

August 1st, 2022

Mr. Allan Batka
United States Environmental Protection Agency
Region 5 (WU-16J)
77 West Jackson Blvd.
Chicago, IL 60604

Re: RIES Monthly Report

Dear Mr. Batka:

Republic Industrial and Energy Solutions, LLC (RIES) hereby submits the Hundred and First Monthly Report ("MR") in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011). RIES is providing all the attached information in the same sequence as required by both subject permits, i.e. Part II. D.1 (a-i), Part III, Attachment A, and Part III, Attachment E.G.2 & E.I.

RIES accepted F039 waste in June of 2022 so as stated on page A-3 of RIES's two EPA UIC permits an analysis is required and is included in this report.

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

We trust that you find this report satisfactory, however, if you have any questions or comments, please feel free to contact us.

Sincerely,

Brendan Odrowski

cc: Rick Sauve (Republic Services), Michael Alderman (Republic Services), John Frost (Republic Services)

Brendon Adroustic

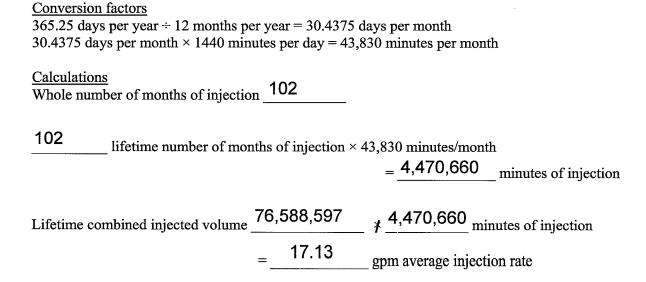
AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR	2022	
CURRENT REPORTING MONTH	June	
Date (month, year) of the first injection	on into either well at	the Citrin Road Facility
November 2013		

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected									
MI-163-1W-C010 , Well #1-12												
Current Month	977,296	0	977,296									
Since facility first injected			48,832,086									
MI-163-1W-C011, Well #2-12												
Current Month	958,304	0	958,304									
Since facility first injected			27,756,511									
		Lifetime Combined	76,588,597									







		_							_															1									
	essure (psig)	Max	929.2	892.2	912.6	909.5	993.1	945.9	904.4	896.2	899.7	955.0	903.7	804.9	846.7	973.2	911.4	936.9	1109.6	943.1	796.7	776.0	762.1	753.4	746.4	740.9	740.7	740.0	738.6	737.0	735.3	729.1	
	Differential Pressure (psig)	Min	522.1	464.1	462.7	472.0	431.9	445.3	468.5	460.6	461.0	426.3	558.3	787.3	382.7	471.6	487.6	473.5	473.0	795.8	775.1	9'092	752.2	745.1	739.4	738.7	738.4	737.2	735.6	733.9	727.0	722.2	
	(mdg) a	Max	88.2	93.5	77.1	63.1	82.6	85.8	92.8	84.4	94.2	94.0	80.7	0.0	84.4	82.4	78.3	81.0	70.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Flow Rate (gpm)	Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0:0	0.0	0.0	0.0	0.0	0:0	0.0	0.0	0:0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	no pH	Max	7.3	8.2	7.4	7.2	7.2	7.2	7.2	7.1	7.1	7.2	7.0	6.9	7.0	7.3	7.0	7.4	7.4	1.6	1.7	6.8	9.9	6.3	7.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
2022	Injection pH	Min	1.8	1.4	2.8	6.9	4.6	5.8	2.3	2.6	2.5	1.7	6.8	6.9	1.8	1.5	6.7	6.7	1.4	1.4	1.6	1.5	1.5	5.2	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	
Injection Well 1, June 2022	ssure (psig)	Max	1732.1	1646.0	1,634.6	1,483.0	1,664.4	1,610.0	1,591.9	1,618.9	1,558.6	1,429.8	1,393.5	930.1	1,537.6	1,518.0	1,486.8	1,550.8	1,545.4	1,097.1	930.5	902.1	895.4	884.4	878.9	873.7	866.3	860.1	854.6	850.1	846.8	846.7	
Injecti	Annulus Pressure (psig)	Min	1093.3	1038.2	1030.4	1015.3	980.1	1000.6	1,021.5	1,020.7	1023.3	976.0	929.2	90906	902.7	1,005.7	965.0	1,005.3	1,016.8	929.8	901.2	890.6	883.3	877.8	872.5	865.3	859.0	853.6	848.9	845.1	843.4	843.9	
	Annulus Tank Level (inch)	Max	26.8	26.7	26.8	26.8	26.7	26.7	26.8	26.7	26.7	26.6	26.7	26.7	26.8	26.8	26.8	26.9	26.8	26.8	26.6	26.6	26.7	26.8	26.7	26.7	26.7	26.7	26.6	26.6	26.7	26.7	
	Annulus Tan	Min	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.7	26.7	26.6	26.5	26.5	26.6	26.7	26.6	26.5	26.6	26.6	26.5	26.5	26.5	26.6	
	Injection Pressure (psig)	Max	939.7	938.7	939.5	938.3	937.7	940.1	940.4	942.1	952.4	940.2	835.1	125.3	920.5	939.5	913.5	940.2	940.1	154.2	134.1	130.0	134.7	133.1	139.2	138.5	126.0	120.4	116.3	113.3	118.7	123.6	
	Injection Pr	Min	165.6	161.9	155.3	153.3	125.6	116.3	142.6	145.1	139.3	27.7	124.9	119.1	114.9	117.6	103.6	148.5	6.1	133.7	125.8	121.5	125.3	127.5	128.3	125.8	120.1	116.0	112.9	110.9	109.9	116.3	
			6/1/2022	6/2/2022	6/3/2022	6/4/2022	6/5/2022	6/6/2022	6/7/2022	6/8/2022	6/9/2022	6/10/2022	6/11/2022	6/12/2022	6/13/2022	6/14/2022	6/15/2022	6/16/2022	6/17/2022	6/18/2022	6/19/2022	6/20/2022	6/21/2022	6/22/2022	6/23/2022	6/24/2022	6/25/2022	6/26/2022	6/27/2022	6/28/2022	6/29/2022	6/30/2022	

Circle Chart Index

Republic Industrial Energy Solutions, LLC 28470 Citrin Drive Romulus, MI 48174

Chart Recorder #1

Channel #1

Blue Pen - Well 1 Injection Pressure (chart value x 30)

Channel #2

Red Pen — Well 1 Annulus Pressure (chart value x 30)

Channel #3

Green Pen — Well 1 Flow Rate (chart value x 4)

Channel #4

Black Pen — Well 1 Annulus Tank Level (chart value x 0)

Chart Recorder #2

Channel #1

Blue Pen — Well 2 Injection Pressure (chart value x 30)

Channel #2

Red Pen — Well 2 Annulus Pressure (chart value x 30)

Channel #3

Green Pen — Well 2 Flow Rate (chart value x 4)

Channel #4

Black Pen — Well 2 Annulus Tank Level (chart value x 0)

Chart Recorder #3

Channel #1

Blue Pen — Injection pH Well 1 & 2 (chart value 3.3)

Channel #2

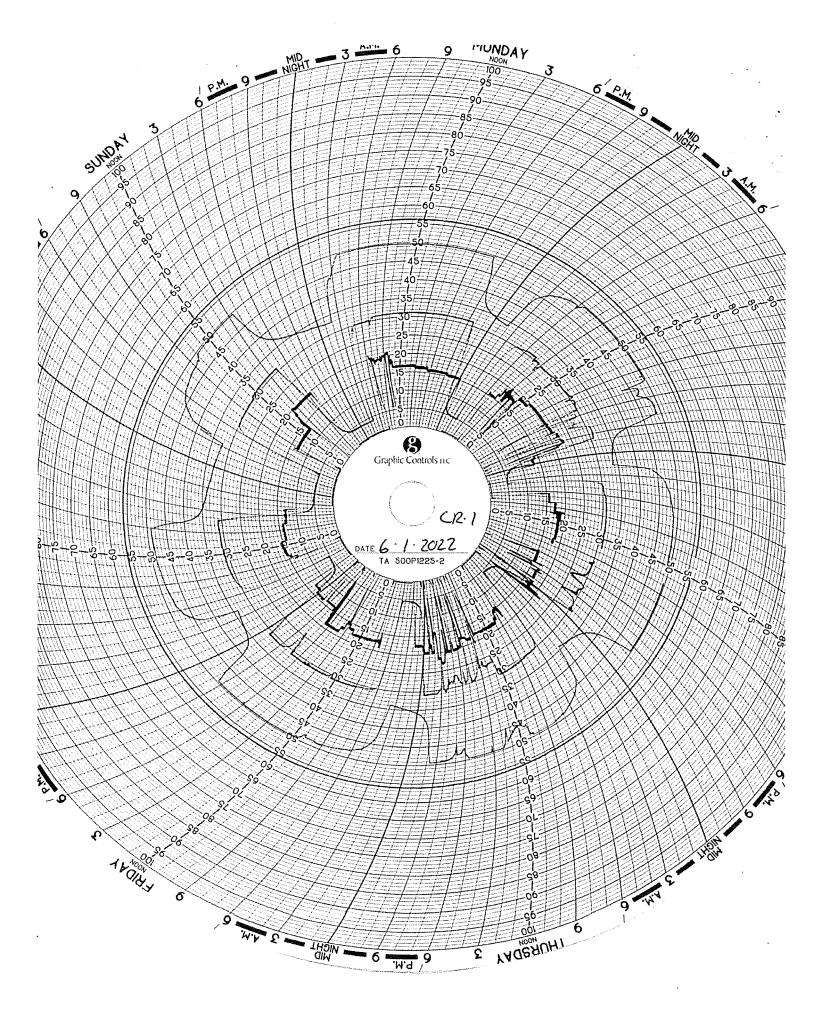
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

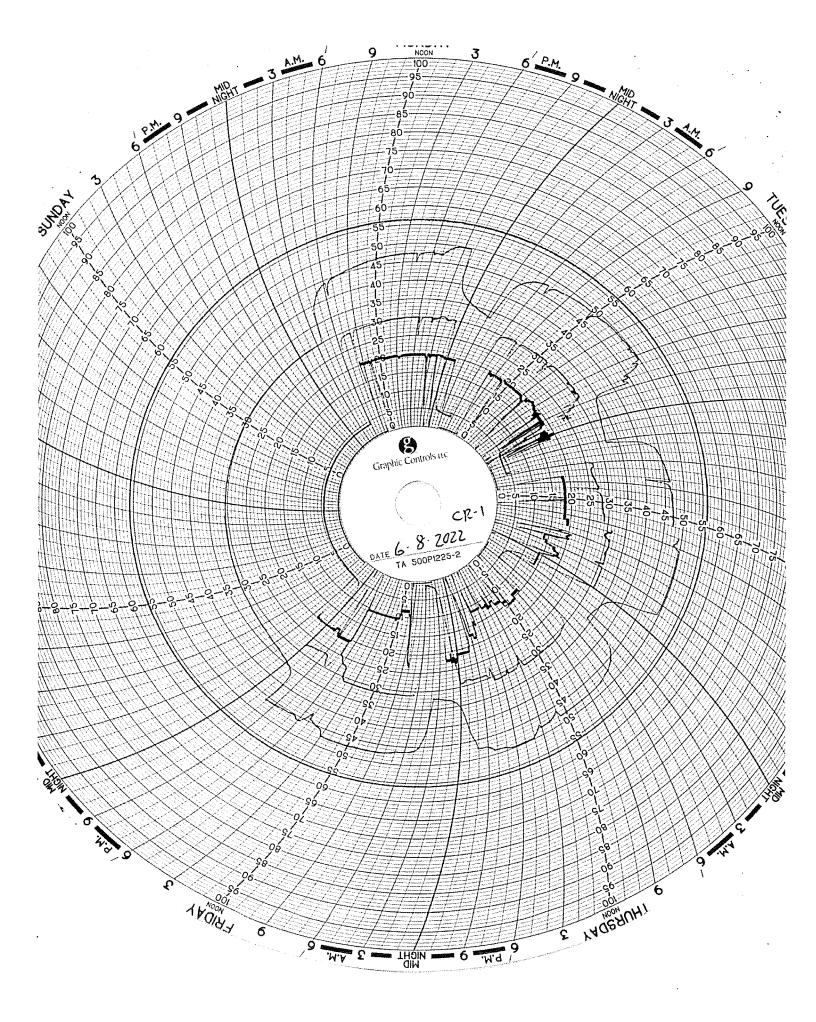
Channel #3

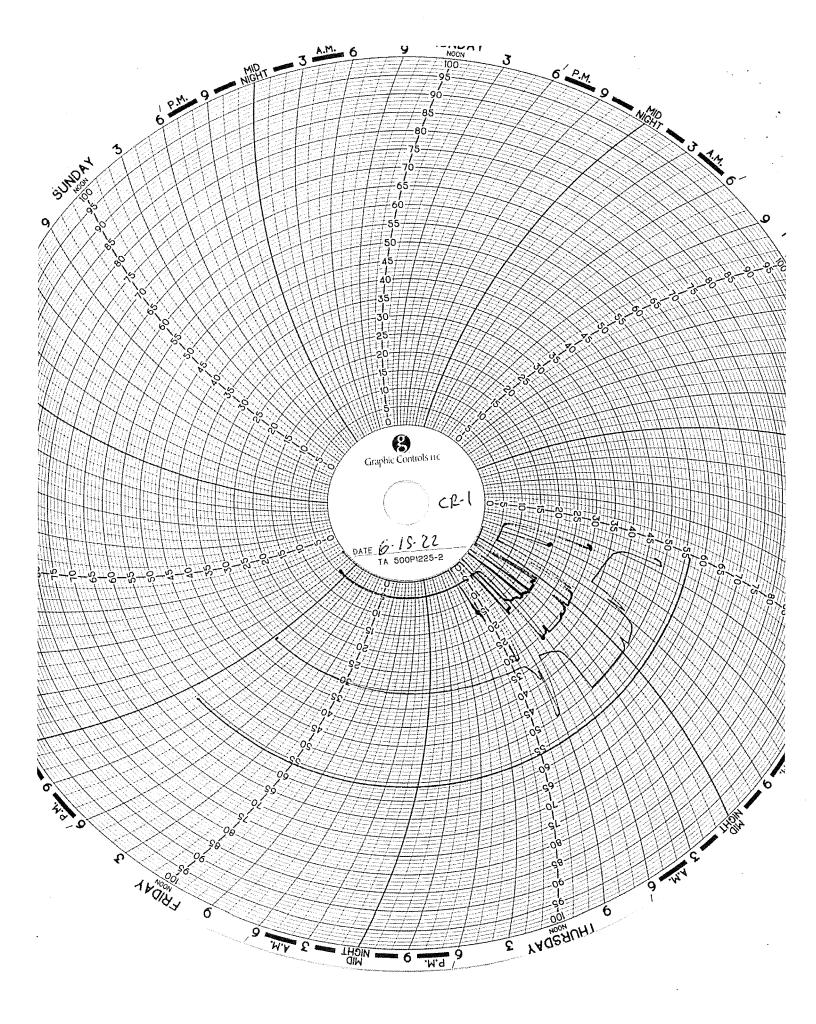
Green Pen — Well 2 Monthly Volume (chart value x 100,000)

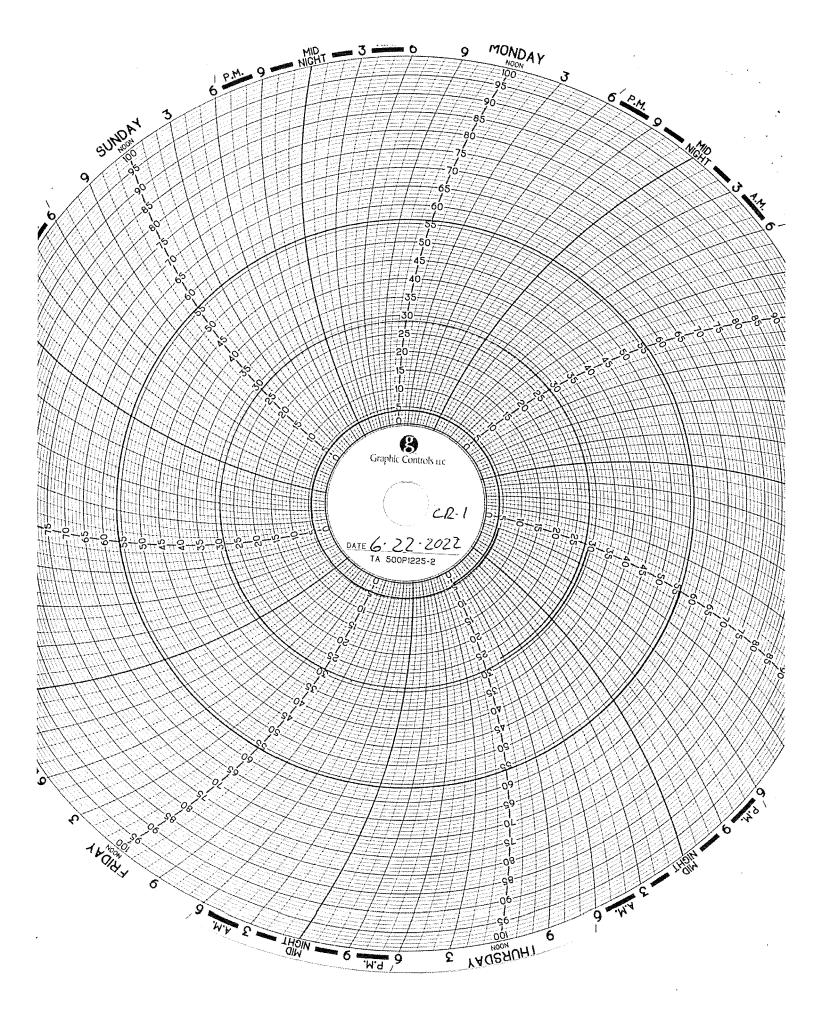
channel tm

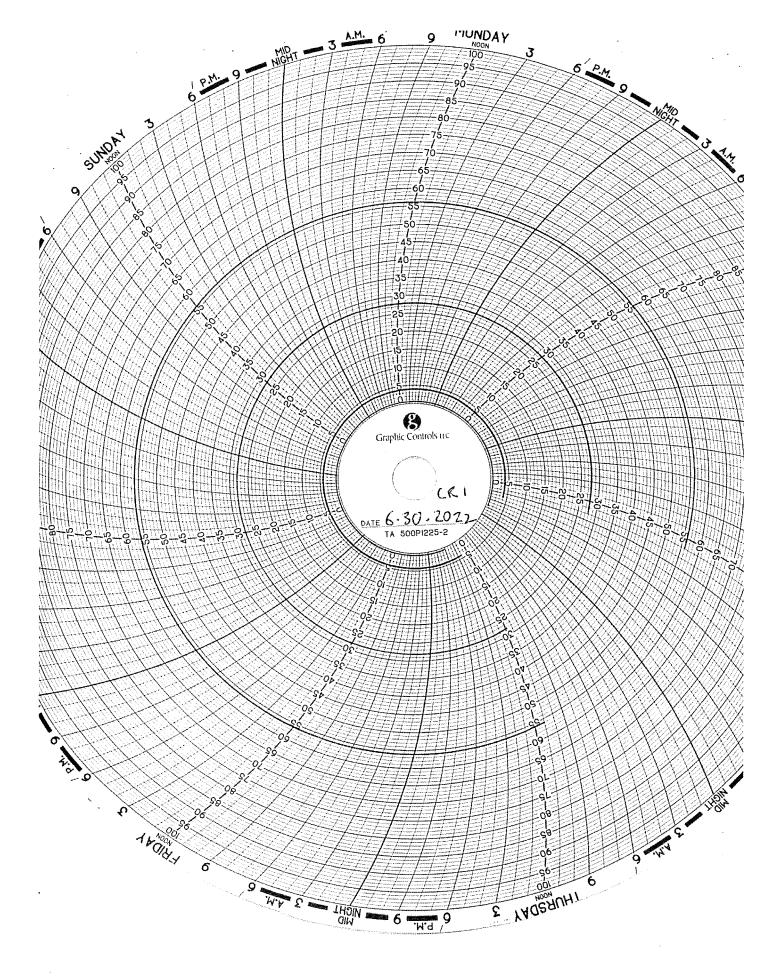
Black Pen — Temperature (chart value x 0)















	(bsig)	Max	1045.1	1023.4	974.9	0.796	911.0	886.7	968.4	90.09	956.7	951.7	948.5	940.7	933.3	979.1	949.6	30.4	937.6	991.9	934.0	1013.1	119.4	1015.3	125.6	994.4	837.5	95.5	782.0	775.1	942.0	991.0	
	Differential Pressure (psig)	_	10	10	6)6	9.	38	36	96	76	76	76	6	36	.6	76	36	6	6	36	10	10	10	10	36	.8	76	78	12	ð	6	
	Differential	Min	667.1	531.1	529.1	538.7	498.5	841.9	844.2	839.8	949.2	945.9	939.3	911.2	398.5	521.2	519.8	528.1	524.3	515.7	914.4	502.4	495.5	546.0	521.2	544.5	795.1	781.3	773.6	766.3	427.7	488.2	
	e (gpm)	Max	92.8	90.3	80.6	65.6	60.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.8	85.5	78.5	82.1	69.2	79.4	0.0	77.1	7.77	75.7	81.9	74.7	0.0	0.0	0.0	0.0	70.1	70.9	
	Flow Rate (gpm)	Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Hd r	Max	7.3	8.2	7.4	7.2	7.2	7.2	7.1	7.2	7.1	7.2	1.8	1.8	7.0	7.3	7.0	8.5	7.4	1.6	1.7	7.0	7.0	7.1	12.8	7.1	7.0	6.9	7.0	7.0	7.2	7.2	
:022	Injection pH	Min	1.8	1.4	2.8	6.9	6.4	5.9	2.6	2.5	6.7	1.6	1.7	1.8	1.8	1.5	6.7	2.3	1.4	1.4	1.6	1.5	6.8	6.8	1.3	6.9	6.9	6.9	6.9	6.9	6.9	6.9	
Injection Well 2, June 2022	sure (psig)	Max	1904.0	1736.2	1,731.7	1,573.0	1,368.9	997.9	977.0	965.4	959.9	952.0	948.7	941.2	1,610.1	1,619.9	1,580.9	1,635.6	1,635.3	1,360.4	0.796	1,606.3	1,608.9	1,628.2	1,577.2	1,565.3	1007.8	964.4	948.0	937.8	1556.0	1595.6	
Injectio	Annulus Pressure (psig)	Min	1240.6	1101.4	1096.7	1081.4	997.5	976.3	964.7	955.1	950.7	947.5	940.7	935.9	896.1	1,060.4	1,024.5	1,073.9	1,064.2	2.996	935.7	919.8	1013.3	1,080.6	1,057.7	1007.5	964.0	947.7	937.4	930.8	897.7	1032.1	
-	Level (inch)	Max	32.8	32.6	32.8	32.8	32.7	32.6	32.6	32.6	32.6	32.5	32.6	32.6	32.8	32.8	32.9	32.9	32.9	32.8	32.6	32.6	32.7	32.8	32.8	32.6	32.6	32.6	32.6	32.6	32.6	32.7	
	Annulus Tank Level (inch)	Min	32.1	32.4	32.5	32.6	32.6	32.5	• 32.6	32.5	32.5	32.4	32.5	32.5	32.5	32.6	32.6	32.8	32.8	32.5	32.5	32.5	32.5	32.7	32.6	32.5	32.5	32.6	32.5	32.5	32.5	32.6	
	ssure (psig)	Max	946.3	942.4	949.7	939.0	863.4	143.6	127.0	120.8	1.4	1.7	1.7	24.7	942.5	940.1	937.6	950.1	948.0	835.7	33.5	929.2	936.7	939.7	940.0	916.6	170.6	169.1	166.5	165.3	934.3	937.7	
	Injection Pressure (psig)	Min	197.7	174.7	177.8	170.6	142.9	94.1	-1.6	-1.6	-1.0	-0.3	-0.3	0.1	1.7	133.7	122.2	169.6	161.4	32.9	20.8	9.6	125.3	150.1	119.0	167.0	165.8	165.3	161.9	159.7	46.2	158.0	
8			6/1/2022	6/2/2022	6/3/2022	6/4/2022	6/5/2022	6/6/2022	6/7/2022	6/8/2022	6/9/2022	6/10/2022	6/11/2022	6/12/2022	6/13/2022	6/14/2022	6/15/2022	6/16/2022	6/17/2022	6/18/2022	6/19/2022	6/20/2022	6/21/2022	6/22/2022	6/23/2022	6/24/2022	6/25/2022	6/26/2022	6/27/2022	6/28/2022	6/29/2022	6/30/2022	

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Green Pen — Well 1 Flow Rate (chart value x 4)

Channel #4

Black Pen — Well 1 Annulus Tank Level (chart value x 0)

Chart Recorder #2

Channel #1

Blue Pen — Well 2 Injection Pressure (chart value x 30)

Channel #2

Red Pen — Well 2 Annulus Pressure (chart value x 30)

Channel #3

Green Pen — Well 2 Flow Rate (chart value x 4)

Channel #4

Black Pen — Well 2 Annulus Tank Level (chart value x 0)

Chart Recorder #3

Channel #1

Blue Pen — Injection pH Well 1 & 2 (chart value 3.3)

Channel #2

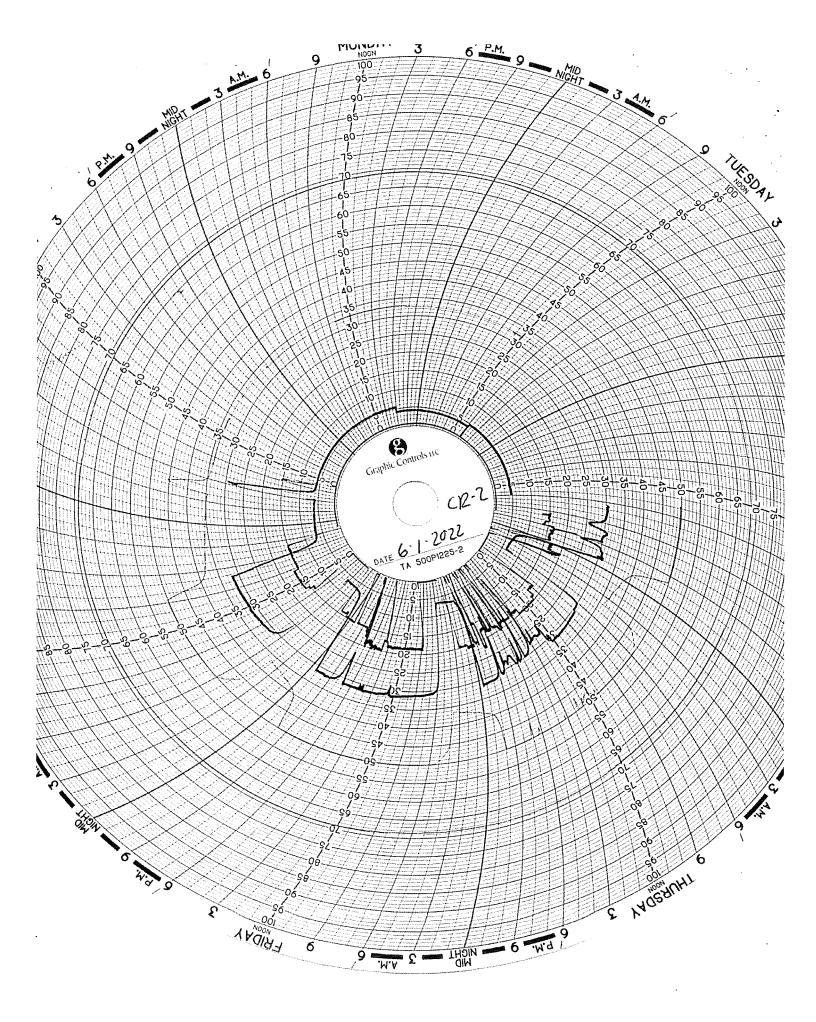
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

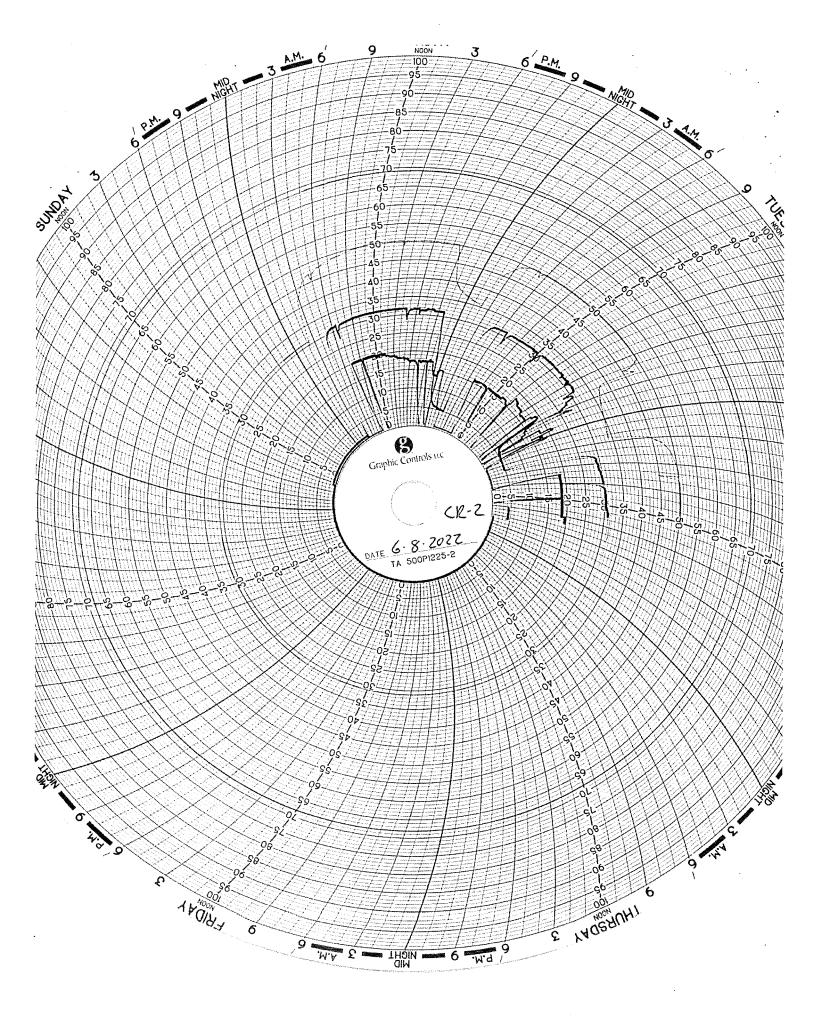
Channel #3

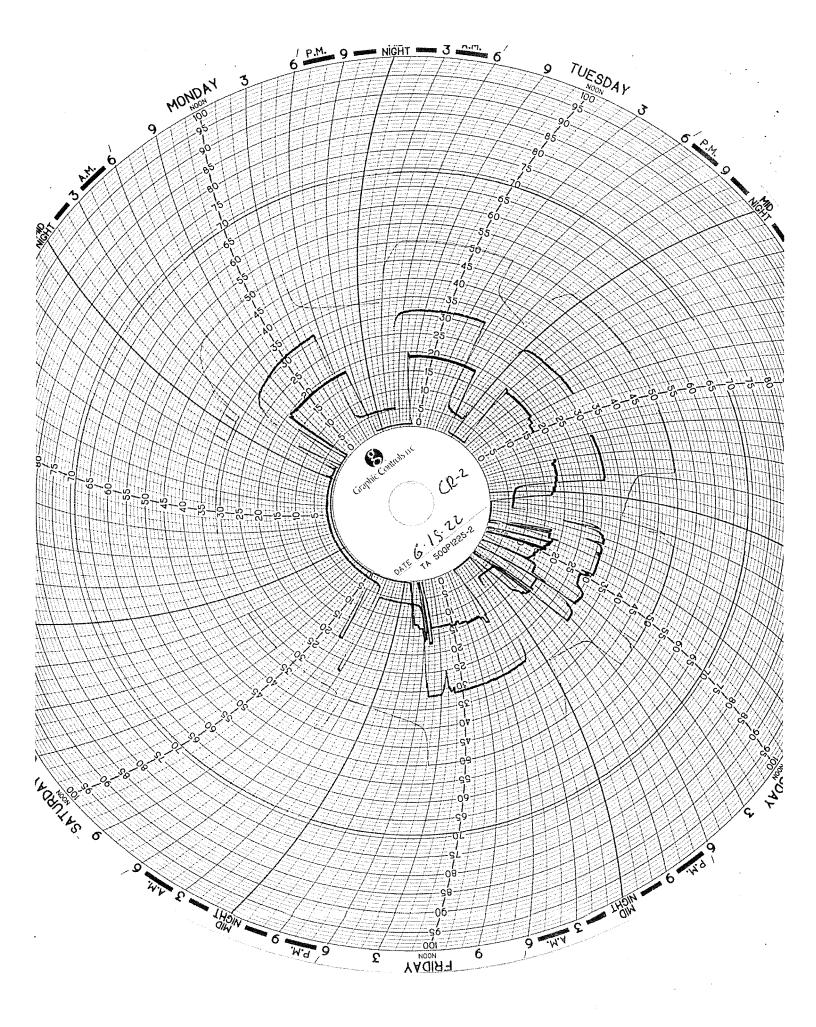
Green Pen — Well 2 Monthly Volume (chart value x 100,000)

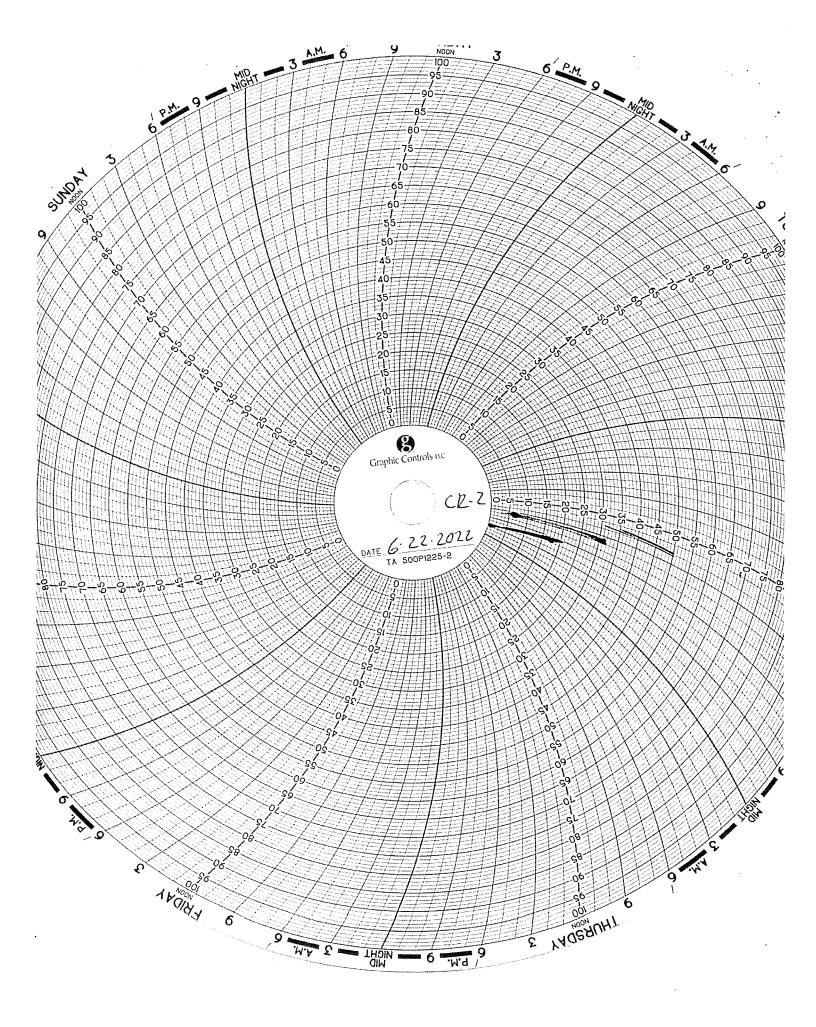
channel tm

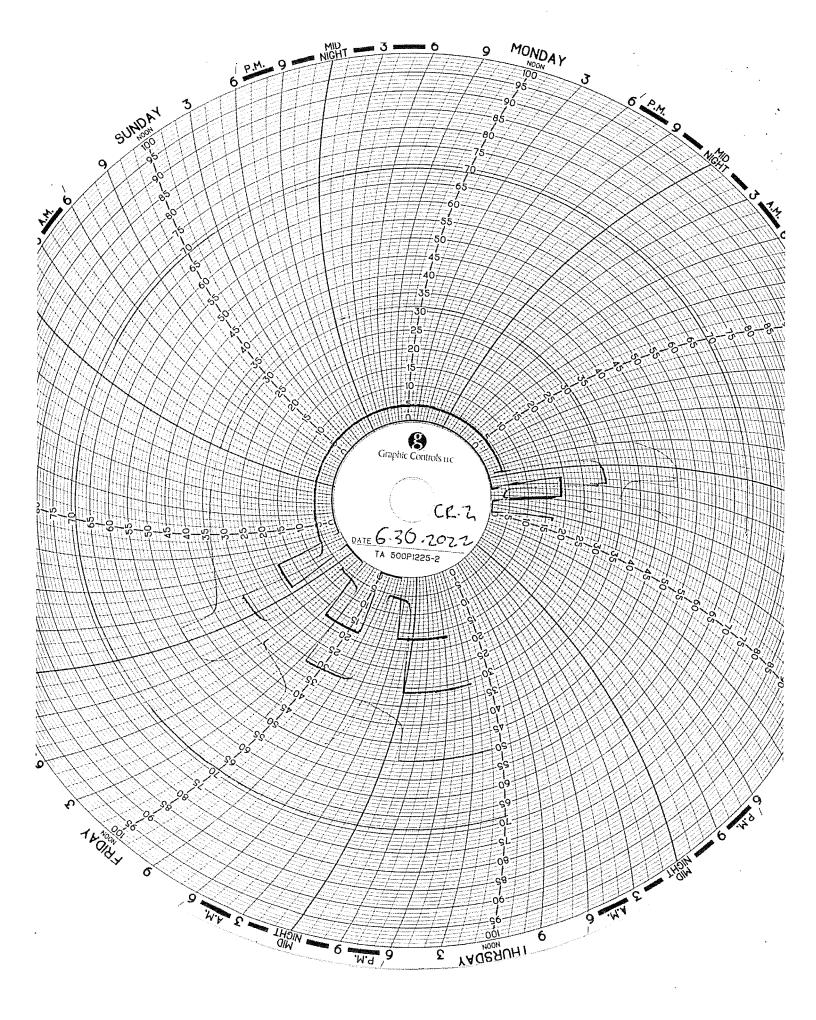
Black Pen — Temperature (chart value x 0)











Circle Chart Index

Republic Industrial Energy Solutions, LLC 28470 Citrin Drive Romulus, MI 48174

Chart Recorder #1

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Blue Pen - Well 1 Injection Pressure (chart value x 30)

Channel #2

Red Pen — Well 1 Annulus Pressure (chart value x 30)

Channel #3

Green Pen — Well 1 Flow Rate (chart value x 4)

Channel #4

Black Pen — Well 1 Annulus Tank Level (chart value x 0)

Chart Recorder #2

Channel #1

Blue Pen — Well 2 Injection Pressure (chart value x 30)

Channel #2

Red Pen — Well 2 Annulus Pressure (chart value x 30)

Channel #3

Green Pen — Well 2 Flow Rate (chart value x 4)

Channel #4

Black Pen — Well 2 Annulus Tank Level (chart value x 0)

Chart Recorder #3

Channel #1

Blue Pen — Injection pH Well 1 & 2 (chart value 3.3)

Channel #2

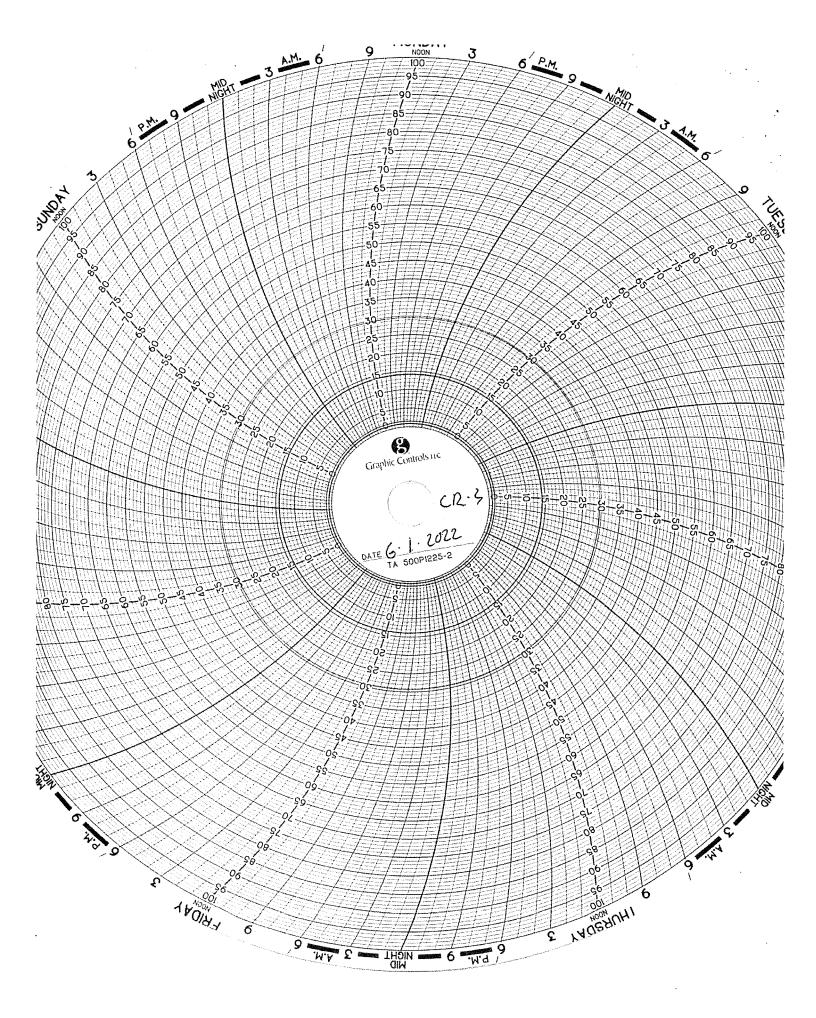
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

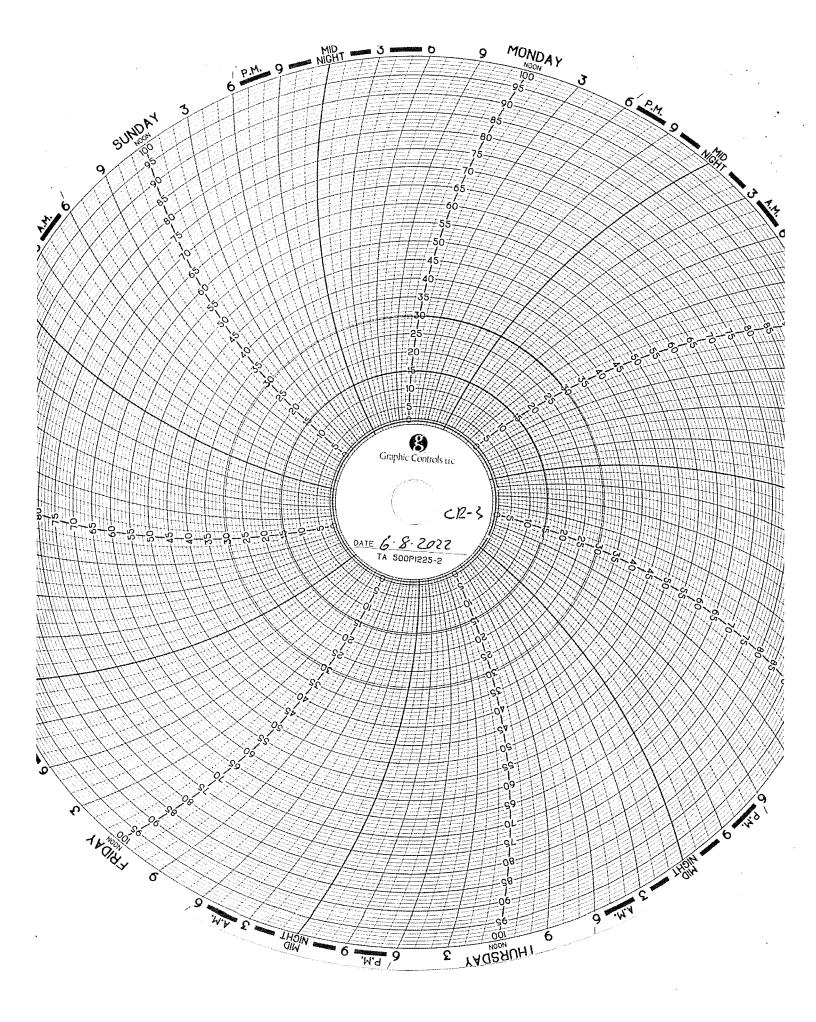
Channel #3

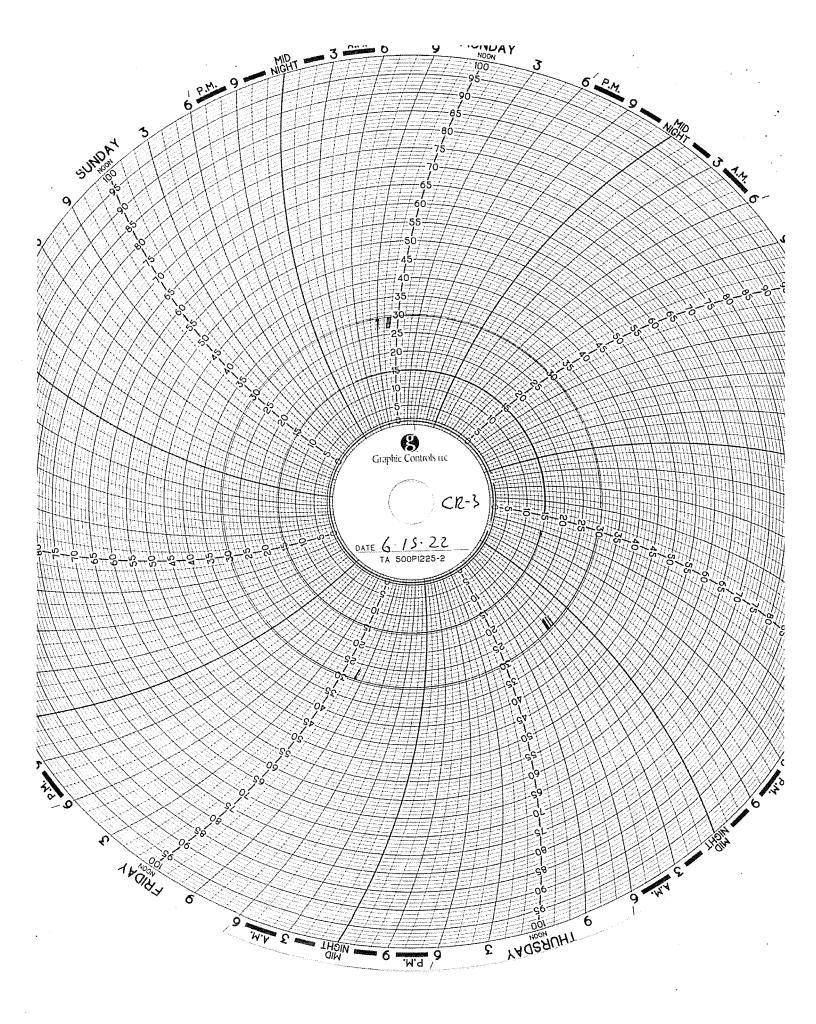
Green Pen — Well 2 Monthly Volume (chart value x 100,000)

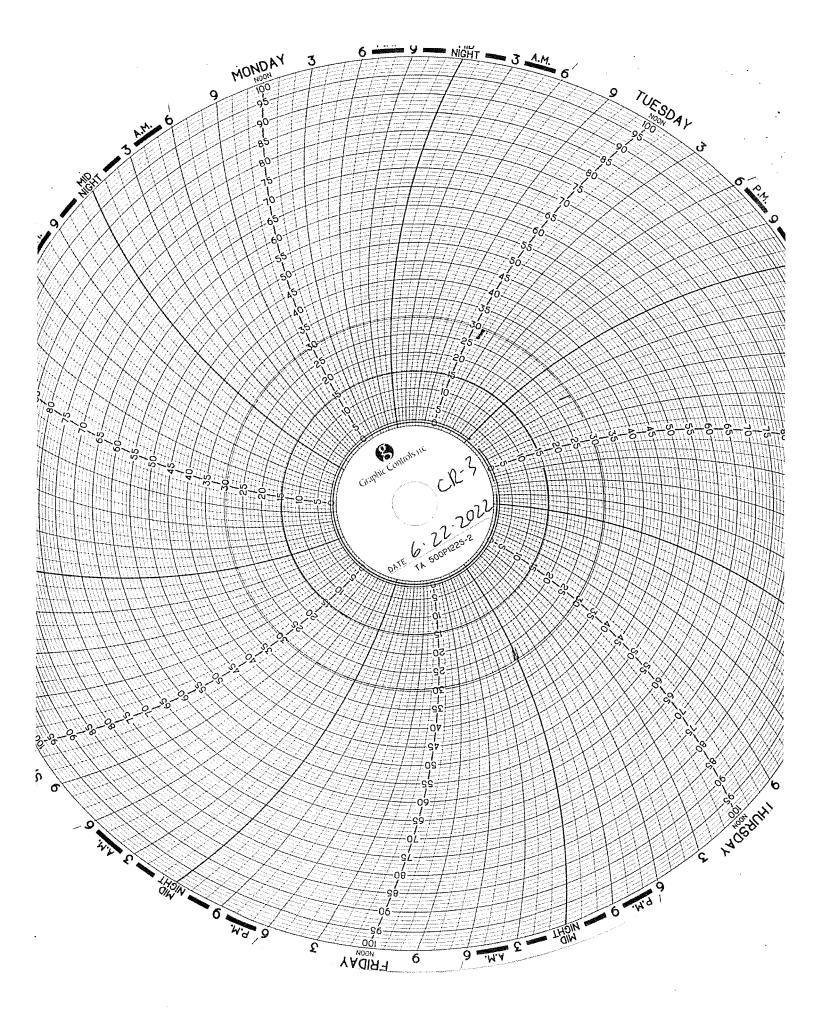
channel tm

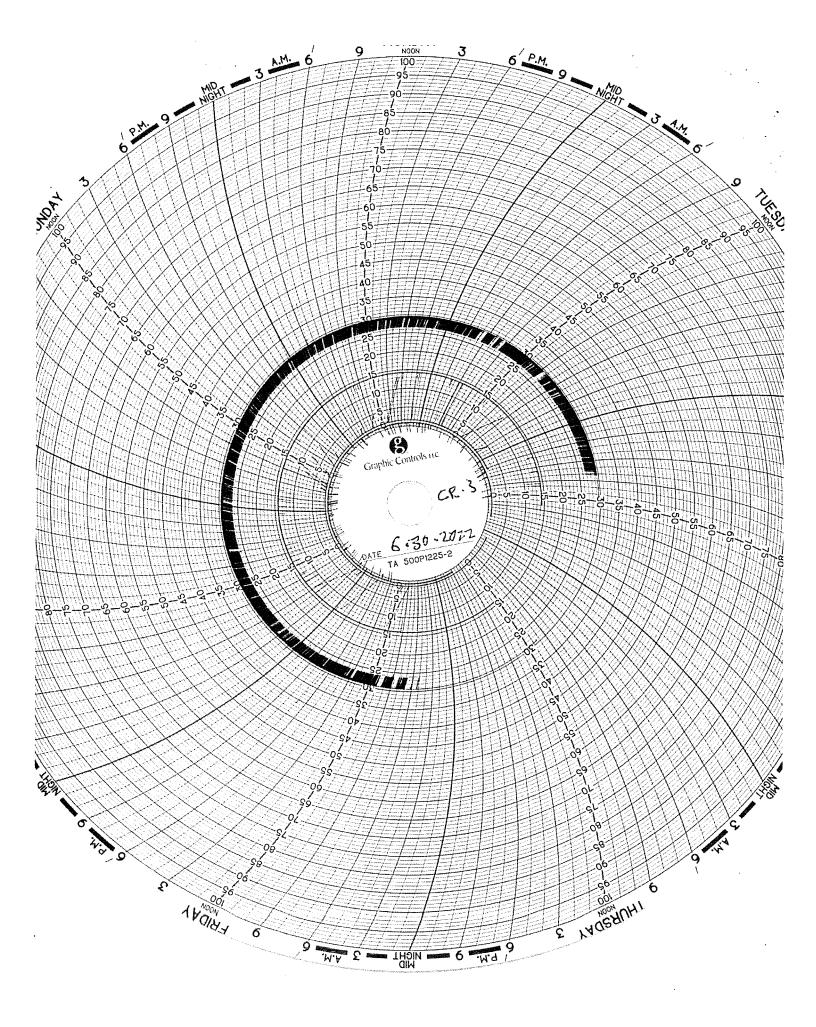
Black Pen — Temperature (chart value x 0)











CORROSION MONITORING

CORROSION MONITORING PLAN COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	
	(C267)	(316L)	(Redbox)	
12/19/2013	13.330 g	10.848 g	7.309 g	Initial Mass @ start up
2/21/2014	13.329 g	10.846 g	7.306 g	
3/10/2014	13.327 g	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	
5/30/2014	13.328 g	10.818 g	7.226 g	
6/30/2014	13.321 g	10.337 g	7.196 g	
7/11/2014	13.323 g	10.304 g	7.196 g	
8/12/2014	13.328 g	10.045 g	7.182 g	
9/17/2014	13.321 g	9.997 g	7.090 g	
10/30/2014	13.321 g	9.387 g	7.075 g	
11/21/2014	13.320 g	9.386 g	7.069 g	
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	New hastelloy coupon
3/31/2015	13.339 g	9.286 g	7.005 g	
4/27/2015	13.335 g	9.130 g	6.852 g	
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	
9/21/2015	13.336 g	8.987 g	6.792 g	
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	İ
2/16/2016	13.332 g	8.799 g	6.757 g	
3/31/2016	13.339 g	9.286 g	7.005 g	
4/22/2016	13.333 g	8.590 g	6.744 g	
5/31/2015	13.334 g	6.084 g	6.784 g	l
6/30/2016	13.328 g	10.942 g	6.793 g	New stainless steel coupon
8/3/2016	13.326 g	10.529 g	6.743 g	
8/29/2016	13.325 g	10.020 g	6.723 g	
10/27/2016	13.325 g	8.765 g	6.708 g	
11/29/2016	13.327 g	8.571 g	6.740 g	
12/12/2016	13.323 g	8.223 g	6.717 g	
1/3/2017	13.325 g	8.059 g	6.712 g	
2/28/2017	13.324 g	7.634 g	6.727 g	
3/24/2017	13.325 g	7.370 g	6.732 g	
4/28/2017	13.325 g	6.736 g	6.736 g	
5/11/2017 6/12/2017	13.323 g	7.352 g	6.689 g	
7/5/2017	13.323 g	7.357 g	6.689 g	
8/30/2017	13.323 g	7.355 g	6.689 g 18.105 g	Now Eiborglass source
9/28/2017	13.324 g	7.353 g		New Fiberglass coupon
10/11/2017	13.325 g 13.324 g	7.352 g 7.350 g	18.060 g	
11/16/2017	_	_	18.038 g	
	13.325 g	7.363 g	18.047 g	
12/12/2017	13.326 g	7.308 g	18.307 g	1

CORROSION MONITORING PLAN COUPON SUMMARY

1/29/2018 13.326 g 10.930 g 18.027 g New stainless steel 2/9/2018 13.325 g 10.932 g 18.044 g 3/19/2018 13.325 g 10.926 g 18.030 g 4/16/2018 13.336 g 10.863 g 18.068 g 5/17/2018 13.325 g 10.858 g 18.037 g 6/20/2018 13.325 g 10.855 g 18.029 g 7/12/2018 13.326 g 10.854 g 18.031 g 8/21/2018 13.326 g 10.852 g 18.036 g 10/10/2018 13.326 g 10.851 g 18.031 g 11/20/2018 13.326 g 10.853 g 18.032 g 12/11/2018 13.326 g 10.852 g 18.033 g 1/14/2019 13.326 g 10.852 g 18.033 g 2/20/2019 13.326 g 10.850 g 18.033 g 3/15/2019 13.326 g 10.850 g 18.033 g 4/10/2019 13.326 g 10.850 g 18.033 g 18.031 g 18.033 g 18.033 g	coupon
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3/15/2019 13.326 g 10.850 g 18.033 g	
4/10/2019	
1/10/E010 10/0E014 10/07014 10/0014	
5/17/2019 13.326 g 10.849 g 18.036 g	
6/5/2019 13.326 g 10.848 g 18.031 g	
7/8/2019 13.326 g 10.845 g 18.032 g	
8/12/2019 13.326 g 10.845 g 18.032 g	
9/8/2019 13.326 g 10.842 g 18.029 g	
10/17/2019 13.326 g 10.842 g 18.030 g	
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12/11/2019 13.326 g 10.842 g 18.030 g	İ
1/16/2020 13.326 g 10.840 g 18.033 g	
2/6/2020 13.326 g 10.836 g 18.034 g	
3/3/9/20 13.326 g 10.842 g 18.034 g Well 1 workover n	new well
4/9/2020 13.328 g 10.839 g 18.037 g	
5/12/2020 13.322 g 10.830 g 18.035 g	-
6/16/2020 13.316 g 10.771 g 18.009 g	
7/16/2020 13.308 g 10.560 g 17.843 g	
8/25/2020 13.310 g 10.214 g 17.773 g	
9/24/2020 13.289 g 9.796 g 17.656 g	
10/19/2020 13.282g 9.737g 17.621g	
11/5/2020 13.280g 9.728g 17.600g	
12/3/2020 13.281g 9.730g 17.689g	ĺ
2/10/2021 13.284g 9.728g 17.683g	
3/9/2021 13.290g 9.733g 17.585g	
4/13/2021 13.288g 9.730g 17.649g	
5/18/2021 13.282g 9.691g 17.543g	
6/17/2021 13.279g 9.639g 17.546g	ĺ
7/19/2021 13.278g 9.480g 17.507g	
8/3/2021 13.278g 9.437g 17.467g	
9/14/2021 13.277g 9.392g 17.467g	
10/11/2021 13.277g 9.359g 17.465g	İ
11/3/2021 13.277g 9.350g 17.273g	
12/15/2021 13.276g 9.351g 17.256g	
1/17/2022 13.276g 9.351g 17.256g	
2/15/2022 13.276g 9.347g 16.965g	
3/18/2022 13.281g 9.368g 17.246g	

CORROSION MONITORING PLAN COUPON SUMMARY

4/18/2022	13.275	9.339	16.656
5/16/2022	13.298	9.328	16.600
6/15/2022	13.276	9.3	16.219

Date: 06/15/2022 Material: C1563/316L Weight: 9.300 g.



Date: 06/15/2022 Material: C276 5 Weight: 13.276 g.



Date: 06/15/2022 Material: Fiberglass Weight: 16.219 g.



CORROSION MONITORING COUPONS BASELINE VISUAL DESCRIPTION

November 4, 2013

Fiberglass

The fiberglass coupon is Red Box 2000 type and is 2-1/2 inches long by 1/2 inch wide and 1/4 inches thick. It is a dark orange (rust) in color with a glossy shine on one side a polished look on the opposite side and the cut edges look sanded.

Hastelloy

The hastelloy coupon is identified as C276 with serial number 1. The dimensions of the coupon are 3 inches long by 1/2 inch wide and 1/4 inch thick. The coupon is silver in color with a lightly sandblasted surface.

Stainless Steel

The stainless steel coupon is identified as 316L with serial number C1562. The dimensions of the coupon are 3 inches long by 1/2 inch wide and 1/4 inch thick. The coupon is silver in color with a lightly sandblasted surface.



October 22, 2015

TEST REPORT -

PN 125322 PO 00154

PLASTICS TESTING DEPARTMENT

Prepared For:

John Frost Environmental Geo-Technologies, LLC 28470 Citrin Drive Romulus, MI 48174

Prepared By:

Melissa Martin

Sr. Project Technician

Approved By:

Jim Diummond, Sr.

Physical & Plastic Testing, Manager



An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255.01 & 255.02 ISO 9001:2008 Registered

ISO 9001:2008 Registered

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Progress Through Innovation, Technology and Customer Satisfaction

October 22, 2015

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN 125322

SUBJECT:

Barcol Hardness on one material.

RECEIVED:

One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Instant Reading

Results

Barcol Hardness, Instant

96

Prepared By:

Melissa Martin Sr. Project Technician Approved By:

Plastics Testing Assistant Manager



December 12, 2016

-TEST REPORT-

PN 132662 PO

PLASTICS TESTING DEPARTMENT

Prepared For:

John Frost Environmental Geo-Technologies, LLC 28470 Citrin Drive Romulus, MI 48174

Prepared By

Melisşá Martin Senior Project Technician Approved By

Jim Diummond Physical Testing, Manager

Rev 041916

An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255.01 & 255.02 ISO 9001:2008 Registered

ISO 9001:2008

A Testing Lab

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Progress Through Innovation, Technology and Customer Satisfaction

December 12, 2016

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN 132662

SUBJECT:

Barcol Hardness on one (1) material.

RECEIVED:

One (1) small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Instant Reading

RESULTS

Barcol Hardness, Instant

96

Prepared By:

Melissa Martin

Senior(Project Technician

Approved By

Scott Yates

Plastics Testing, Assistant Manager

wk

ARDL is ISO 17025 accredited by A2LA for the test methods listed on the certificates referenced on page one. NOTE: Non-ISO 17025 accredited test methods are designated with the ^ symbol to differentiate from ISO 17025 accredited methods in the body of the test report.



December 13, 2017

-TEST REPORT-

PN 139140

PLASTIC TESTING DEPARTMENT

Prepared For:

John Frost
Environmental Geo-Technologies, LLC
28470 Citrin Drive
Romulus, MI 48174

Prepared By

Melissa Martin Sr Project Technician Approved By:

Jim Drummond

Rubber & Plastic Testing, Manager

Rev 041916

ACCREDITED
A Testing Lab

An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255.01 & 255.02 ISO 9001:2008 Registered

ISO 9001:2008

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Progress Through Innovation, Technology and Customer Satisfaction

December 13, 2017

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN 139140

SUBJECT:

Barcol Hardness on one material.

RECEIVED:

One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Instant Reading

Results

Barcol Hardness, Instant

96

Prepared B

Melissa Martin

Sr Project Technician

Approved By

Scott Yates

Plastics Testing, Assistant Manager

SÇ

ARDL is ISO 17025 accredited by A2LA for the test methods listed on the certificates referenced on page one. NOTE: Non-ISO 17025 accredited test methods are designated with the ^ symbol to differentiate from ISO 17025 accredited methods in the body of the test report.

GHESQUIERE PLASTIC TESTING, INC.

20450 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (313) 885-3535 FAX (313) 885-1771

Report Date: November 15, 2013
Test Date: October 15 - November 14, 2013

Report #1310-77651
Performed for:
Environmental Geo-Technologies
28470 Citrin Drive
Romulus, MI 48174

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

Test specimen was prepared as necessary and conditioned for a minimum of 24 hours at standard laboratory conditions prior to testing.

Barcol Hardness test was performed in accordance with the procedures of ASTM D2583-13. One specimen was tested.

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

<u>Hardness</u>

Specimen 1

90

Specimen is being returned with this report for further evaluation.

M. W. Chesquiere

President

MWG/kni

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TOTAL 1 PAGES

TESTING, INC.

20450 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (313) 885-3535 FAX (313) 885-1771

Report Date: February 17, 2014 Test Date: February 14 - 17, 2014

Report #1402-78036 Performed for: Environmental Geo-Technologies 28470 Citrin Drive Romulus, MI 48174

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

A CONTROL OF THE WARRY TO A CONTROL OF THE SAME OF THE Test specimen was prepared as necessary and conditioned for a minimum of 24 hours at standard laboratory conditions prior to testing.

Barcol Mardness test was performed in accordance with the procedures of ASTM D2583-13. One specimen was tested.

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

· 19 / 20 11 16世界中國企業 (19 11年)

Hardness

Specimen 1 90

3.7 PP\$15年 12.8 TENERAPP\$10、\$P\$16、10年1.35世 17

was the sales of the way to the state of the sales of Specimen was returned to the client on February 17, 2014. ALTER BEING TERMEN

GHESOUIERE PLASTIC TESTING, INC.

and the first of the later of the control of the co

... M. W. Chesquiere -President

MWG/dm

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Samples, extra and related test materials will be destroyed 30 days after the date of the final report unless the olient indicates otherwise in writing.

TOTAL 1 PAGES

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GHESQUIERE PLASTIC TESTING, INC.

20450 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (313) 885-3535 FAX (313) 885-1771

Report Date: June 16, 2014 Test Date: June 13 - 16, 2014

Report #1406-78499
Performed for:
Environmental Geo-Technologies, LLC
28470 Citrin Drive
Romulus, MI 48174

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

Test specimen was prepared as necessary and conditioned for a minimum of 24 hours at standard laboratory conditions prior to testing.

Barcol Hardness test was performed in accordance with the procedures of ASTM D2583-13. One specimen was tested.

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1

85

Specimen was returned to the client June 16, 2014.

GHESQUIERE PLASTIC/TESTING, INC.

M. W. Ghesquieré

President

MWG/dm



October 2, 2014

TEST REPORT •

PN 118325
PO Attn: John Frost

PLASTICS TESTING DEPARTMENT

Prepared For:

John Frost Environmental Geo-Technologies, LLC 28470 Citrin Drive Romulus, MI 48174

Prepared By

Melissa Martin

Sf. Project Technician

Approved By:

Jim Drummond

Physical & Plastics Testing, Manager

ACCREDITED
A Testiny Leb
Certificate Number 285.01 & 255.02

An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255.01 & 255.02 ISO 9001:2008 Registered

ISO 9001:2008 Registered

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Testing. Development. Problem Solving.

October 2, 2014

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN118325

SUBJECT:

Barcol Hardness on one material.

PO# Attn; John Frost

RECEIVED:

One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Results

Barcol Hardness, Instant

97

Prepared By:

st

Melisea Martin Sr. Project Technician Approved By:

Scott W. Yates

Plastics Testing Assistant Manager

BARCOL HARDNESS REPORT

Customer:	Republi	Republic Industrial and Energy Solutions, LLC			
Component Te	ested:	Test Coupo	n		
PO Number:	9575553 Job Number:		3415		
Calibration:	Disc:	43 - 48	Actua	l Reading:	45
Barcol Readings		1	2	3	Average
S	ide One:	62	. 63	58	61
S	ide Two:	58	60	57	58

Tested By:

Date: 01/12/2021

60

Overall Average:

Gary Nicholson (print or type name)

BARCOL HARDNESS REPORT

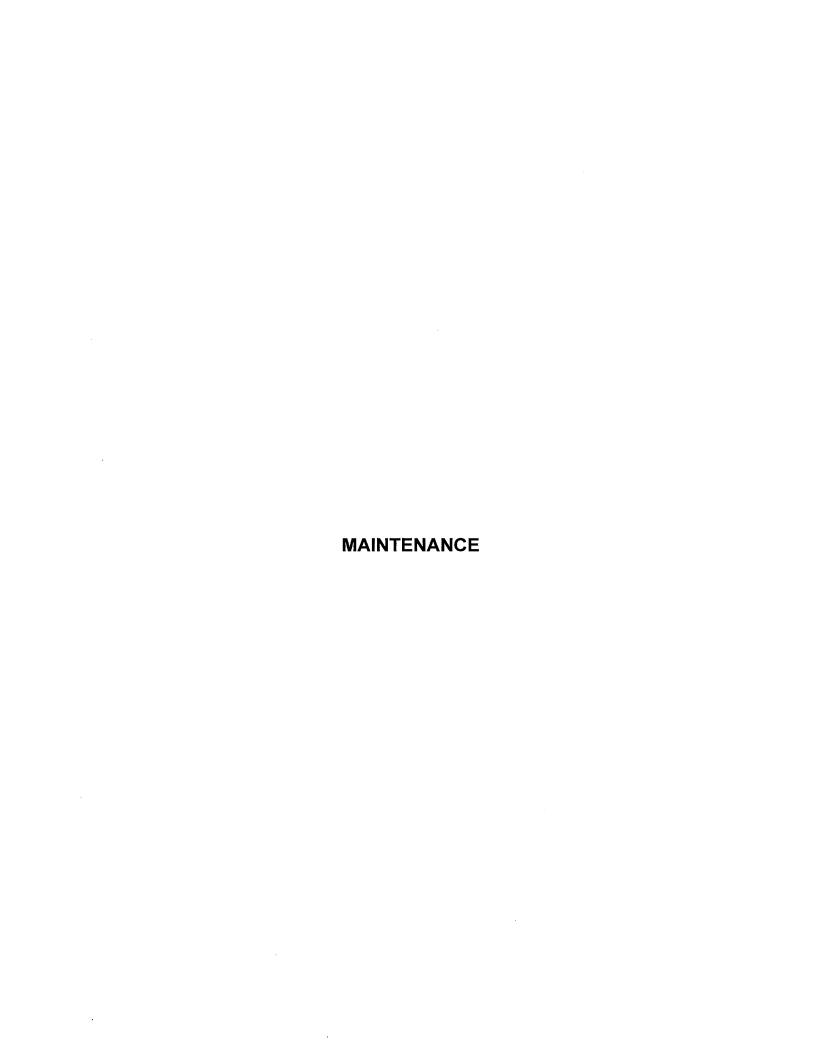
Republic	public Industrial and Energy Solutions, LLC			
sted:	Test Coupo	in .		
1015979	92	Jol	b Number:	3556
Disc:	43 - 48	Actua	nl Reading:	45
dings	1	2	3	Average
de One:	56	60	60	59
de Two:	60	62	62	61
·		Overal	l Average:	60
	sted: 1015979	sted: Test Coupo 10159792 Disc: 43 - 48 dings 1 de One: 56	Sted: Test Coupon 10159792 Jol Disc: 43 - 48 Actual dings 1 2 de One: 56 60 de Two: 60 62	Sted: Test Coupon 10159792 Job Number: Disc: 43 - 48 Actual Reading: dings 1 2 3 de One: 56 60 60

Tested By:

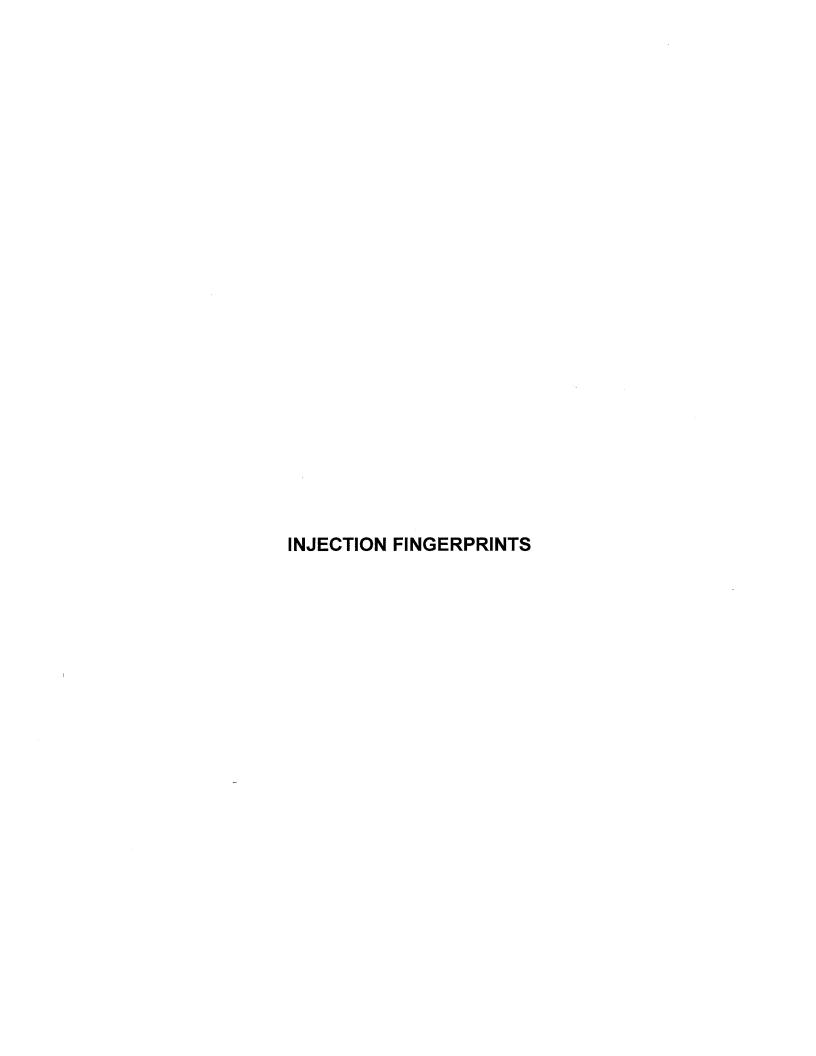
Gary Nicholson

Date: 10/11/2021

(print or type name)



No Maintainance this month



RECEIVINGINFOR	RMATION
Date	6/36/22
Receiving ID#	206302204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.ガ
Sampled by	66

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1.02	
Yes	No
Yes	No
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Yes	No
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J. 7	
) 192 7.2 1.02 Yes Yes 73.23.2.5

RECEIVINGINFOR	RMATION "
Date	6/30/22
Receiving ID#	206302203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	- Parameter - Para
Transporter	
Time in	
Time out	-
Received by	J,H
Sampled by	BR.
	/

LAB INFORMA	TION *	
Compatible? (RT#)	4	
PCBs (ppm) (Oily Waste		
Only)?	`	
TOC ppm (CC Waste Only)?	4444	
Flash Point (F)	>140	
pH (S.U.)	2.28	
Cyanides? (mg/L)		
Sulfides? (ppm)?	744	
Specific Gravity	1.02	-
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	29.0,	3
% Solids	0.00	<u> </u>
Turbidity	Yes	No
Color		
TSS (%)	10-1	
Radiation Screen (as needed)		
Lab Signature/Initials	J. 対、	

RECEIVINGINE	DRMATION :
Date	6/30/22
Receiving ID#	I06302202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	,
Time in	
Time out	
Received by	J.77
Sampled by	74.
	. () -

LAB INFORMA	TION	
Compatible? (RT#)		XII.2
PCBs (ppm) (Oily Waste	The state of the s	
Only)?		
TOC ppm (CC Waste Only)?	Control Control	
Flash Point (F)	>14	0
pH (S.U.)	6.97	
Cyanides? (mg/L)		
Sulfides? (ppm)?	1	
Specific Gravity	1.01	
Physical Description .		<i>}</i>
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	17.74	~5
% Solids	0,60	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		
Lab Signature/Initials	て. H.	

RECEIVING INFOR	RMATION "
Date	6/30/22
Receiving ID#	IO6302201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	· ·
Time out	
Received by	
Sampled by	J.A.
	()

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	-	
Flash Point (F)	2140	
pH (S.U.)	6.93	
Cyanides? (mg/L)	**************************************	
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description .	LI LILIE	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	17.87	m S
% Solids	1.20	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		
Lab Signature/Initials	14.75	

RECEIVING INFO	RMATION
Date	6/29/22
Receiving ID#	206292204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	,
Time out	
Received by	
Sampled by	L Bh

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	and the same of th	
Only)?		
TOC ppm (CC Waste Only)?	The work	
Flash Point (F)	>140)
pH (S.U.)	6.89	
Cyanides? (mg/L)	***************************************	
Sulfides? (ppm)?		
Specific Gravity	1.0)	
Physical Description	***************************************	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	18791	
% Solids	2.2	
Turbidity	Yes	No
Color		
TSS (%)	101	
Radiation Screen (as needed)		
Lab Signature/Initials	L.T.	

RECEIVINGINFO	RMATION
Date	16/29/22
Receiving ID#	206297703
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	· ·
Generator	**************************************
Client	
Transporter	
Time in	E .
Time out	
Received by	(7.万)
Sampled by	BB.

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>	140
pH (S.U.)	7.	0)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	52_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	26	1.2 ms
% Solids	21	53
Turbidity	Yes	No
Color		
TSS (%)	4.	0,)
Radiation Screen (as needed)		
Lab Signature/Initials	5,3	K

RECEIVINGINE	DRMATION
Date	6/29/22
Receiving ID#	I06292202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	, उस
Sampled by	, EA

LAB INFORMA	TION .	
Compatible? (RT#)	Y	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	***************************************	
Flash Point (F)	>14	<i>O</i>
pH (S.U.)	7.05	
Cyanides? (mg/L)		
Sulfides? (ppm)?	4	
Specific Gravity	1.02	_
Physical Description .		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	2807	~5
% Solids	2.62	and the same of th
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		
Lab Signature/Initials	5,>)

RMATION
6/29/22
IOG 29 2201
Yes No
1
0.71

LAB INFORMA	TINN.	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	**************************************	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.))14 6.8	la
Cyanides? (mg/L)	2	
Sulfides? (ppm)?		
Specific Gravity	1.02	_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	
Conductivity	32,2	m 5
% Solids	2.64	
Turbidity	Yes	No
Color		
TSS (%)	201	
Radiation Screen (as needed)		
Lab Signature/Initials	丁.剂	

RECEIVING INFOR	MATION
Date	6/24/22
Receiving ID#	I06242201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	DM

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		La Malifera
Flash Point (F)	>140	
pH (S.U.)	7.12	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	33.20	J
% Solids	1.78	
Turbidity	Yes	No
Color		
TSS (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	Jrt7	

RECEIVING INFO	RMATION :
Date	6/23/22
Receiving ID#	I06232204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	gw

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140)
pH (S.U.)	7.00	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1-02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72_	
Conductivity	33.9.	2~
% Solids	2,12	/
Turbidity	Yes	No
Color		
TSS (%)	100	
Radiation Screen (as needed)	,	
Lab Signature/Initials	J.7	

100	
RÉCEIVING INFOR	MATION
Date	6/23/22
Receiving ID#	IOG 23 22 03
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.17
Sampled by	BW

AD INCODES		
Competibles (DT#	HUIV.	
Compatible? (RT#) PCBs (ppm) (Oily Waste	<u> </u>	
Only)?		
TOC ppm (CC Waste Only)?		
	<u> </u>	21
Flash Point (F)	>140	<u> </u>
pH (S.U.)	1.74	
Cyanides? (mg/L)	7	
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	48.3	m5_
% Solids	3.60	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		
Lab Signature/Initials	5.13	

RECEIVING INFOR	MATION
Date	6/23/22
Receiving ID#	IO6 232202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	TE

TO LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		<u> </u>
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	W
pH (S.U.)	1.2	1
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.05	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	102.7 05	
% Solids	5.91	
Turbidity	Yes	No
Color		
TSS (%)	50	.)
Radiation Screen (as needed)		
Lab Signature/Initials	<u> </u>	77

RECEIVING INFO	ORMATION
Date	6/23/22
Receiving ID#	IO6 23 2201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time in	
Time out	577
Received by	
Sampled by	A
	() .

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	-	
Only)?	character and the same and the	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>148)
pH (S.U.)	2.0	50
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	100	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	9.80 5	
% Solids	人	0.1
Turbidity	Yes	No
Color		
TSS (%)	<0.	1
Radiation Screen (as needed)		· · · · · · · · · · · · · · · · · · ·
Lab Signature/Initials	て,ナ)

4.00	
RECEIVINGINFOR	RMATION
Date	6/22/22
Receiving ID#	6/12/22 20672725
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	び、か
Sampled by	65

LAB INFORMA	TION	
Compatible? (RT#)	T 9	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	,	
Flash Point (F)	3142	
pH (S.U.)	19.9	3
Cyanides? (mg/L)		
Sulfides? (ppm)?	-	
Specific Gravity	1.5)	
Physical Description	and the state of t	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	34.4 0	
% Solids	2.38	
Turbidity	Yes	No
Color		
TSS (%)	400)
Radiation Screen (as needed)	A A A A A A A A A A A A A A A A A A A	
Lab Signature/Initials	び.対	

1985 T. C. C. C. C. C. C. C. C. C. C. C. C. C.	
RECEIVING INFOR	MATION
Date	6/2422
Receiving ID#	Z06222204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	***************************************
Client	
Transporter	
Time in	
Time out	
Received by	J.n.
Sampled by	Ph

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	4.4.	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1140	5
pH (S.U.)	(09	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	341	ym5_
% Solids	1.97	
Turbidity	Yes	No
Color		
TSS (%)	くめ	-1
Radiation Screen (as needed)	/	
Lab Signature/Initials	J.H.	

RECEIVING INFO	RMATION
Date	6/22/22
Receiving ID#	工06222203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	12

LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 21	42)
pH (S.U.)	6.71	0
Cyanides? (mg/L)		
Sulfides? (ppm)?	-	
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	79	
Conductivity	33.1 ,	~ S
% Solids	1.68	
Turbidity	Yes	No
Color		
TSS (%)	100)
Radiation Screen (as needed)		
Lab Signature/Initials		

RECEIVING INFO	RMATION
Date	6/24/22
Receiving ID#	50/24/27
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	びが
Sampled by	

TION:	
4	
>1	49
6.9	D
1	
1.02	
Yes	No
Yes	No
75	
35.5	~5
1.8	D
Yes	No
201	
7	
J.M	
	Yes Yes 75 35.5 1.8 Yes

RECEIVING INFOR	RMATION
Date	6/22/22
Receiving ID#	I 0622 2201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter ·	
Time in	
Time out	
Received by	J.11
Sampled by	

LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	1	
Flash Point (F)	>142)
pH (S.U.)	6,9	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	34:2 ms	
% Solids	3,29	
Turbidity	Yes	No
Color		
TSS (%)	601	
Radiation Screen (as needed)	700	
Lab Signature/Initials	J. 7)	

RECEIVING INFOR	RMATION - CONTAINS
Date	6/21/22
Receiving ID#	206212204
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	なり
Sampled by	66

LAB INFORMA	TION.	
Compatible? (RT#)	T U	
PCBs (ppm) (Oily Waste		*************************************
Only)?	\	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	10
pH (S.U.)	6.9	5
Cyanides? (mg/L)		
Sulfides? (ppm)?	additional and a second	
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	35.7 ~	
% Solids	3.00	
Turbidity	Yes	No
Color		
TSS (%)	40.	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.18	

RECEIVING INFOR	RMATION
Date	6/21/22
Receiving ID#	Z06212203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	-
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	るが
Sampled by	PA

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	6-80	3
Cyanides? (mg/L)	T-10-11-11-11-11-11-11-11-11-11-11-11-11-	,
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	36.5,	<i>-</i> رک
% Solids	2.24	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)	,	
Lab Signature/Initials	ゴーか	

tong the second second	
RECEIVING INFOR	MATION
Date	6/21/22
Receiving ID#	206212202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	_
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	ひ. 八
Sampled by	BB.

LAB INFORMA	HON:	
Compatible? (RT#)	. 4	
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>16	10
pH (S.U.)	6.7	5
Cyanides? (mg/L)	толина п	
Sulfides? (ppm)?		
Specific Gravity	1.02	_
Physical Description	THE STATE OF THE S	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	80	
Conductivity	36.005	
% Solids	1.51	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		
Lab Signature/Initials	(A)	

Control of the Contro	
RECEIVING INFOR	MATION
Date	6/21/22
Receiving ID#	IO6212201
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	び、ガン
Sampled by	DM.

4		
2AB INFORMA	IIUN:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	***************************************	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	<u> </u>
pH (S.U.)	6.45	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	36,	Ins _
% Solids	1.76	
Turbidity	Yes	No
Color		
TSS (%)	30,	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.14	

RMATION
6/26/22
I062022 04
Yes No
J.H,
(Kr)

LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		····
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	Ŷδ
pH (S.U.)	6-8	7
Cyanides? (mg/L)		
Suifides? (ppm)?		
Specific Gravity	1.02)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7)	
Conductivity	35-7 ms	
% Solids	1.76	
Turbidity	Yes	No
Color		
TSS (%)	10	r)
Radiation Screen (as needed)		
Lab Signature/Initials	577	

RECEIVING INFOR	MATION
Date	6/20/22
Receiving ID#	IO6 202203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.77
Sampled by	AW

LAB INFORMA	TION	
Compatible? (RT#)	I	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	4	
Flash Point (F)	>140	
pH (S.U.)	67	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	
Conductivity	34.)	-m5
% Solids	2.0	7
Turbidity	Yes	No
Color		
TSS (%)	(01)	
Radiation Screen (as needed)		
Lab Signature/Initials	JU	<u>)</u>

RECEIVING INFO	RMATION
Date	6/20/22
Receiving ID#	I06202202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	び, ナ)、
Sampled by	5/4

LAB INFORMA	TION-	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 1 4	<u>)</u>
pH (S.U.)	214 6.7	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77	
Conductivity	34.8.	<u> </u>
% Solids	1.46	
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)	,	
Lab Signature/Initials	J.H)	

RECEIVING INFO	RMATION
Date	6/20/22
Receiving ID#	IO6202201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	-
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(ブ:ブ)
Sampled by	EL

Compatible? (RT#) Y PCBs (ppm) (Oily Waste Only)? TOC ppm (CC Waste Only)? Flash Point (F)			
PCBs (ppm) (Oily Waste Only)? TOC ppm (CC Waste Only)? Flash Point (F)	LAB INFORMA	TION:	
Only)? TOC ppm (CC Waste Only)? Flash Point (F)	Compatible? (RT#)	Y	
TOC ppm (CC Waste Only)? Flash Point (F)		/	
Flash Point (F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm)? Specific Gravity Physical Description Stream Consistency Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	Only)?		
pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm)? Specific Gravity Physical Description Stream Consistency Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	TOC ppm (CC Waste Only)?		
Cyanides? (mg/L) Sulfides? (ppm)? Specific Gravity Physical Description Stream Consistency Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	Flash Point (F)	>1	40
Sulfides? (ppm)? Specific Gravity Physical Description Stream Consistency Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	pH (S.U.)	6.9	3
Specific Gravity Physical Description Stream Consistency Ves No Oil in Sample? Temperature (F) Conductivity Solids Turbidity Color TSS (%) Radiation Screen (as needed)	Cyanides? (mg/L)		
Physical Description Stream Consistency Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed) Yes No Yes No No (D.)	Sulfides? (ppm)?		
Stream Consistency Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	Specific Gravity	1.01	
Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	Physical Description		
Temperature (F) Conductivity Solids Turbidity Yes No Color TSS (%) Radiation Screen (as needed)	Stream Consistency	Yes	No
Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	Oil in Sample?	Yes	No
% Solids 1.93 Turbidity Yes No Color TSS (%) (D.) Radiation Screen (as needed)	Temperature (F)	73	,
Turbidity Yes No Color TSS (%) (D) Radiation Screen (as needed)	Conductivity	35,	5.3
Color TSS (%) (D,) Radiation Screen (as needed)	% Solids	1.9	3
TSS (%) (D) Radiation Screen (as needed)	Turbidity	Yes	No
Radiation Screen (as needed)	Color		
l	TSS (%)	(6,)
l	Radiation Screen (as needed)		
		ひ.ド	7

4.0	
RECEIVING INFO	RMATION
Date	6/17/22
Receiving ID#	I06 172706
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	The state of the s
Transporter	
Time in	
Time out	
Received by	
Sampled by	56

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1%	
pH (S.U.)	6.83	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	35.9	ns
% Solids	1.81	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		er.
Lab Signature/Initials	(1,4)	

44.0	
RECEIVING INFOR	MATION
Date	6/17/22
Receiving ID#	I06172205
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in _	
Time out	
Received by	J.H
Sampled by	pw

LAB INFORMA	MUN : - S	<i>i</i>
Compatible? (RT#)		·····
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 2	90
pH (S.U.)	6-	<u>477</u> 252-
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.52	
Physical Description	and the same of th	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77	
Conductivity	323	· ms
% Solids	1.14	
Turbidity	Yes	No
Color		
TSS (%)	₹0,1)
Radiation Screen (as needed)		
Lab Signature/Initials	J.12	

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RECEIVING INFOR	RMATION
Date	6/17/22
Receiving ID#	I66172203
Manifest # Line	
Land Ban Cert included	Yes ··· No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(だ)
Sampled by	DM

LAB INFORMA	TINN	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	ව
pH (S.U.)	6.90	7
Cyanides? (mg/L)	A THE STATE OF THE	,
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	29.7	Lm5
% Solids	1.72	
Turbidity	Yes	No
Color		
TSS (%)	LO.	١
Radiation Screen (as needed)		7
Lab Signature/Initials	J.)=	1

RECEIVING INFOR	MATION "
Date	6/17/22
Receiving ID#	206172204
Manifest # Line	9
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	るか
Sampled by	DM

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	Action and the second	
Flash Point (F)	>14l)
pH (S.U.)	608	72_
Cyanides? (mg/L)	ALI PARTE DE LA CALLANTA DE LA CALLA	
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description	1	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78	
Conductivity	29.3	5 m5
% Solids	1-81	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		
Lab Signature/Initials	J.H	:

400	
RECEIVING INFOR	RMATION
Date	6/17/22
Receiving ID#	I06172202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	ひ,か
Sampled by	DM

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		· · · · · · · · · · · · · · · · · · ·
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	i))
pH (S.U.)	7.3	,9
Cyanides? (mg/L)		
Sulfides? (ppm)?	Tan training	
Specific Gravity	1.6)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	300)	ms_
% Solids	1,8	7
Turbidity	Yes	. No
Color		
TSS (%)	40	-1
Radiation Screen (as needed)		· ·
Lab Signature/Initials	(J)	议

RECEIVING INFOR	MATION
Date	6/11/22
Receiving ID#	J06172261
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	-
Time in	
Time out	
Received by	J.H-
Sampled by	DM

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	Δ
pH (S.U.)	2.0	3
Cyanides? (mg/L)		
Sulfides? (ppm)?	464444	
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	70	lms
% Solids	2.7	5
Turbidity	Yes	No
Color		
TSS (%)	40.	.\
Radiation Screen (as needed)		· ·
Lab Signature/Initials	びった)

3.00	
RECEIVING INFOR	RMATION
Date	6/16/22
Receiving ID#	ICC 16 22 07
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	ぴ.ガー
Sampled by	AV

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	·	e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de
LAB INFORMA	TION .	
Compatible? (RT#)	<u> </u>	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>12	10
pH (S.U.)	6,6	79
Cyanides? (mg/L)		
Sulfides? (ppm)?	*	
Specific Gravity	1.62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	36,	3 ~ (
% Solids	1.9	2_
Turbidity	Yes	No
Color		
TSS (%)	Le) o /
Radiation Screen (as needed)		,
Lab Signature/Initials	5	<i>ii</i>)_

RECEIVINGINFOR	RMATION	
Date	6/16/22	
Receiving ID#	IOG 16 22 09 588	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	5,77	
Sampled by	DW _	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	140	
pH (S.U.)	7.25	
Cyanides? (mg/L)	Automorphism of the control of the c	
Sulfides? (ppm)?	distinct	
Specific Gravity	1.0)	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	33.1.	<u> </u>
% Solids	2-75	d ^p
Turbidity	Yes	No
Color		
TSS (%)	くひり	
Radiation Screen (as needed)		.*
Lab Signature/Initials	5,47	

RECEIVING INFOR	RMATION	
Date	6/16/22	
Receiving ID#	I06162206	SST-2
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(57)	
Sampled by	FS	
		•

	Carana Santana	4.004
LAB INFORMA	TION:	100
Compatible? (RT#)	Y	,
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	total total	
Flash Point (F)	>1	40
pH (S.U.)	10.5	19
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72)
Conductivity	37.7	m5
% Solids	1.8	9
Turbidity	Yes	No
Color		
TSS (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	かって	

RECEIVING INFOR	RMATION	
Date	6/16/22	
Receiving ID#	T06162206	551-1
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(47)	
Sampled by	E	
		•

	N. K. C. C. C. C. C. C. C. C. C. C. C. C. C.	V.0.9*194.6534016.553
LAB INFORMA	TION	A CONTRACT
Compatible? (RT#)	<u> </u>	
PCBs (ppm) (Oily Waste	/	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	5.0	-7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1 1,12)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	787	m5
% Solids	10,	017
Turbidity	Yes	No
Color		
TSS (%)	40.	-\
Radiation Screen (as needed)		
Lab Signature/Initials	J.77	

RECEIVING INFOR	RMATION
Date	6/16/22
Receiving ID#	Z0616 22 05
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	コ・ガ、
Sampled by	AW

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.8	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	82	
Conductivity	35.7.	αŠ
% Solids	1.38	
Turbidity	Yes	No
Color		
TSS (%)	40,	1
Radiation Screen (as needed)		5"
Lab Signature/Initials	J. 17	

RECEIVINGINFOR	RMATION "	
Date	6/16/22	
Receiving ID#	IO6167204	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	5.7)	
Sampled by	Ma	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	44	
Flash Point (F)	2/3	10
pH (S.U.)	6.96	
Cyanides? (mg/L)	411	
Sulfides? (ppm)?		
Specific Gravity	(.0)	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	35.1	~S
% Solids	1.51	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)		
Lab Signature/Initials	なて	

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RECEIVING INFOR	MATION
Date	6/18/22
Receiving ID#	206162203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H-
Sampled by	BM

LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	3/4	
pH (S.U.)	6,8	33
Cyanides? (mg/L)		
Sulfides? (ppm)?	***************************************	
Specific Gravity	1.02	_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	33.7	6
% Solids	1.11	
Turbidity	Yes	No
Color		
TSS (%)	<01	
Radiation Screen (as needed)		
Lab Signature/Initials	J. #)

RECEIVING INFOR	MATION
Date	6/16/22
Receiving ID#	T06162202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(ブッナ)
Sampled by	DM

LAB INFORMA	TIONS,	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	6.7	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76	
Conductivity	330 "	√)
% Solids	2.44	
Turbidity	Yes	No
Color		
TSS (%)	くめょ	
Radiation Screen (as needed)	, , , , , , , , , , , , , , , , , , , ,	
Lab Signature/Initials	.	<i>H</i>

RECEIVING INFOR	RMATION
Date	6/16/22
Receiving ID#	Z06162701
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	Activities and the second seco
Client	
Transporter	
Time in	
Time out	
Received by	MID
Sampled by	BM

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	2140	29
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	102	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76	
Conductivity	33,8	~S_
% Solids	2.11	
Turbidity	Yes	No
Color		
TSS (%)	LO.	1
Radiation Screen (as needed)		
Lab Signature/Initials	丁. 沿	

RECEIVING INFOR	MATION "
Date	6/1S/22
Receiving ID#	Z06152208
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	The state of the s
Received by	J. M
Sampled by	G-Fow

AD INCODES		
LAB INFORMA	HIOIX	
Compatible? (RT#)	<u> </u>	
PCBs (ppm) (Oily Waste		
Only)?	ļ	
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	40
pH (S.U.)	6	79
Cyanides? (mg/L)		•
Sulfides? (ppm)?	#	
Specific Gravity	1.02-	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76)
Conductivity	34,1	pr-5
% Solids	3.62	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)	4000	
Lab Signature/Initials	<	5. M.

RECEIVING INFOR	MATION - 22
Date	6/15/22
Receiving ID#	Z06152207
Manifest # Line	2
Land Ban Cert included	Yes · No
EGT Approval #	·
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.7)
Sampled by	Delw .

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	114)
pH (S.U.)	314 6:	79
Cyanides? (mg/L)		J
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76	>
Conductivity	35,6	n 5
% Solids	1.97	,
Turbidity	Yes	No
Color		
TSS (%)	46). \
Radiation Screen (as needed)		
Lab Signature/Initials		J.t).

English Control of the Control of th	
RECEIVINGINE	DRMATION
Date	6/15/22
Receiving ID#	TOGS 2206
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.7%
Sampled by	L BAL
	(1.

LAB INFORMA	TION:	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste	/	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	3140	خ
pH (S.U.)	6	84
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77	
Conductivity	36200	
% Solids	2,42	
Turbidity	Yes	No
Color	.,	
TSS (%)	(0.1	:D
Radiation Screen (as needed)		
Lab Signature/Initials	J.1	H).

RECEIVING INFO	RMATION
Date	6/15/22
Receiving ID#	I06152206
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H
Sampled by	174

	Market Walter Company	Operated territories
LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	679	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77	
Conductivity	35,8,	n\$
% Solids	2.05	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		
Lab Signature/Initials	3元	

RECEIVING INFOR	MATION
Date	6/15/22
Receiving ID#	IO6152264
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	_
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.79
Sampled by	MC

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		i late
Flash Point (F)	>140)
pH (S.U.)	2140	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	33,600	٠\$
% Solids	1.87	
Turbidity	Yes	No
Color		
TSS (%)	201	
Radiation Screen (as needed)		er .
Lab Signature/Initials	J.H.	

RECEIVING INFOR	RMATION
Date	6/15/22
Receiving ID#	IO6 15 22ez
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.7.
Sampled by	DM

LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	6.87	UP
pH (S.U.)	6.87	2_
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	
Conductivity	36405	
% Solids	3.34	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)		
Lab Signature/Initials	てて	Y .

RECEIVING INFO	RMATION
Date	6/15/22
Receiving ID#	I0615-2201
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	ゴーナ
Sampled by	"M

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	6-8	3
Cyanides? (mg/L)	Transfer of the state of the st	
Sulfides? (ppm)?	Militari and and and and and and and and and and	
Specific Gravity	1.04	
Physical Description		7
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7)	
Conductivity	35,5	~ 5
% Solids	2.6)	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)	<i>p</i>	
Lab Signature/Initials	マンソ)	

RECEIVING INFO	RMATION
Date	6/14/22
Receiving ID#	206142209
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	0.70
Sampled by	DM.

LAB INFORMA	TION	
Compatible? (RT#)	T T	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	444	
Flash Point (F)	> 11	10
pH (S.U.)	1.22	r
Cyanides? (mg/L)	111111111111111111111111111111111111111	
Sulfides? (ppm)?		
Specific Gravity	1.06	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	
Conductivity	7100	50,05
% Solids	8,90	
Turbidity	Yes	No
Color		:
TSS (%)	40,)
Radiation Screen (as needed)		
Lab Signature/Initials	一人で	

RECEIVING INFOR	MATION
Date	6/14/22
Receiving ID#	TO6 1472208
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	-
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Bn

" LAB INFORMA	TION	
Compatible? (RT#)		70.00 X 4.00 x 20.00 x 20.00 x 20.00
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	U .
pH (S.U.)	lo.	83
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	60	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	
Conductivity	35,1	ms
% Solids	4.31	
Turbidity	Yes	No
Color		
TSS (%)	くら	7.1
Radiation Screen (as needed)		
Lab Signature/Initials	ゴック	

RECEIVING INFO	RMATION
Date	6/14/22
Receiving ID#	IO6142207
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(4.20
Sampled by	AV

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	140	
pH (S.U.)	6.82	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	
Conductivity	360	
% Solids	4.19	
Turbidity	Yes	No
Color		
TSS (%)	201	
Radiation Screen (as needed)		
Lab Signature/Initials	(J.)	

RECEIVING INFO	DRMATION
Date	6/14/22
Receiving ID#	I06142206
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	, J.M
Sampled by	DA

221 N. 27 (224) 1003-00-002		
LAB INFORMA	MON:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>/\	10
pH (S.U.)	6.9)	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	-
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	
Conductivity	364	An.S
% Solids	2.95	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)		
Lab Signature/Initials	エナ)	

RECEIVINGINFOR	RMATION
Date	6/14/22
Receiving ID#	I06142205
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. 7).
Sampled by	M

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LAB INFORMA	ATION .	
Compatible? (RT#)	the state of the s	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 14	ව
pH (S.U.)	6.7	y
Cyanides? (mg/L)	THE STATE OF THE S	
Sulfides? (ppm)?		
Specific Gravity	1.0	2_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	35,8	mŠ
% Solids	165	7
Turbidity	Yes	No
Color		
TSS (%)	4	0.1
Radiation Screen (as needed)		2.5
Lab Signature/Initials	0,)	7

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RECEIVING INFO	RMATION
Date	6/14/22
Receiving ID#	IO6142204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	Jill
Sampled by	

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140)
pH (S.U.)	6.83	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	34.5	~ 5
% Solids	2-85	
Turbidity	Yes	No
Color		
TSS (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	J.77	

RECEIVING INFOR	RMATION
Date	6/14/22
Receiving ID#	Id6142703
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.72
Sampled by	DM

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LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	140	-
pH (S.U.)	6.81	
Cyanides? (mg/L)	The state of the s	
Sulfides? (ppm)?	-	
Specific Gravity	1.03	
Physical Description	- Laboratoria	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	33.5	n 5
% Solids	3,05	
Turbidity	Yes	No
Color		
TSS (%)	101	
Radiation Screen (as needed)		
Lab Signature/Initials	J.17	

RECEIVING INFO	RMATION
Date	6/14/22
Receiving ID#	IO6142202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	·
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	はらり
Sampled by	DM

TAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	ie.	77
Cyanides? (mg/L)	**************************************	
Sulfides? (ppm)?	-	
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	31,8	25
% Solids	3.47	7
Turbidity	Yes	No
Color		
TSS (%)	(0.	\
Radiation Screen (as needed)		
Lab Signature/Initials	J.Y	7

RECEIVINGUNFOR	MATION
Date	6/14/22
Receiving ID#	IO6142261
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5,7
Sampled by	BM

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	-	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	٧١٤	<u>d</u>
pH (S.U.)	6.	86
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70)
Conductivity	31.7	1075
% Solids	1.2	armen'
Turbidity	Yes	No
Color		:
TSS (%)	40.)
Radiation Screen (as needed)		·
Lab Signature/Initials	O, r	2

RECEIVING INFOR	MATION
Date	6/13/22
Receiving ID#	I06132208
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	571
Sampled by	AW

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	1444	
Flash Point (F)	1)11	10
pH (S.U.)	10-	81
Cyanides? (mg/L)		
Sulfides? (ppm)?	-	
Specific Gravity	1.0	1
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70)
Conductivity	31.7	1 25
% Solids	3.7	7
Turbidity	Yes	No
Color		
TSS (%)	(0	1
Radiation Screen (as needed)	*	
Lab Signature/Initials	J	1)-)

RECEIVING INFOR	MATION
Date	6/13/22
Receiving ID#	IO6 132207
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	AW

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14 (e-1	D
pH (S.U.)	Ce.T	18
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	30.6	× 25 ·
% Solids	298	
Turbidity	Yes	No
Color		
TSS (%)	40.1)
Radiation Screen (as needed)		21
Lab Signature/Initials	16.70	

RECEIVINGUNFOR	RMATION
Date	6/13/22
Receiving ID#	I06132206
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	·
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	AW

	120000000000000000000000000000000000000	
LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	-	
Only)?		
TOC ppm (CC Waste Only)?		41.1000
Flash Point (F)		
pH (S.U.)	6.79	3
Cyanides? (mg/L)	THE COLUMN TO TH	*
Sulfides? (ppm)?	***************************************	
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75	·
Conductivity	31.3m	5
% Solids	2-33	
Turbidity	Yes	No
Color		
TSS (%)	301	
Radiation Screen (as needed)		
Lab Signature/Initials	(イ.で)	

RECEIVING INFOR	MATION
Date	6/18/22
Receiving ID#	206/32205
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.F)
Sampled by	731

The state of the s	and the state of the same and the same of the same	
LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	4	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140 475	
pH (S.U.)	675	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	50	
Conductivity	290~	5
% Solids	3.14	
Turbidity	Yes	No
Color		
TSS (%)	< 8-1	
Radiation Screen (as needed)		
Lab Signature/Initials	J. H	

RECEIVING INFOR	RMATION
Date	6/10/22
Receiving ID#	I06102204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(177)
Sampled by	AN

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	ンハ	10
pH (S.U.)	6.	70
Cyanides? (mg/L)	4	
Sulfides? (ppm)?	ALCONOMINA	
Specific Gravity	1.0	12-
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	31.5,	3
% Solids	2-6%	7
Turbidity	Yes	No
Color		
TSS (%)	40-	\
Radiation Screen (as needed)		e.
Lab Signature/Initials	Jith	-

RECEIVING INFOR	MATION
Date	6/13/22
Receiving ID#	206132204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator .	
Client	
Transporter	
Time in	
Time out	
Received by	のが
Sampled by	DM

LAB INFORMA	TION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.73	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	フも	
Conductivity	31.0m	5
% Solids	393	
Turbidity	Yes	No
Color		
TSS (%)	50-1	
Radiation Screen (as needed)		
Lab Signature/Initials	J. 73-	

RECEIVING INFOR	RMATION
Date	6/13/22
Receiving ID#	T66132207
Manifest # Line	- 26
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	M

	CKON NOW EXPERIENCE	500 Sept 104 SECTION 15 SECTION 15
LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	か
pH (S.U.)	6.	68
Cyanides? (mg/L)	41	
Sulfides? (ppm)?	411444	
Specific Gravity	102	
Physical Description	1	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	360	1 ~ 5_
% Solids	2.46	
Turbidity	Yes	No
Color		
TSS (%)	(0	(رد
Radiation Screen (as needed)		
Lab Signature/Initials	J.H.	

4.0 Sec. 3.0	Ale Comments
RECEIVING INFO	RMATION
Date	6/13/22
Receiving ID#	Jole 132701
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	せ.か
Sampled by	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	6	.84
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	34.9	
% Solids	3.34	
Turbidity	Yes	No
Color		
TSS (%)	<i>くの</i> 、	Ĭ
Radiation Screen (as needed)		: ,
Lab Signature/Initials	(4.0	

#RECEIVING INFO	DRMATION
Date	6/10/22
Receiving ID#	6/10/22 F06/02205
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	<u>.</u>
Generator	A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	56

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LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	40
pH (S.U.)	(97)	2-
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,0	12-
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70)
Conductivity	34.5	mŚ
% Solids	1.93	5
Turbidity	Yes	No
Color		
TSS (%)	40	-1
Radiation Screen (as needed)		
Lab Signature/Initials		

RECEIVING INFO	RMATION	
Date	6/10/22	
Receiving ID#	T06162203	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	Jith	
Sampled by	DM	

LAB INFORMA	TION';	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2148 6.84	
pH (S.U.)	6.84	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	34.000	5
% Solids	2-80	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		
Lab Signature/Initials	O(t)	

August and the second	
RECEIVING INFOR	RMATION
Date	6/10/22
Receiving ID#	J06102202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5,72
Sampled by	DY

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	and the state of t	
Flash Point (F)	6.94)
pH (S.U.)	6.94	
Cyanides? (mg/L)	44	
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	35.)~	J
% Solids	2.63	
Turbidity	Yes	No
Color		
TSS (%)	50.	1
Radiation Screen (as needed)		
Lab Signature/Initials	けんじ)

RECEIVING INFO	RMATION
Date	6/10/22
Receiving ID#	IO6102001
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.77-
Sampled by	BM

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6,90	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	35,9,0	,5
% Solids	2,38	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)		
Lab Signature/Initials	(KID	

1.00 To 10 T	
RECEIVING INFO	RMATION
Date	6/9/22
Receiving ID#	I060900204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(7.3)
Sampled by	14
- :	

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	5.5	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	69.1	1 m 5
% Solids	10.71	
Turbidity	Yes	No
Color		
TSS (%)	40,	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.ガ.	

(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	
RECEIVING INFO	RMATION
Date	6/9/22
Receiving ID#	J06092203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	-
Time in	
Time out	
Received by	3.77
Sampled by	
-	· ()

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	X)
pH (S.U.)	7,	2-2-
Cyanides? (mg/L)		
Sulfides? (ppm)?	in the second	
Specific Gravity	1.0	3
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	}
Conductivity	401	0,05
% Solids	50)'}
Turbidity	Yes	No
Color		
TSS (%)	(6	1
Radiation Screen (as needed)		177
Lab Signature/Initials		

RECEIVING INFOR	MATION
Date	6/09/22
Receiving ID#	206097202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	.
Received by	ゴ. バ
Sampled by	BB

LAB INFORMA	TION	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	6.90	
Cyanides? (mg/L)		
Sulfides? (ppm)?	4	
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	34-03,	~~~ <u>`</u>
% Solids	4,55	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)		
Lab Signature/Initials	5.7%	

RECEIVING INFOR	MATION
Date	6/09/22
Receiving ID#	X06092201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	·
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.17
Sampled by	LBB

		Water Company
LAB INFORMA	TIONS:	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.70	1
Cyanides? (mg/L)	411	1
Sulfides? (ppm)?	£	
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	37,500	}
% Solids	2.78	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		
Lab Signature/Initials	J.3	- 7

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RECEIVING INFO	RMATION
Date	6/8/22
Receiving ID#	I04082205
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(T.7)
Sampled by	入る
	()

LAB INFORMA	TION :- 1	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	
pH (S.U.)	6.5	34
Cyanides? (mg/L)	4	
Sulfides? (ppm)?	***************************************	
Specific Gravity	1.0	2_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	?
Conductivity	32-	8,5
% Solids	2.45	
Turbidity	Yes	No
Color		
TSS (%)	< <	24
Radiation Screen (as needed)		
Lab Signature/Initials		ア. お. て

RECEIVING INFOR	RMATION
Date	6/8/22
Receiving ID#	Z06082204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	·
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	3.77
Sampled by	DW

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LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	·	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F))140 67)
pH (S.U.)	6.	72
Cyanides? (mg/L)	The state of the s	
Sulfides? (ppm)?		
Specific Gravity	1.03	>
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	}
Conductivity	39.1	005
% Solids	3,00	0
Turbidity	Yes	No
Color		
TSS (%)	40), j
Radiation Screen (as needed)	*****	
Lab Signature/Initials		J.71

RECEIVING INFO	RMATION ***
Date	6/08/22
Receiving ID#	706082203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	はか
Sampled by	BB

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	681	}
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	38,0	ر کی
% Solids	3.49	
Turbidity	Yes '	No
Color		
TSS (%)	101	
Radiation Screen (as needed)		
Lab Signature/Initials	J.H	

RECEIVING INFOI	RMATION
Date	6/08/22
Receiving ID#	Z06082202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	び.ガ
Sampled by	BB

LAB INFORMA	TION:	
Compatible? (RT#)	IU	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>7	40
pH (S.U.)	6	288
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	6	7
Conductivity	.38.	6~5
% Solids	3,2	_2_
Turbidity	Yes	No
Color	·	
TSS (%)	10	<u> </u>
Radiation Screen (as needed)	111000	
Lab Signature/Initials		JA

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RECEIVING INFO	RMATION
Date	6/7/22
Receiving ID#	206072204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	¥ ¥
Time in	
Time out	
Received by	Q.D
Sampled by	Pw

LAB INFORMA	TION -	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	14)
pH (S.U.)	1.85)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	79	
Conductivity	45.8	ms
% Solids	3,2	0
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)	10000	
Lab Signature/Initials	J.H	·

RECEIVING INFOR	MATION
Date	6/7/22
Receiving ID#	I06072208
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	₫.₩、
Sampled by	W

LAB INFORMA	TION	
Compatible? (RT#)		× 00/ 10/ 00/ 00/ 00/ 00/ 00/ 00/ 00/ 00/
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140)
pH (S.U.)	6.9	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	32.6	oms
% Solids	3.75	~w
Turbidity	Yes	No
Color		
TSS (%)	< €	_1
Radiation Screen (as needed)	440	
Lab Signature/Initials	5,7)

RECEIVING INFOR	MATION
Date	6/08/22
Receiving ID#	20608-2201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.19
Sampled by	BB

LAB INFORMA	TION:	
Compatible? (RT#)	I , ч	
PCBs (ppm) (Oily Waste	1	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	10
pH (S.U.)	6.8	34
Cyanides? (mg/L)	an in the second	
Sulfides? (ppm)?	T-LEADING TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO T	
Specific Gravity	1.01	·
Physical Description	-	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	38.6	~S_
% Solids	4,1	
Turbidity	Yes	No
Color		
TSS (%)	(0	<u> </u>
Radiation Screen (as needed)		
Lab Signature/Initials	(でな)	

RECEIVING/INFOR	RMATION
Date	6/07/22
Receiving ID#	206072203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	***
Client	
Transporter	
Time in	
Time out	
Received by	J. H.
Sampled by	BB

LAB INFORMA	TION :- E	
Compatible? (RT#)	1	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	>140 5.64	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.05	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76	
Conductivity	55.5	na5
% Solids	3.25	
Turbidity	Yes	No
Color		
TSS (%)	40.)	
Radiation Screen (as needed)		
Lab Signature/Initials	J.H	

RECEIVING INFOR	MATION
Date	6/07/22
Receiving ID#	206072202
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	,
Received by	0.71
Sampled by	BB:

5		
LAB INFORMA	ITION : :	
Compatible? (RT#)	M	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	1	
Flash Point (F)		
pH (S.U.)	6.5	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77	
Conductivity	41.7	
% Solids	3.93	
Turbidity	Yes	No
Color		
TSS (%)	50.	1
Radiation Screen (as needed)		
Lab Signature/Initials	3,7)

4.1.4	
RECEIVING INFOR	RMATION
Date	6/6/22
Receiving ID#	706067204
Manifest #Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. 73
Sampled by	AW.

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140 6.87	
pH (S.U.)	6.87	,
Cyanides? (mg/L)		
Sulfides? (ppm)?	***************************************	
Specific Gravity	1.02	_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	37,8	m3
% Solids	2.69	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		
Lab Signature/Initials	J.77	

100	
RECEIVINGUNFOR	RMATION
Date	6/87/22
Receiving ID#	20607 2201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	5.11
Sampled by	BB

LAB INFORMA	TION	
Compatible? (RT#)	V	2 ()
PCBs (ppm) (Oily Waste		
Only)?	1	tr.biles.bater
TOC ppm (CC Waste Only)?		
Flash Point (F)	6.87	10
pH (S.U.)	6.87	2
Cyanides? (mg/L)		
Sulfides? (ppm)?	Merchan	
Specific Gravity	1.02	
Physical Description	the state of the s	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	360	2,5
% Solids	485	, ,
Turbidity	Yes	No
Color		
TSS (%)	40.)
Radiation Screen (as needed)		
Lab Signature/Initials	J.t	7

RECEIVING INFOR	MATION
Date	6/6/22
Receiving ID#	T06062203
Manifest # Line	1
Land Ban Cert included	Yes · No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	F. 5
Sampled by	AW

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	4	
Flash Point (F)	>140	
pH (S.U.)	6.75	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02_	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75	
Conductivity	35.7.	15
% Solids	1.58	
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		e.
Lab Signature/Initials	ा.भ	

RECEIVING INFOR	RMATION
Date	6/06/22
Receiving ID#	\$06067202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	みた
Sampled by	66

LAB INFORMA	TION	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste		
Only)?	\	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	678)
Cyanides? (mg/L)	The state of the s	
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	36.5	
% Solids	2-86)
Turbidity	Yes	No
Color		
TSS (%)	<0.	1
Radiation Screen (as needed)		
Lab Signature/Initials	(J.H)	

RECEIVING INFOR	RMATION
Date	6/6/22
Receiving ID#	T06062201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	July
Sampled by	DM

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	4	
Flash Point (F)	>1	40
pH (S.U.)	6	28
Cyanides? (mg/L)	The state of the s	
Sulfides? (ppm)?		
Specific Gravity	1.0	3
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	38,6	Enn S
% Solids	3.11	
Turbidity	Yes	No
Color		
TSS (%)	(8	~-\
Radiation Screen (as needed)		
Lab Signature/Initials	工, 为	

RECEIVING INFOR	MATION
Date	6/5/22
Receiving ID#	Z0605 2202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	-
Generator	
Client	
Transporter	
Time in	
Time out	9.11
Received by	J. J.
Sampled by	PW .

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		•
Flash Point (F)	5)40	9
pH (S.U.)	190	86
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	35,0	~! -
% Solids	3.24	2
Turbidity	Yes	No
Color		
TSS (%)	4 0	1
Radiation Screen (as needed)		
Lab Signature/Initials	RIT	

RECEIVINGUNFOR	RMATION
Date	6/5/22
Receiving ID#	I0605 2201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	ばり
Sampled by	AW

LAB INFORMA	TION	
Compatible? (RT#)	T T	
PCBs (ppm) (Oily Waste	<u> </u>	<u> </u>
Only)?	arithment and a second a second and cond and	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>141	
pH (S.U.)	6.8	33
Cyanides? (mg/L)		
Sulfides? (ppm)?	The state of the s	
Specific Gravity	1.02	/
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	343	~5
% Solids	334	
Turbidity	Yes	No
Color		
TSS (%)	10.	1
Radiation Screen (as needed)		
Lab Signature/Initials	(6,0	

RECEIVING INFORMATION			
Date	6/5/22		
Receiving ID#	To6057203		
Manifest # Line			
Land Ban Cert included	Yes No		
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by	グ.カ		
Sampled by	Told !		

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	ለ
pH (S.U.)	65	
Cyanides? (mg/L)		- <i>1</i>
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	60	
Conductivity	31.1	m 5
% Solids	3,4)
Turbidity	Yes	No
Color		
TSS (%)	40	1
Radiation Screen (as needed)		,
Lab Signature/Initials	J.	77

RECEIVING INFOR	MATION
Date	6/04/22
Receiving ID#	206042202
Manifest # Line	2.
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	66

LAB INFORMA	TION:	
Compatible? (RT#)	Г Ч	
PCBs (ppm) (Oily Waste		
Only)?	'	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >140	1
pH (S.U.)	6,6	9
Cyanides? (mg/L)		J
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	3016	ν. 2
% Solids	3.80	
Turbidity	Yes	No
Color		
TSS (%)	2001	
Radiation Screen (as needed)		
Lab Signature/Initials	ばり、	

RECEIVING INFOR	RMATION
Date	6/04/22
Receiving ID#	206042201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	12:0
Sampled by	66

LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	[
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	,
pH (S.U.)	>140	789
Cyanides? (mg/L)		_
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	•	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	32.0	tm5
% Solids	3,0	56
Turbidity	Yes	No
Color		
TSS (%)	くひ	- 1
Radiation Screen (as needed)		
Lab Signature/Initials	J/)).

RECEIVING INFO	RMATION **
Date	6/3/22
Receiving ID#	I06037207
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	なが、
Sampled by	13

LAB INFORMA	IION	
Compatible? (RT#)	<u> </u>	
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1140	
pH (S.U.)	6.6	7
Cyanides? (mg/L)		
Sulfides? (ppm)?	**************************************	
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	28.7,	~ 5
% Solids	3,10	
Turbidity	Yes	No
Color		
TSS (%)	< Ou	
Radiation Screen (as needed)	440	
Lab Signature/Initials	(T.)	-

Company of the second s	
RECEIVINGUNFO	RMATION -
Date	6/3/22
Receiving ID#	IO6032206
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	-
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	そう
Sampled by	

LAB INFORMA	TION	
Compatible? (RT#)		35 36 48 377 275 3
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		11.000
Flash Point (F)	3140	
pH (S.U.)	3740 6.44	
Cyanides? (mg/L)	-	
Sulfides? (ppm)?	The state of the s	
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	26.4	ms
% Solids	2.03	
Turbidity	Yes	No
Color		
TSS (%)	200	
Radiation Screen (as needed)		
Lab Signature/Initials	5.17	

RECEIVING INFOR	RMATION
Date	6/03/22
Receiving ID#	9-06032205
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	ふり
Sampled by	BB

		7.00
LAB INFORMA	TION:	
Compatible? (RT#)	$\mathcal{L} = \mathcal{V}_{\perp}$	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 140	
pH (S.U.)	7.06	2
Cyanides? (mg/L)	41	
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	4).4ms	
% Solids	3,90	
Turbidity	Yes	No
Color		
TSS (%)	100	
Radiation Screen (as needed)		
Lab Signature/Initials	(J. H)	_

RECEIVING INFOR	RMATION
Date	6/03/22
Receiving ID#	206032204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	BB

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	\	
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	9
pH (S.U.)	6.0	8
Cyanides? (mg/L)		
Sulfides? (ppm)?	- Attorna has	
Specific Gravity	1.03	
Physical Description	-	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78	
Conductivity	381	m 5
% Solids	i.82	
Turbidity	Yes	No
Color		
TSS (%)	(0))
Radiation Screen (as needed)		
Lab Signature/Initials	J.H.	

RECEIVING INFOR	MATION
Date	06/03- 2022
Receiving ID#	406032203
Manifest # Line	-
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	66

LAB INFORMA	HON	
Compatible? (RT#)	7	
PCBs (ppm) (Oily Waste		
Only)?	!	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>/	70 70
pH (S.U.)	(e.	70
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	30-3 m3	
% Solids	1.6	
Turbidity	Yes	No
Color		
TSS (%)	ζΟ.	1
Radiation Screen (as needed)		ş: .
Lab Signature/Initials	J.}}.	

RECEIVINGINFOR	MATION	
Date	6-2	- 2022
Receiving ID#	Z0602	2207
Manifest # Line		
Land Ban Cert included	Yes	·* No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.	T)
Sampled by	Pu	/

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>146 6-8)
pH (S,U.)	6.8	4
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	35.9	m5
% Solids	2.00	3
Turbidity	Yes	No
Color		
TSS (%)	(0.))
Radiation Screen (as needed)		;:
Lab Signature/Initials	ত ম	

RECEIVING INFOR	MATIC	ON		
Date	6	2.	20	722
Receiving ID#	Z06	02	22	06
Manifest # Line				
Land Ban Cert included	Yes		, *	No
EGT Approval #			. •	
Generator				
Client				
Transporter				
Time in				
Time out				
Received by		J.)	-),	
Sampled by		AV	V	

		(4)
LAB INFORMA	ION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	alan and an an an an an an an an an an an an an	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14 4.03	<u> </u>
pH (S.U.)	4.03	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.08	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	72.1	<u>ک</u> ے۔۔
% Solids	8,15	
Turbidity	Yes	No
Color		,
TSS (%)	401	
Radiation Screen (as needed)		>:
Lab Signature/Initials	J,H	

RECEIVING INFOR	MATION	
Date	06/03-	wit
Receiving ID#	20603	CLOZ
Manifest # Line		
Land Ban Cert included	Yes	- No
EGT Approval #		•
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	Just)
Sampled by	BP)

TAD INCODES	TION	
LABINFORMA		
Compatible? (RT#)	<u> </u>	
PCBs (ppm) (Oily Waste		
Only)?	 	
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	40
pH (S.U.)	6.7	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	35.5	"m^5
% Solids	2.82	2
Turbidity	Yes	No
Color		
TSS (%)	20.)
Radiation Screen (as needed)		97
Lab Signature/Initials	J.H.	

RECEIVING INFOR	RMATION
Date	06/03-2022
Receiving ID#	206032201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	66

LAB INFORMA	TION:	
Compatible? (RT#)	Į į	
PCBs (ppm) (Oily Waste		
Only)?	\`	
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 1	
pH (S.U.)	6.7	9
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	35.9	3 05
% Solids	4.2	
Turbidity	Yes	No
Color		
TSS (%)	40	-)
Radiation Screen (as needed)		>:
Lab Signature/Initials	J-1	

RECEIVING INFO	RMATION 1
Date	X06027205
Receiving ID#	X06022205
Manifest # Line	-
Land Ban Cert included	Yes No
EGT Approval #	
Generator	***
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	BB

LAB INFORMA	TION-	
Compatible? (RT#)	Ч	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	-	a Le autoine
Flash Point (F)	>14	D
pH (S.U.)	1.70)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	5
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	
Conductivity	97.1	1 m3
% Solids	5.4	
Turbidity	Yes	No
Color		
TSS (%)	く の	1
Radiation Screen (as needed)		×.
Lab Signature/Initials	て、万	

RECEIVING INFOR	RMATION .
Date	06/02-7000
Receiving ID#	Loborzona
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.71
Sampled by	<i>5</i> 5

LAB INFORMA	TIÓN	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140 60.71)
pH (S.U.)	6.71	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	
Conductivity	36.0,	کہ
% Solids	1.60	
Turbidity	Yes	No
Color		
TSS (%)	40.1	
Radiation Screen (as needed)		st.
Lab Signature/Initials	け、カ	

RECEIVING INFOR	MATION	
Date	6-2-3	27
Receiving ID#	IUGO72	203
Manifest # Line		
Land Ban Cert included	Yes	- No
EGT Approval #		•
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J. 1).	
Sampled by	DM	

LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		, //
Flash Point (F)	>14	10
pH (S.U.)	6.7	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	21	
Conductivity	36,2	mS
% Solids	1.70	
Turbidity	Yes	Nò
Color		
TSS (%)	40.	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.1	9

RECEIVINGINFOR	RMATION
Date	06/62-2012
Receiving ID#	206022202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	-
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	ひと
Sampled by	66

LAB INFORMA	TION .	
Compatible? (RT#)	ГЧ	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	6-83)
pH (S.U.)	6-83	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	35,6	~ ~ 5
% Solids	2,6	
Turbidity	Yes	No
Color		
TSS (%)	40	7.)
Radiation Screen (as needed)		. ,,
Lab Signature/Initials	J.H.	

RECEIVING INFOR	MATION
Date '	06/02-2022
Receiving ID#	IO6022201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.71
Sampled by	56

LAB INFORMA	TION	
Compatible? (RT#)	T Y	
PCBs (ppm) (Oily Waste		
Only)?	\	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 1	
pH (S.U.)	6.8	1
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0)	
Physical Description	-	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	33.40	m 5
% Solids	2.5	/
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		st.
Lab Signature/Initials	ひ. か、	

RÉCEIVING INFOR	RMATION - 1335
Date	6-1.22
Receiving ID#	I0601 2206
Manifest # Line	
Land Ban Cert included	Yes · No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	び. 対
Sampled by	AV

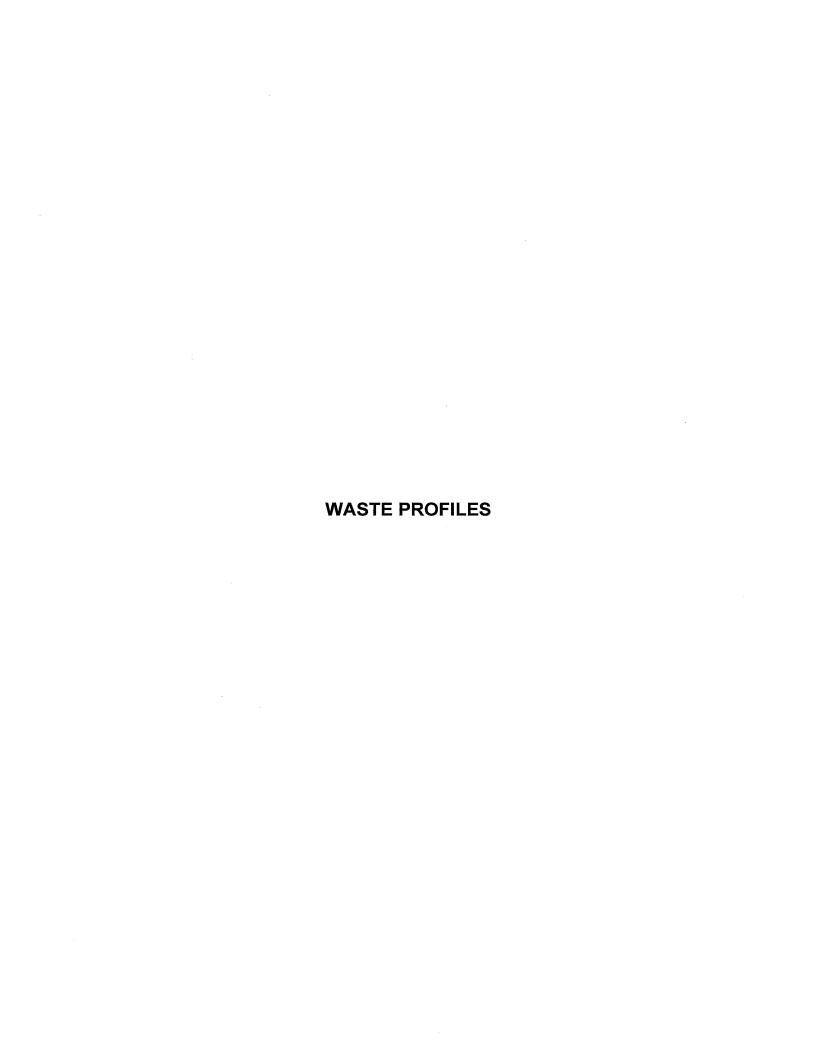
LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	<i>D</i>
pH (S.U.)	4.98	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.06	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	1
Conductivity	72.2	NE
% Solids	7,70	
Turbidity	Yes	No
Color		:
TSS (%)	LON	
Radiation Screen (as needed)		şî.
Lab Signature/Initials	の対	

RECEIVING INFOR	RMATION		
Date	6-1.	20	122
Receiving ID#	Z0601	22	OS
Manifest # Line			
Land Ban Cert included	Yes	, 14	No
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by			
Sampled by	DA	J	

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>11	10
pH (S.U.)	3,90	}
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	4
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	51.5	5 m/s_
% Solids	3.2	7
Turbidity	Yes	No
Color		
TSS (%)	(0,	7
Radiation Screen (as needed)		**.
Lab Signature/Initials	J, F	<u> </u>

RECEIVINGINFOR	MATION :
Date	6-1-22
Receiving ID#	I06012204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	1
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	エガ
Sampled by	DM

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	6.6	40
pH (S,U.)	6.6	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	4
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	52.6	9 m5
% Solids	3.2	6
Turbidity	Yes	No
Color		
TSS (%)	40.)
Radiation Screen (as needed)		şī ,
Lab Signature/Initials	J. 37	



SERVICES	R	epublic 18500 N. Allied V				
	SPECIAL W	ASTE DEPAR	TMENT	DECISION		
	Waste Profile 6440226646	••	Expirat 4/4/20	tion Date 23		
I. Decision Request:	🔽 Initial	Recertifica	tion	Change		
Disposal Facility: 6440 - Detroit Ind Well						
Generator Name: CYCLE CHEM INC.						
Generator Site Address: 550 INDUSTRIAL						
City: LEWISBERRY	County:		State:	PA	Zip:	
Name of Waste: CHROMIC ACID RINSEW	ATER					
Estimated Annual Volume: 10000 Gallons					······································	
Problematic Special Waste according to I If yes, which one? Approved by Special Waste Review Com-		O Yes ● No O Yes O No ●	N-1 8 - 11 - 1	ole		
			,,			
	tance and verific	Conditions or Li	mitations	on Approval	ith the site's permit re	equirements

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

Precautions, Conditions or Limitations on Approval

General Manager or Designee:

1/11/02

Name (Printed):

FROST

11

Republic Indu 28470 Citrin Dr. Roi	ISTrial and Energy Somulus, MI 48174 Telephone /	lutions, LLC 34 946 1000 Fax 734 9	GENERATOR W 46 1902 Profile #64402266	
Facility Address	<u>cle Chem, In</u> 50 Industrial	Drive so	PAID# PAD 067 00 NAICS Code: State Code: 560 2 PA Zip Code 17 38 · 4700 Fax: 717) 9	2 11 <i>0</i>
BILLING INFORMATI		SAME AS ABOVE		
Company Name:				
Address:		······································		## ######
City;		State	: Zip Code:	
Attention:			Fax: ()	
USEPA / STATE WASTI 1 This waste is conside 2. Regulated by TSCA?	EIDENTIFICATION	マン Wのヤケ 「i r	ise of ahrome pi	ated farts
		1008		
PHYSICAL CHARACT Color:	Suspended Sollds	Layers:	C#	
☐ White/Clear	X 0-1% □ 3-5%	CI Multi layered	Specific Gravity: □ <0.8 ★1.0 — 1.2	
Black/Brown Curry Celetish	□ 1-3 % □ > 5%	CI Bi-Layered	□ 0.8—1.0 □1.3—1.4	
m Other	2-4×4-6	Single Phase	Exact / Other	
			00°F) <>200°F	
OC CONCENTRATION -	Ø	PPM (MUST BE COMPLI		ed Cup () Open Cup
TOTAL COMPOSITION	OF WASTE - MUST BE EQUAL TO C	R GREATER THAN 100% (L15	TEACH CONSTITUENT <>1= 0 1%)	
CONSTITUENT		MAX MIN COM	STITUENT	MAX MIN
Water		■ 80. 100 % ■		
	c acid			
lead				

Vyasta Freidy - Hage 2

Republic industrial & Energy Scholices 128470 Calon Drive - Morrolla - MI 148474

REPUBLIC' SERVICES		blic Ser . Allied Way, Phoenix, A		
	SPECIAL WASTE D			
	Waste Profile #	Expiratio		
	6440226645	3/29/202		
l. Decision Request:	☑ Initial ☐ Rec	ertification [Change	
Disposal Facility: 6440 - Detroit Ind Well				
Generator Name: CYCLE CHEM, INC. Generator Site Address: 550 INDUSTRIAL	DOIVE			
city: LEWISBERRY	County:	State: PA		Zip:
Name of Waste: AMZ PLATING BATH WAS				
Estimated Annual Volume: 20,000 Gallons				
II. Special Waste Department Deci	sion: Approv	ved ORejected		
Management Method(s): Landfi	II Solidification	Bioremediation	Deep Well (Transfer Facility
Problematic Special Waste according to I	Republic? O Yes) No		
f yes, which one?				
Approved by Special Waste Review Com	mittee?	No Not Applicable		
The site must ensure that all pre-acception to acceptance and disposal of the	Precautions, Condition obtained and verification analer profiled waste.			th the site's permit requiremen
			Name (Pri	nted): <u>KEITH DIAMANTI</u>
Date: 5/19/2022		Annual Orași	·	nted): <u>KEITH DIAMANTI</u>
Special Waste Analyst Signature: Date: 5/19/2022 III. Facility Decision:		● Approved ○ Rej	ected	nted): <u>KEITH DIAMANTI</u>
Date: 5/19/2022 III. Facility Decision:	Precautions, Condition	• • • • • • • • • • • • • • • • • • • •	ected	nted): <u>KEITH DIAMANTI</u>

Name (Printed):

General Manager or Designee:

6.13.22

Date:

	otrial and Energy So ulus. Ml 48174. Telephone i	01000015, LLL 734 946 1000. Fax 734 946 1	Profile # 6440226	
GENERATOR INFORM	ATION Chem, Inc.	USEPA	10# PAD 067 0 98	822
Facility Address: 55	50 Industrial	Drive SICINA	ICS Code: State Code: 562	.112
city: Lew:sb	وبات	Slate:	PA Zip Code: 17	3'39
Contact: Troy	Taylor Tille: O.	MPhone: (71')) 93:	8 4700 Fax: (717) 9	38 0976
BILLING INFORMATIO	ON	SAME AS ABOVE		
Company Name:				
Address:				·
			Zip Code:	
			Fax: ()	
Process Generating Working Control of Manga Control of Ma	E IDENTIFICATION red to be: December 19 Non Hat Dyes BNo (PCBs, etc.) Paste Codes: DXX DXX	plete information may delay the	approval process): Dating Plating And F-1.5tcd RCRA Hazardous Waste Specific Gravity:	
© Black/Brown	□ 1-3 % □ > 5%	C) Bi-Layered	□ 0.8—1.0 □1.3—1.4	
Tother Green		Cl Single Phase	Exact / Other /./2	
VOC CONCENTRATION	t: 🗆 <73°F 🗅 73—100°F (101—140°F (0 141—200 PPM (MUST BE COMPLETI	1 10 — 12.5 3 > 12.5 PF 2 > 200 F 3 None 3 Clo ED) EACH CONSTITUENT <>1= 0.1%)	sed Cup 🗅 Open Cup
CONSTITUENT		MAX MIN CONS	TITUENT	MAX MIN
Nickelsu Sodium Hu	Hydroxide Ifate	- 8 10% Wat	m Hypophosphita	10.13% 65.73%

																•
Republic Industria	l & Energy	Solution	s - 2847	O'Citrin	Drive -	Rom	ulus - M1 -	48174				1	Waste F	Profile -	· Page	2
Metals: Indicate if If Generator know	this waste o	contains	any of t	he follow	ving me	etals	rator Knou	iladaa	CJ TCLP	-1407	- \1					
II Generator Kitow	Not Co			io miary.	Not		centration	uenĝe	Arsenic (D004	2 45		pm		ppm
	Present) HUCH IN A		P	resent		iceini oudii		Barium (8	•	D005	DZ <10		opm		ppm ppm
РСВ	55	ppm	Aroma	lic Amine			ppm		Cadmium	•	D006	□ <1	•		2,0	
Dioxins	0/	ppm	Pestici	des	11/	_	_ppm		Chromiur		D007	≌ 7 <5		ppm		ppm
Cyanides Reactive	e ©	ppm	Roden	ticides	38	<i>-</i>	_ppm		Lead (Pb)	D008	∃ < 5	ŗ	opm /c	00	ppm
Cyanides Total	œ,	ppm	Fungic	ides	32		_ppm		Mercury		D009	Ū ₹ 0.		ppm		ppm
Sulfides Reactive	ON.	ppm							Selenium		D010 D011	Σ1/<1. Σ1/<5	-	ppm		ppm
Sulfides Total	C)	ppm							Silver (Ag	3)	ווטם	T. 62	,	ppm		ppm
TCLP Organics	D012 D	043 ab	ove reg	ulatory	limits:	Pres	ent 3 No	i Preseni	12							
IS WASTE AN	OF THE F	OLLOV	VING?	:	At L	east	One Box I	Must Be C	hecked.							
☐ Radioactive	□ Water	Reacti	ive [1 Oxidiz	er (🗅 Sh	ock Sens	itive C	l Reactive	(other)	ם בי	OT Exp	losives	;		
O NIOSH Human	-Pasitive C	arcinoge	ens 🗆	NESH/	\P Was	stes (Benzene, (etc.) 🗀	Biological	31 K	one Appl	ly				
SHIPPING 1. Is this a DO 2. Reportable Qu 3. DOT Shippin PG	T Hazardi uantity (RQ) g Name ipment: iits to Ship dling Requi c:a[interpretation of the content of	Hazz Hazz Hazz Bul Now rements ATEM ATEM reant the on ment containted as	ardous (k Tanke 5 00 s includ 1: 2 ENT at I havy y inquir ined hak to mak	constituer (1900) ing PPE (1900) e perso y and person is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in is tellular in in in in in in in in in in in in in	ents formative	truck 6. Ye. examili kno	Anticipate Anticipate ined and a wiledge of tite, and consisteading	Rail Car ed Volume	/ Units per	informa	ation corble for	OT O, OC	and su	or or or or or or or or or or or or or o	d in t	e, no
If this box is chec Solutions makes Printed Name:	ved □ I rec	juest Re sistent v	enublic l	ndustrial esults of	& Ene	rav S	olutions no	at to corre	ct any incor I/or regulat	isistenci ory requ	es. Any irements Title	š. —	ons Rep	oublic li	ndusti	rial & Energy
•		#	71)								ريـــ	121	291	<u>. >∵</u>	·
Generator's Signa	ature:		1-1-1	4		-					Date	»;	-2/4	2 11.	۷/_	
GENERATO waste described obtained using a you have problen representative. 1. GCOO SAMPLING M	in the abo ny of the ap ns obtaining	ve refe plicable a repre	renced samplinesentativ	GENERA Io metho	TORS (ds cite e of you	WAST d in 4 ur wa	TE PROFILE O CFR 26: iste, please In al	E REPORT 1-Appendi	using an a x 1, Fill in t	appropr he samp	iate con ling info	tainer.	A repre in the s	sentat paces	ive sa	ample is one
3 JASON SAMPLE C							<u> </u>	<u>nem</u>								
4. Sample No. 5. CHAIN OF	#	Fact	20000	Prese	rvalion:	Yes	U amale m::	No.	nadu wala	the ea	mnle re	sepe fr	om one	n to an	othe	r
·	elinguished		Jerson		iuies I	Si	anpic mu	ar aryri D	Receiv		whie he		Date	10 00		Time
	(Signature)			Date	,		Time		(Signa	•						
Tara	Penn	mgd	2~			A	GM									
		- 0 '														

REPUBLIC"	j	Iblic Services N. Allied Way, Phoenix, AZ 85054	8
	SPECIAL WASTE	DEPARTMENT DECISION	N
	Waste Profile # 6440227265	Expiration Date 3/14/2023	
I. Decision Request:	🗸 Initial 🔲 Re	certification Change	
Disposal Facility: 6440 - Detroit Ind Well Generator Name: WOODARD			
Generator Site Address: 210 S. DELANE	······································		
City: OWOSSO	County:	State: MI	Zip:
Name of Waste: ALUMINUM WASH WATI Estimated Annual Volume: 20000 Gallon			
Management Method(s): Land Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Cor	PRepublic? Yes	Bioremediation Deep Well No No No No Not Applicable This or Limitations on Approva	Transfer Facility
The site must ensure that all pre-acception to acceptance and disposal of the	eptance and verification and	• •	
Special Waste Analyst Signature: Special Waste Analyst Signature:	Precautions, Condition	Nam ■Approved ○ Rejected ns or Limitations on Approva	ne (Printed): <u>Stephen Brown</u>

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee:

6.9.22

10

28470 Citrin Dr. Roi	s trial and Energy nulus, MI 48174. Telephor	ne 734 946 1000. Fax	734 948 1002 Pro i	file#	
GENERATOR INFORM	MATION		USEPA ID #MII	R000014373	
Facility Address: 210	S. Delaney Rd				
City: Owosso			State: MI	Zip Code: 48867	
Contact: Steve Inhuli		Phone: 6 .			
	Environmental Services	☐ SAME AS	ABOVE		
Address: 13040 Me			State:	Zin Code:	·
	Payable Title:				37-7651
Waste generated fro	om the acid cleaning stage of	the zirconium conversio	delay the approval process on	-	
Sample ID: Sample ID:	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION	the zirconium conversio	n coating process on	-	
Sample ID: Sample ID:	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION ared to be: 3 Non 19 2 Yes 2No (PCBs, etc.)	the zirconium conversio 4/19/21	n coating process on	aluminum.	
Sample ID: Sample ID:	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION ored to be: 3 Non 8 2 DYes 2No (PCBs, etc.) Vaste Codes:	the zirconium conversio 4/19/21 Hazardous Liquid Industria	al Waste	aluminum. Hazardous Wasle	
Sample ID: S: USEPA / STATE WAST This waste is consided. Regulated by TSCA? List ALL Applicable V	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION order to be: Silven Mon March 12 Dyes Silven (PCBs, etc.)	the zirconium conversion 4/19/21 Hazardous Liquid Industria	al Waste	Hazardous Wasie	
Sample ID: Some sample ID: Som	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION ared to be: 3 Non 19 3 Yes 2No (PCBs, etc.) Vaste Codes: 2 Suspended Solids	the zirconium conversio 4/19/21 Hazardous Liquid Industria	al Waste	eluminum. Hazardous Wasie pecific Gravity:	
Waste generated from Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature Sample ID: Signature ID: Signa	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION and to be: 3 Non is 3	Hazardous Liquid Industria Layers: Multi layer Bi-Layere	al Waste	pecific Gravity: 21.0 — 1.2 -1.0	
Sample ID: Since Sample	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION street to be: Si Non is 1979s 200 (PCBs, etc.) Vaste Codes: ERISTICS OF WASTE Suspended Solids 0.0-1% 0.3-5% 1.3-8 0.>-5% 1.2-4-24-4-6 t: 0.	Layers: Multi layer Single Pi 101—140°F	st Waste	pecific Gravity: [2] 1,0 — 1,2 —1,0	osed Cup □ Open Co
Sample ID: Since Sample	ERISTICS OF WASTE Suspended Solids O-1% Suspended Solids O-1% O-5% I -3% O-5% Suspended Solids O-1% O-5% Suspended Solids O-1% O-5% O-1% O-5% O-1-3% O-5% O-73°F O-73—100°F	Layers: Multi layer Single Pl 10 1—140°F □ 1 PPM (MUST BE	stred <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.41 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do	pecific Gravity: [2] 1,0 — 1,2 —1,0	MAX MIN
Sample ID: Since Sample	em the acid cleaning stage of 23325.01 Sample Date: S.I. 6/2/22 E IDENTIFICATION and to be: IN Non in India	Layers: Layers: Multi layer Single Pi 10 OR GREATER THAN 10 MAX MIN	stred <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.4 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do <0.8 do	pecific Gravity: [2] 1,0 — 1,2 —1,0	

Metals: Indicate if th If Generator knowled	is waste d dge-provi	contains ai de backup	ny of the following Lab Analysis	ng me	etals Generator Know	wledge	M TCLP DTOTA	AL				
	Not Cor	ncentration	n N	lat	Concentration	١	Arsenic (As)	D004	64 <5	ppm	ppm	
	Present		Pre	sent			Barium (Ba)	D005	2 <100	ppm	ppm	
PCB	2	ppm A	Aromatic Amine	24	opm		Cadmium (Cd)	D006	₩ <1	ppm	ppm	
Dioxins	63	ppm F	Pesticides	3	ppm	•	Chromium (Cr)	D007	₩ <5	ppm	ppm	
Cyanides Reactive	2	ppm F	Rodenticides	3	opm		Lead (Pb)	D008	⊠ <5	ppm	ppm	
Cyanides Total	60	• •	Fungicides	3	ppm		Mercury (Hg)	D009	₩ <0.2	ppm	ppm	
Sulfides Reactive	a	ppm					Selenium (Se)	D010	Ø <1	ppm	ppm	
Sulfides Total TCLP Organics DI	⊠ 012 D	ppm 043 abov	e regulatory lir	nits:	Present Li No	ot Present	Silver (Ag) M	D011	14 <5	ppm	ppm	
IS WASTE ANY C	OF THE F	OLLOWIN	NG?	At L	east One Box	Must Be Ci	hecked.			-		-
LI Radioactive	⊔ Water	Reactive	u Oxidize	r (3 Shock Sens	itive U	Reactive (other) <u>u</u> po	OT Explosiv	/08		
O NIOSH Human-P	ositive Ca	arcinogens	6 🗆 NESHAP	Was	tes (Benzene,	etc.) 🗆	Biological 🛂 N	one Appl	у			
SHIPPING IN 1. Is this a DOT 2. Reportable Quar 3. DOT Shipping N	Hazardo ntity (RQ)	ous Mate in pounds	rial (49CFR 1				O Yes 5		Class	UN	(NA	
PG ERG												
 Method of Shipm Number of Units Special Handlin 	to Ship N	3 Bulk T tow 20,0 ements in	00 gal 5 വ		aj6. Anticipate	Rall Car d Volume /	Units per Year:		©Totes at 20,00	<u>00 g</u> or	One Time	
CERTIFICATIO	N STA	TEMEN	NT.									_
I hereby represent attached document information, the inf material fact has b in the handling and	ts. Based formation een omit	d on my in containe ted as to	nquiry and pers ed herein is true make this info	ional e, ac mati	knowledge of curate, and co on misleading	those indi implete to . I underst	viduals responsi the best of my ki	ble for si nowledge	upplying or a and belief	obtaining Further	g the more, no	
lf this box is check Technologies make											onmental Geo-	
Printed Name: Ste	eve Inhul	lsen	, /)	1				Title:	Producti	on Mana	ager	_
3enerator's Signatur	e:>	Sto	a m	m				Date:	3/14/22			_
GENERATOR'S veste described in obtained using any selow. If you have p epresentative.	the above of the ap	e referenc plicable s	ced GENERATO sampling metho	RS W	ASTE PROFILE ited in 40 CFR	REPORT u 261-Appe	sing an appropri ndix 1. Fill in the	ate conta samplin	siner. A rep	esentation in the	ve sample is on spaces provide:	8
_{1.} Grab		2.	Totes									
SAMPLING METH	HOD		COLLECTIO	N PC	INT							
3 Chas Pete		SNAME	TITLE EMPI	AVE	:p ·		-					
4. Sample No. El 5. CHAIN OF CUS	P Rinse	e Water	Preservat	ion: Y	′es ⊒	No XI t sign belo	w when the sam	nple pas	ses from or	e to and	other.	
	uished by nature)	:	Date		Time		Received by: (Signature)		Date		Time	
	***************************************	·	T									

REPUBLIC SERVICES		Olic Services Allied Way, Phoenix, AZ 85054					
S	PECIAL WASTE DE	PARTMENT DECISION	•				
	Waste Profile # 6440227892	Expiration Date 6/2/2023					
I. Decision Request:	✓ Initial	tification Change					
Disposal Facility: 6440 - Detroit Ind Well							
Generator Name: LANZEN INC.							
Generator Site Address: 611 NE LIMITS							
City: MANCELONA	County:	State: MI	Zîp:				
Name of Waste: ALKALINE CLEANER & RII Estimated Annual Volume: 8000 Gallons	ISE WATER						
Estimated Annual Volume: 8000 Gallons							
II. Special Waste Department Decision:							
Special Waste Analyst Signature: Date: 6/14/2022 III. Facility Decision:		Name (P Approved ORejected or Limitations on Approval	rinted): <u>KEITH DIAMANTI</u>				

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

Name (Printed):

General Manager or Designee:

Date:

6.22.22

GENERATOR INFORMATION Name: Lanzen Inc. USEPA D # MID981194780				Profile #		
State: Mi			USEPA	ID# MID98119	4780	
State: Mi	Facility Address: 611	NE Limits	SIC/N#	ICS Code: State C	ode: 332999	
BILLING INFORMATION SAME AS ABOVE Company Name: ERG Environmental Services Address: 13040 Merriman Road City: Livonia State: Mi Zip Code: 48150 Attention: Title: Phone: (* * * * *) 437-9650 Fax: (* * * * *) 437-7651 WASTE INFORMATION Name of Waste/Common Chemical Name: Alkaline Cleaner & Rinse Water Process Generating Waste (Piesse be specific, incomplete information may delay the approval process): -Alkaline cleaner activition used on aluminum welded parts, plus rinse water. USEPA / STATE WASTE IDENTIFICATION 1. This waste is considered to be: We Non Hazardous Liquid industrial Waste Hazardous Waste 2. Regulated by TSCA? CIVEs Who (PCBs, etc.) 3. Liet ALL Applicable Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layera: Specific Gravity: White/Clear O-1% 3-5% Multi layered -0.8 W1.0—1.2 Bilack/Brown -1-3% -> 6% Bil-Layerat -0.8 W1.0—1.2 Bilack/Brown -1-3% -> 6% Bil-Layerat -0.8 W1.0—1.2 Discovery of the second of the second of the state of the second o						
Company Name: ERG Environmental Services Address: 13040 Merriman Road City: Livonia State: Mi Zip Code; 48150 Attention: Title: Phone: (* * * *) 437-9650 Fax: (* * * *) 437-7651 WASTE INFORMATION Name of Waste/Common Chemical Name: Alkaline Cleaner & Rinse Water Process Generating Waste (Please be specific, incomplete information may delay the approval process): -Alkaline cleaner solution used on aluminum welded parts, plus rinse water. USEPA / STATE WASTE IDENTIFICATION 1. This waste is considered to be: Mon Hazardous Liquid industrial Waste Hazardous Waste 2. Regulated by TSCA? Dives Mino (PCBs, etc.) 3. List ALL Applicable Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: White/Clear World Office Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: White/Clear World Office Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: Withle/Clear Office Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: Withle/Clear Office Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: Withle/Clear Office Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: Withle/Clear Office Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: Withle/Clear Office Waste Codes: PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: Withle/Clear Office Waste Codes: PHYSICAL CHARACTERISTICS OF Waste Color: Suspended Solids Layers: Specific Gravity: Withle/Clear Office Waste Codes: PHYSICAL CHARACTERISTICS OF Waste Color: Suspended Solids Layers: Specific Gravity: Waste Office Waste Codes: PHYSICAL CHARACTERISTICS OF Waste Office Waste Codes: DIAMON TO COMPANY TO COMPANY TO COMPANY TO COMPANY TO COMPANY TO COMPANY TO COMPANY TO COMPANY TO COMPANY TO COMPANY TO COMPANY	Contact: Mary Seam	an Title:	Phone: (2 s 1) 587-1			
Address: 13040 Merriman Road City; Livonia State: Mi Zip Code; 48150 Attention: Title: Phone: (****) 437-9650 Fax: (*****) 437-7651 WASTE INFORMATION Name of Waste/Common Chemical Name: Alkaline Cleaner & Rinse Water Process Generating Waste (Please be specific, incomplete information may delay the approval process): -Alkaline cleaner solution used on aluminum welded parts, plus rinse water. USEPA / STATE WASTE IDENTIFICATION 1. This waste is considered to be: Man Net Net Net Net Net Net Net Net Net Net	BILLING INFORMAT	ION	SAME AS ABOVE			
Attention:						
Attention:	Address: 13040 M	erriman Road				
WASTE INFORMATION Name of Waste/Common Chemical Name: Alkaline Cleaner & Rinse Water Process Generating Waste (Please be specific, incomplete information may delay the approval process): -Alkaline cleaner solution used on aluminum welded parts, plus rinse water.	City: Livonia		State: _M	lizi;	Code: 48150	
Name of Waste/Common Chemical Name: Alkaline Cleaner & Rinse Water Process Generating Waste (Please be specific, incomplete information may delay the approval process): -Alkaline cleaner solution used on aluminum welded parts, plus rinse water. USEPA / STATE WASTE IDENTIFICATION 1. This waste is considered to be:	Attention:	Title:	Phone: (7 9 4) 437-9)650 F	ax: (7 . 4) 437-	7651
1. This waste is considered to be:	Alkaline Cleaner 8 Process Generating W	k Rinse Water Vaste (Please be specific, incom		approval process)	:	
Color: Suspended Solids Layers: Specific Gravity: White/Clear Q 0-1 % Q 3-5 % Multi layered Q 0.8			azardous Liquid Industrial Weste	☐ Hezardo	us Waste	
□ White/Clear □ 1-3 % □ 3-5 % □ Multi layered □ <0.8 □ 1.0 — 1.2 □ Black/Brown □ 1-3 % □ > 5 % □ Bl-Layered □ 0.8 — 1.0 □ 1.3 — 1.4 □ Other □ NA □ < 2 □ 2 — 4 □ 4 — 6 □ 6 — 8 □ 8-10 □ 10 — 12.5 □ > 12.5 □ cloud Flash Point: □ <73 °F □ 73 — 100 °F □ 101 — 140 °F □ 141 — 200 °F □ > 200 °F □ None ② Closed Cup □ Ope OCC CONCENTRATION - 0 PPM (MUST BE COMPLETED) □ CONSTITUENT □ MAX MIN CONSTITUENT < MAX MIN CONSTITUENT <>1 = 0.1%) □ Multi layered □ <0.8 □ 1.0 — 1.2 □ 0.8 □ 1.0 — 1.2 □ 0.8 □ 1.0 — 1.2 □ 0.8 □ 1.0 □ 1.3 — 1.4 □ 0.8 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 0.8 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 0.8 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 0.8 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 0.8 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 0.8 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 0.8 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 1.3 — 1.4 □ 0.8 — 1.0 □ 1.3 — 1.4 □ 1.3 — 1.4 □ 1.3 — 1.4 □ 1.3 — 1.4 □ 1.3 — 1.4 □ 1.0 □ 1.3 — 1.4 □ 1.3 — 1.4 □ 1.0 □ 1.3 — 1.4 □ 1.0 □ 1.0 □ 1.3 — 1.4 □ 1.0 □ 1.0 □ 1.3 — 1.4 □ 1.0 □ 1.0 □ 1.3 — 1.4 □ 1.0 □ 1.0 □ 1.3 — 1.4 □ 1.0 □ 1.0 □ 1.3 — 1.4 □ 1.0 □	2. Regulated by TSCA					
□ Black/Brown □ 1-3 % □ >5% □ Bl-Layered □ 0.8—1.0 □1.3—1.4 □ Other □ Other □ INA □ < 2 □ 2 — 4 □ 4 — 6 □ 6 — 8 □ 8-10 □ 10 — 12.5 □ >12.5 □ CONCENTRATION - 0 PPM (MUST BE COMPLETED) □ OTAL COMPOSITION OF WASTE - MUST BE EQUAL TO OR GREATER THAN 100% (L1ST EACH CONSTITUENT <>1= 0.1%) □ ONSTITUENT □ NO □ 1-3 % □ >5% □ PPM (MUST BE COMPLETED) □ OTAL COMPOSITION OF WASTE - MUST BE EQUAL TO OR GREATER THAN 100% (L1ST EACH CONSTITUENT <>1= 0.1%) □ ONSTITUENT □	Regulated by TSCA? List ALL Applicable \	Waste Codes:				
© Single Phase	2. Regulated by TSCA1 3. List ALL Applicable V	Waste Codes:		Specific (Gravity:	
OH: □NA □ < 2 □ 2 — 4 □ 4 — 6	2. Regulated by TSCA(3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear	Veste Codes: TERISTICS OF WASTE Suspended Solids Q 0-1 % Q 3-5 %	Layers:	□ <0.8 교	11.0 — 1.2	
Liquid Flash Point: <pre>Concentration - 0</pre>	2. Regulated by TSCA/ 3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear D Black/Brown	Veste Codes: TERISTICS OF WASTE Suspended Solids Q 0-1 % Q 3-5 %	Layers: □ Multi layered □ Bl-Layered	□ <0.8	11.0 — 1.2	
PPM (MUST BE COMPLETED) FOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO OR GREATER THAN 100% (L1ST EACH CONSTITUENT <>1 = 0.1%) CONSTITUENT MAX MIN Water 95 - 199 - 1/4	2. Regulated by TSCA/ 3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear D Black/Brown d Other	Veste Codes: FERISTICS OF WASTE Suspended Solids O-1 %	Layers: ☐ Multi layered ☐ BI-Layered ☐ Single Phase	□ <0.8	11.0 — 1.2 11.3 —1.4	
CONSTITUENT MAX MIN CONSTITUENT STEED AND MAX MIN CONSTITUENT MAX MIN	2. Regulated by TSCA: 3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear Black/Brown Other OH: UNA U < 2	Vaste Codes:	Layers: ☐ Multi layered ☐ BI-Layered ☐ Single Phase ☐ 6 — 8 ☐ 8-10 ☐	0.8 0.8 0.8 0.0 0.8 0.0 0.8 0.0 0.0 0.0	11.0 — 1.2	ad Gun El Open G
CONSTITUENT MAX MIN CONSTITUENT MAX MIN	2. Regulated by TSCA/ 3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear Black/Brown Cother CH: CNA C < 2 Liquid Flash Poin	Naste Codes:	Layers:	□ <0.8	11.0 — 1.2	ed Cup 🗆 Open C
Water 95 - 99 %	2. Regulated by TSCA: 3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear Black/Brown Other PH: DNA 0 < 2 Liquid Flash Poin VOC CONCENTRATION	Weste Codes:	Layers: Multi layered BI-Layered Single Phase 6 - 8	□ <0.8	11.0 — 1.2 11.3 — 1.4 —	ed Cup 🗆 Open C
Water and a second seco	2. Regulated by TSCA: 3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear Black/Brown Other PH: DNA 0 < 2 Liquid Flash Poin VOC CONCENTRATION	Weste Codes:	Layers: Multi layered BI-Layered Single Phase 6 - 8	□ <0.8	11.0 — 1.2 11.3 — 1.4 —	
Milline Cleaner 1 1 5 %	2. Regulated by TSCA: 3. List ALL Applicable V PHYSICAL CHARACT Color: White/Clear Black/Brown Other PH: DNAD < 2 Liquid Flash Poin VOC CONCENTRATION TOTAL COMPOSITION	Weste Codes:	Layers: Multi layered BI-Layered Single Phase 6 - 8	□ <0.8	11.0 — 1.2 11.3 — 1.4 —	

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Metals: Indicate if this waste contain If Generator knowledge-provide bac	s any of the following kup 12 Lab Analysis 1	metals 3 Generator Know	viedge 2 TCLP OTOT/	AL.				
Not Concentre	tion Not	Concentration	Arsenic (As)	D004	Ø <5 ·	ppm	1.9	ppm
Present	Prese	nt	Barium (Ba)	D005	2 <100	ppm		ppm
PCB 2 ppm	Aromatic Amine 12	ppm	Cadmium (Cd)	D006	2 <1	ppm		ppm
Dioxins 🖬 ppm	Pesticides 🔟	ppm	Chromium (Cr)	D007	2 2 < 5	ppm		ppm
Cyanides Reactive ppm	Rodenticides 2	ppm	Lead (Pb)	D008	9 2 <5	ppm		ppm
Cyanides Total 🔯 ppm	Fungicides 2	ppm	Mercury (Hg)	D009	Ø <0.2	ppm		ppm
Sulfides Reactive ppm	,	· · · · · · · · · · · · · · · · · · ·	Selenium (Se)	D010 D011	22 <1	ppm		ppm
Sulfides Total ppm		•	Silver (Ag)		Mz <2.	. ppm.		ppm
TCLP Organics D012 — D043 al	pove regulatory limit	s: Present 🗆 No	t Present 🗹					
IS WASTE ANY OF THE FOLLO	WING? A	t Least One Box i	Must Be Checked.	•				
□ Radioactive □ Water Reac	tive 🖸 Oxidizer	☐ Shock Sens	itive		T Explosiv	/05		
☐ NIOSH Human-Positive Carcinog	ens D NESHAP W	astes (Benzene,	etc.) 🖸 Blological 🖬 No	one Apply	·			
SHIPPING INFORMATIO 1. Is this a DOT Hazardous M 2. Reportable Quantity (RQ) in pou 3. DOT Shipping Name Non-RC	aterial (49CFR 172				Class	UN	I/NA	
PG ERG Haz								
					□Totes			
 Method of Shipment: Number of Units to Ship Now						ons or	. n o	ne Time
6. Special Handling Requirement	s Including PPE:		u voiume / Omia per real.		- ,			10 11110
		····	· · · · · · · · · · · · · · · · · · ·					
CERTIFICATION STATEM I hereby represent and warrant the attached documents. Based on me information, the information contemporaries feet has been omitted as in the handling and processing of	at I have personally y inquiry and persor lined herein is true, to make this inform	nal knowledge of accurate, and co ation misleading	those individuals responsimplete to the best of my kind in a line of the best of the stand that others in	ble for su nowledge	ipplying or and belief	obtainir . Furthe	ng the) 3. no
If this box is checked □ I request Technologies makes will be cons	stent with the result	s of the sample o	characterization and/or reg	ulatory re	quirement	6.		ental Geo-
Printed Name: Marvin Seams				Title:	Plant N	/lanag	er	
Generator's Signature:	Dew	<u> </u>		Date:	6-2-22			
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quartsample of the waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative sample is one obtained using any of the applicable sampling methods cited in 40 CFR 261-Appendix 1. Fill in the sampling information in the spaces provided below. If you have problems obtaining a representative sample of your waste, please contact your Environmental Geo-Technologies representative.								
1. Grab	2. Tank							
SAMPLING METHOD	COLLECTION	POINT						
Terry Atkins, Territory Rep.	ERG							
SAMPLE COLLECTOR'S NA		YER						1
4. Sample No. 1A-Alkaline Clear 5. CHAIN OF CUSTODY Each p	ner Preservation	n: Yes 📮 📑	No 12 t sign below when the sen	nple pass	ses from o	ne to an	other	
Relinguished by:		1	Received by:		Date			Time
(Signature)	Date	Time	(Signature)	I				
			<u>`</u>					

REGEWINGINFO	AMATION ##	
Date	5/25/22	
Receiving ID#	Alkaline Cle	guer
Manifest # Line		
Land Ban Cert included	Yes ··· No	
EGT Approval #	·	
Generator	1-9NZEN	
Client		
Transporter		
Time in		·
Time out		
Received by	J.H.	
Sampled by	<u>ान्ध्र</u> ा	

LABINEGRMA	#ION& # ACCUSED A
Compatible? (RT#)	<u> </u>
PCBs (ppm) (Oily Waste Only)?	NA
TOC ppm (CC Waste Only)?	
Flash Point (F)	<i>>17</i> 0
pH (S.U.)	8.88
Cyanides? (mg/L)	<u> </u>
Sulfides? (ppm)?	L200
Specific Gravity	1.03
Physical Description	liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	70
Conductivity	15.49~5
% Solids	2.52
Turbidity	Yes (No
Color	H. Brown
TSS (%)	(0.1
Radiation Screen (as needed)	NPa.
Lab Signature/Initials	

(Seelob Notes ING)

S REPUI	BLIC" ces	F	-		ervices	8
	SF	PECIAL V			NT DECISIO	N
		Waste Profi	le#	Ехр	Iration Date	
		644022789			2023	
Decision Request:		✓ Initial	Recer	tification	Change	
sposal Facility: 6440 - Detr						
enerator Name: LANZEN IN enerator Site Address: 611						
ty: MANCELONA	NE LIVITO	County:		7	e: MI	Zip:
ine of Waste: ALUMAKLEE	EN DINCE & CLIE			J Stat	e: IVII	Zip.
stimated Annual Volume: 8		CIEC RINSE				
Annatod Annada Volumo. C	ooo Callona					₹.
_ :					······	
Special Waste Depar	tment Decisio	on:	Approved	Rejected		·
anagement Method(s):	☐ Landfill	Solidific	cation	oremediation	Deep Well	Transfer Facility
anagement metrod(s).	Landilli		caucii 🗀 🗀	Dieniediation	Deeb well	Transier Facility
oblematic Special Waste a	ccording to Rep	public?	O Yes 🔘 N	io		
yes, which one?						
oproved by Special Waste	Review Commit	tee?	O Yes O No	. (🗪) black Anali		
	Pr	ecautions.				•
The site must ensure that a rior to acceptance and dis	all pre-acceptar	nce and veri	Conditions of	or Limitatio	ns on Approva	I with the site's permit requirer
rior to acceptance and dis	all pre-acceptar	nce and veri rofiled waste	Conditions of fication analytics.	or Limitatio	ns on Approva	with the site's permit requirer
rior to acceptance and dis	all pre-acceptar	nce and veri rofiled waste	Conditions of fication analytics.	or Limitatio	ns on Approva	
rior to acceptance and dis necial Waste Analyst Signa te: 6/14/2022	all pre-acceptar	nce and veri rofiled waste	Conditions of fication analytics.	or Limitatio	ns on Approva ed in accordance	with the site's permit requirer
rior to acceptance and dis pecial Waste Analyst Signa ate: 6/14/2022	all pre-acceptal sposal of the pr	nce and veri	Conditions of fication analytics.	Approved	ns on Approva ed in accordance Nam	with the site's permit requirer e (Printed): <u>Stephen Brown</u>
	all pre-acceptal sposal of the pr	nce and veri	Conditions of fication analytics.	Approved	ns on Approva ed in accordance	with the site's permit requirer e (Printed): <u>Stephen Brown</u>
ecial Waste Analyst Signa	all pre-acceptal sposal of the pr	nce and veri	Conditions of fication analytics.	Approved	ns on Approva ed in accordance Nam	with the site's permit requirer e (Printed): <u>Stephen Brown</u>

Name (Printed): ____

6.22.22

		734 946 1000. Fax 734 946	Profile #64402278	93
GENERATOR INFO		USEPA	ID# MID981194780	
Facility Address: 61	1 NE Limits	SIC/NA	NCS Code: State Code: 332999	
Gity: Mancelona		State; N	Al Zip Code: 49659	171
Contact: Marv Sea		Phone: (2 3 1) 587-1		
BILLING INFORMA Company Name: ER	TION G Environmental Services	SAME AS ABOVE		
Address: 13040 h				
City: Livonia		State: N	/IIZip Code: 48150	
	Title:		9650 Fax: (7 * 4) 437-	7651
	Waste (Please <i>be specific, incom</i> te off aluminum wolded parts after			
Water used to rins USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC	e off aluminum weided parts after STE IDENTIFICATION idered to be: A? □Yes ☑Non Ha			
Water used to rins USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable	e off aluminum weided parts after STE IDENTIFICATION idered to be: A? □Yes ☑Non Ha	-the aiumakieen and surtee dip (□ Hazardous Waste	
Water used to rins USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable PHYSICAL CHARAC Color:	STE IDENTIFICATION Idered to be: Non Ha A? CIYES Wino (PCBs, etc.) Waste Codes: CTERISTICS OF WASTE Suspended Solids	zardous Liquid Industrial Waste	D Hazardous Waste	
USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable PHYSICAL CHARAC Color: W White/Clear	STE IDENTIFICATION Idered to be: A? Liyes ENo (PCBs, etc.) Waste Codes: CTERISTICS OF WASTE Suspended Solids Id 0-1 % 1 3-5 %	zardous Liquid Industrial Waste Layers:	Hazardous Waste Specific Gravity: □ <0.8 ☑ 1.0 1.2	
USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable PHYSICAL CHARAC Color: White/Clear Cl Black/Brown	STE IDENTIFICATION Idered to be: Non Ha A? CIYES Wino (PCBs, etc.) Waste Codes: CTERISTICS OF WASTE Suspended Solids	zardous Liquid Industrial Waste Layers: Multi layered	D Hazardous Waste	•
USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable PHYSICAL CHARAC Color: White/Clear Dislack/Brown Cother	STE IDENTIFICATION Idered to be: A? Liyes ENo (PCBs, etc.) Waste Codes: CTERISTICS OF WASTE Suspended Solids Id 0-1 % 1 3-5 %	zardous Liquid Industrial Waste Layers: Multi layered Bi-Layered Single Phase	Specific Gravity: □ <0.8	
Water used to rins USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable PHYSICAL CHARA Color: White/Clear D Black/Brown C Other PH: DNA D < 2 Liquid Flash Po	STE IDENTIFICATION idered to be:	Layers: Multi layered BI-Layered W Single Phase 101—140°F 141—200	Specific Gravity: <0.8	ed Cup 🗆
Water used to rins USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable PHYSICAL CHARA Color: White/Clear D Black/Brown C Other PH: DNA D < 2 Liquid Flash Po VOC CONCENTRATIO	STE IDENTIFICATION Idered to be:	Layers: Multi layered Bi-Layered W Single Phase 101—140°F 141—200 PPM (MUST BE COMPLETE	Specific Gravity: <0.8	ed Cup D
Water used to rins USEPA / STATE WAS 1. This waste is cons 2. Regulated by TSC 3. List ALL Applicable PHYSICAL CHARA Color: White/Clear Black/Brown Chher PH: DNA D < 2 Liquid Flash Po	STE IDENTIFICATION Idered to be:	Layers: Multi layered Bi-Layered Single Phase 46 - 8 8-10 101-140°F 141-200 PPM (MUST BE COMPLETE DOR GREATER THAN 100% (L1ST E	Specific Gravity:	

Metals: Indicate If the If Generator knowledge	nis waste contain: dge-provide back	s any of the followir cup 🗹 Lab Analysis	ng metals 12 Generator Kn	owledge 27 TCLP	CITOTAL			
	Not Concentra	lion N	lot Concentrati	on Arsenic	(As) D004	☑ <5	mag	ppm
	Present	Pre	sent	Barium	(Ba) D005	© <100	ppm	ppm
PCB .	☑ ppm	Aromatic Amine	☑ ppm	Cadmiu	m (Cd) D006	☑ <1	ppm	ppm
Dioxins	☑ ppm	Pesticides		Chromit	ım (Cr) D007	☑ <5	ppm 2.	• •
Cyanides Reactive	Ø ppm	Rodenticides	☑ ppm	Lead (Pi	b) D008	☑ <5	ppm	ppm
Cyanides Total	2 ppm	Fungicides	<u>ppm</u>	Mercury	(Hg) D009	12 <0.2	ppm	ppm
Sulfides Reactive	20 ppm			Seleniur	• •	Ø <1	ppm	ppm
Sulfides Total	63 bbw.			Silver (A	g) D011	™25°<5	""ppm"	ppm
TCLP Organics D	012 — D043 ab	ove regulatory lin	nits: Present 🗅 N	lot Present ₪	•			
IS WASTE ANY	OF THE FOLLOW	VING?	At Least One Box	x Must Be Checked.				
☐ Radioactive	☐ Water React	ive 🗆 Oxidizer	☐ Shock Ser	nsitive 🔲 Reactive	(other) D	OT Explosiv	/es	
☐ NIOSH Human-P	ositive Carcinoge	ens 🗆 NESHAP	Wastes (Benzene	, etc.) 🛛 Biologica	l 🖾 None App	ly		
 Is this a DOT Reportable Quains DOT Shipping No. 	ntity (RQ) in pour Name <u>Non-RC</u> F	dsRA, Non DOT Re	gulated Liquid		⊃ Yes	Class	UN/NA	
PG ERG	Haza	rdous Constituent	s for "n.o.s."		,,-			
 Method of Shipn Number of Units Special Handlin 	to Ship Now ~4	,000 gallons		□ Rail Car (ted Volume / Units per	Drums Year: 4,000 -	□Totes 8,000 gallo	ons or 🗆	One Time
attached document	and warrant the ts. Based on my ormation contai een omitted as	it I have personally inquiry and personed herein is true to make this information.	onal knowledge on accurate, and on attention misteadin	am familiar with the of those individuals re complete to the best of g. I understand that on.	esponsible for s	upplying or	obtaining th	18
Technologies make	es will be consis	tent with the resu	o-Technologies r its of the sample	not to correct any inco	onsistencles. Ai l/or regulatory r	ny correction equirements	ns Environn 3.	nental Geo-
Printed Name: Ma	arvin Seama				Title:	Plant M	lanager	
Generator's Signatur	e: Men	Sec			Date:	6-2-22		
waste described in tobtained using any below. If you have prepresentative.	the above refere of the applicable	CUSTODY F	RECORD INS	TRUCTIONS: PL E REPORT using an a R 261-Appendix 1. Fi r waste, please conta	EASE collect a r	epresentation	esentative s	sample is one
1. Grab		? · <u>Tank</u>			-			
SAMPLING METH	HOD	COLLECTION	POINT					
3 Terry Atkins, T								
SAMPLE COLL	ECTOR'S NAM	E, TITLE, EMPLO	OYER					
4. Sample No. 1C S 5. CHAIN OF CUS	urtec Rinse, 1A Aiun TODY <i>Each pe</i>	nakleen Preservation	on: Yes □ s the sample mu	No⊡ St sign below when t	he sample pasi	ses from on	e to anothe	or.
Relinqu	uished by: nature)	Date	Time	Received (Signatu	by:	Date		Time
		2000	Time					

The Control of Control	Control of the Contro	
RECEIVINGUNEO		
Date	5/25/27-	
Receiving ID#	Aluma Kleen ?	Susse
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator	Lanten	
Client		
Transporter		
Time in		
Time out		
Received by	(イ, ひ)	
Sampled by	Client	

LAB INFORMA	TION -	CONTRACT OF
Compatible? (RT#)	7	
PCBs (ppm) (Oily Waste	MA	
Only)?	17(7)	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1140	
pH (S.U.)	3.3	7
Cyanides? (mg/L)	1	30
Sulfides? (ppm)?		200
Specific Gravity	1.00)
Physical Description	1790	<i>₽</i>
Stream Consistency	(Yes)	No
Oil in Sample?	Yes	(170)
Temperature (F)	70	
Conductivity	2.74	<u>ز</u> سا
% Solids	40	.1
Turbidity	Yes	(No)
Color	Calos	less
TSS (%)	20.	
Radiation Screen (as needed)	Ne	
Lab Signature/Initials	ਹ.ਸ	

(See lob Woles: ID:5)

Date: 8/15/2022				***************************************
SPECIAL WASTE DEPARTMENT DECISION Waste Profile # Expiration Date	REPUBLIC"			
Waste Profile # 6440227956 Spi2023 Decision Request:				
B440227956 S/9/2023 S/9/2023 S/9/2023 Disposal Facility: 6440 - Detroit Ind Well Generator Name: CYCLE CHEM, INC. Generator Site Address: 550 INDUSTRIAL DRIVE County: State: PA Zip: S	PECIAL WASTE DEI	PARTMENT DECISION		
Disposal Facility: 8440 - Detroit Ind Well Generator Name: CYCLE CHEM, INC. Generator Site Address: 550 INDUSTRIAL DRIVE City: LEWISBERRY County: State: PA Zip: Name of Waste: CONCENTRATED ACIDIC SOLTIONS WITH RCRA METALS Estimated Annual Volume: 1000 Gallons II. Special Waste Department Decision: Approved Rejected				
Generator Name: CYCLE CHEM, INC. Generator Site Address: 550 INDUSTRIAL DRIVE City: LEWISSERRY Name of Waste: CONCENTRATED ACIDIC SOLTIONS WITH RCRA METALS Estimated Annual Volume: 1000 Gallons II. Special Waste Department Decision: Approved Rejected Management Method(s): Landfill Solidification Bloremediation Deep Well Transfer Facility Problematic Special Waste according to Republic? Yes No Not Applicable Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Date: 8/15/2022 III. Facility Decision: Approved Rejected	I. Decision Request:		ification	
Generator Site Address: 550 INDUSTRIAL DRIVE City: LEWISBERRY County: State: PA Zip: Name of Waste: CONCENTRATED ACIDIC SOLTIONS WITH RCRA METALS Estimated Annual Volume: 1000 Galions II. Special Waste Department Decision: Management Method(s): Landfill Solidification Bioremediation Deep Well Transfer Facility Problematic Special Waste according to Republic? Yes No No Not Applicable Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Approved Rejected Name (Printed): KEITH DIAMANTI Date: 8/15/2022 III. Facility Decision: Approved Rejected	Disposal Facility: 6440 - Detroit Ind Well			
City: LEWISBERRY County:				
Name of Waste: CONCENTRATED ACIDIC SOLITIONS WITH RCRA METALS Estimated Annual Volume: 1000 Gallons II. Special Waste Department Decision:				
II. Special Waste Department Decision:				Zip:
II. Special Waste Department Decision: Approved		SOLTIONS WITH RCRA METAL	S	
Management Method(s): Landfill Solidification Bioremediation Deep Well Transfer Facility Problematic Special Waste according to Republic? Yes No If yes, which one? Approved by Special Waste Review Committee? Yes No Not Applicable Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Date: 6/15/2022 III. Facility Decision:	Estimated Annual Volume: 1000 Gallons			
Date: 6/15/2022 III. Facility Decision: Approved Rejected	Problematic Special Waste according to R If yes, which one? Approved by Special Waste Review Comm F The site must ensure that all pre-accept	epublic? Yes No	Not Applicable T Limitations on Approval	
Precautions, Conditions or Limitations on Approval	Special Waste Analyst Signature:		Approved ORejected	nted): <u>KEITH DIAMANTI</u>
	F	recautions, Conditions o	r Limitations on Approval	

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

6.23.22

Name (Printed): <

Republic Indus	trial and Energy Solu	itions, LLC	GENERATOR W	ASTE PROFILE
28470 Citrin Dr. Romi	ulus, MI 48174. Telephone 734	1 946 1000. Fax 734 946	Profile # 644022795	6
GENERATOR INFORMA	ATION		DAMOLYMA	タフフ
Name: Cycle	Chem, Inc.	USEPA	BPOFOODAG * an	ULL
Facility Address: 55	10 Industrial Oi	Drivesic/N/	AICS Code: State Code: 36 Z	112
city: Lewisb	vest1	State: 1	A Zip Code: 173	39
Contact: Jay Pe	rez Title: Specia		3 4700 Fax: (717) 93	
BILLING INFORMATIO	DN .	SAME AS ABOVE		
Company Name:				
Address:				
			Zip Code:	# de
	Title:		Fax: ()	
WASTE INFORMATION	VI			
Name of Waste/Cor	mmon Chemical Name:			
Concentrat	ed acidic sol	utions with	RCRA metals	
D C	este (Diseas ha sacrific incomple	nia information may delay the	a anatonal process;	- S1
<u> Circo I Hai</u> <u> bulking</u> c	Lardons waste	received to	com off site for	Casa
BUILTING C	THE THREE PARTY	36. [8] .11	ear ment of bis	DO SOL 18
USEPA / STATE WASTE	E IDENTIFICATION			
1. This waste is conside		rdous Liquid Industrial Waste	Hazardous Waste	•
2. Regulated by TSCA?	DYes Kino (PCBs, etc.) JP 6-15-	22 Naas Nam Naas	THE THE TOUR TOU	1000
3. List ALL Applicable V	Vaste Codes: DUOZ DOOT	1000 COOL	DOUB DOOD DOLO DOL	K064
PHYSICAL CHARACT	ERISTICS OF WASTE			
Color:	Suspended Solids	Layers:	Specific Gravity:	
My White/Clear	© 0-1 % € 3-5 %	☐ Multi layered	□ <0.8	
DV Black/Brown	□ 1-3 % □ > 5%	□ Bi-Layered	□ 0.8—1.0 □1.3—1.4	
pH: QNA 08 < 2 f]] 2 4] 4 6	Single Phase	Exact / Other	
• • • • • • • • • • • • • • • • • • • •		•	0°F D >200°F D None D Ci	,
	<i>/</i> X	_	•	ised Cup Li Open Cu
VOC CONCENTRATION		PPM (MUST BE COMPLE	TED)	
TOTAL COMPOSITION	I OF WASTE - MUST BE EQUAL TO (OR GREATER THAN 100% (L1ST	EACH CONSTITUENT <>1= 0.1%)	
CONSTITUENT		MAX MIN CON	STITUENT	MAX MIN
* San CH	- class d			
	lutions will be	=== ;;===	1.11. 1.11. 19.111. 1.11	
A STATE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED IN COLUMN 2		닉늗! "!==		
71670 aci	d with > 26%			
al Valsaita	douced	•		

			any of the follo	wing my	rals Semerator Know							
letals: Indicate if this Generator knowled	s waste cor	ntains backı	p 🗇 Lab Analy	/5/5 U	701101010110117KIO#	ledge 🗀 🗀 🖰	TCLP STOT	AL				
	Not Cond			Not	Concentration		senic (As)	D004	□ <5	nnm	100	ppm
-	resent	æilli ai		Present.	Concentration		nium (Ba)	D005	C) <100	• • •		ppm
		anna	Aromatic Amir		ppm		idmium (Cd)	D006	□ <1			ppm
PCB		opm					romium (Cr)	D007	□ <5	• •	20,000	
Dioxins Cyanides Reactive		ppm maa	Pesticides Rodenticides		ppm ppm		ad (Pb)	D008	□ <5	• •	1000	
Cyanides Total			Fungicides	6	ppm		ercury (Hg)	D009	□ <0.2			ppm ppm
Sulfides Reactive	_/	ppm ppm	េយម្លេសេខទ	•			elenium (Se)	D010	□ <1	• •	20000	• •
Sulfides Total	_/_'	ppm					ver (Ag)	D011	□ <5			ppm
TCLP Organics DO			ove regulatory	limits:	Present Q Not	Present D						
	□ Water R	teacti	ve 🛭 Oxidi	zer (east One Box I	itive 🗆 Re	active (other		·	ives		
NIOSH Human-P	ositive Can	cinoge	ns 🗅 NESH	AP Was	ites (Benzene, 6	etc.) Di Bio	ological 121	ione App	hy			
SHIPPING IN 1. Is this a DOT 2. Reportable Qual 3. DOT Shipping N	Hazardou ntity (RQ) in	is Ma 1 pour	terial (49CFI ds_ 100	<u>10</u>			Oves	□ No • # S• • Hazaro	i Class	3 ₁	IN/NA	3264
					r "n.o.s." Hyd		_	-	であか		e.d	
PG II ERG	3 124	Haza	ırdous Canstiti	uents for	r"n.o.s." ጣሣሪ	410Cnie	The acid	-1-	<u> </u>	c a	C.d	
	•											
	nent:	D Bul	k Tanker	□ Vac t		t Rail Car	Clerun		□ D7 ote	5		
4. Method of Shipn 5. Number of Units	to Ship No	WC	k Tanker 50		truck 🗆	t Rail Car d Volume / U			000 Otes	5	or 🗅 O	ne Time
4. Method of Shipn 5. Number of Units 6. Special Handlir	to Ship No	w	k Tanker 50 including PP	E:	lruck 🗆6. Anticipate		nits per Year:			.	or 🗅 Oi	ie Time
4. Method of Shipn 5. Number of Units 6. Special Handlir	to Ship Nong Require	ment:	K Tanker 50 Including PPI 104 1150	E:	lruck 🗆6. Anticipate	d Volume / U	nits per Year:			S	or 🗅 Oı	ne Time
4. Method of Shipn 5. Number of Units 6. Special Handlin 4. Annual CERTIFICATIO I hereby represent attached document information, the inmaterial fact has a in the handling an if this box is checke Solutions makes wi	o to Ship No ing Require PON STAT It and warrants. Based oformation open omitted d procession	FEMI ant the contact ed as ing of est Re	ENT at I have person inquiry and principle in make this if the waste main public Industriation in the results of the results o	econally econsonal true, aconstitute at the constitute at the cons	xamined and a l knowledge of courate, and coion misleading escribed herein	of Volume / U	ith the informaticals response best of my did that others	ation consible for knowledgmay rely	ntained and supplying o ge and belk y on this re-	l submi or obtain ef. Furti present	itled in t ning the hermore lation ar	his and all , no id warrant
4. Method of Shipn 5. Number of Units 6. Special Handlin CERTIFICATIO I hereby represent attached document information, the in material fact has hin the handling an if this box is checke Solutions makes wi Printed Name:	on STATE AND THE PROPERTY OF STATE AND WARFE AND THE STATE	FEMI ant the contact ed as ing of est Re	ENT at I have person including and produced therein is to make this including including and problection in the waste main public industrial including includ	econally econsonal true, aconstitute at the constitute at the cons	xamined and a l knowledge of courate, and coion misleading escribed herein	of Volume / U	ith the informaticals response best of my did that others	ation consible for knowledge may rely cies. Any uirements	ntained and supplying of ge and believe on this reported in the corrections is.	l submi or obtain ef. Furti present	itled in t ning the hermore lation ar	his and all , no id warrant
4. Method of Shipn 5. Number of Units 6. Special Handlin CERTIFICATIO I hereby represent attached document information, the in material fact has hin the handling an if this box is checke Solutions makes wi Printed Name:	on STATE AND THE PROPERTY OF STATE AND WARFE AND THE STATE	FEMI ant the contact ed as ing of est Re	ENT at I have person inquiry and principle in make this if the waste main public Industriation in the results of the results o	econally econsonal true, aconstitute at the constitute at the cons	xamined and a l knowledge of courate, and coion misleading escribed herein	of Volume / U	ith the informaticals response best of my did that others	ation consible for knowledgemay rely	ntained and supplying of ge and believe on this reported in the corrections is.	l submi or obtain ef. Furti present	itled in t ning the hermore lation ar	his and al , no id warrant
4. Method of Shipn 5. Number of Units 6. Special Handlir CERTIFICATIO I hereby represent attached documen information, the in material fact has to in the handling an if this box is checke Solutions makes will be represented Name: Generator's Signature GENERATOR waste described in obtained using any you have problems	on STATE AND STA	ments ments	ENT at I have perse ined herein is to make this i the waste mai	onally electronal true, ac mormaticerial de la & Enero of the said ATORS vods cited	iruck 6. Anticipate 5. Anticipate 5. Anticipate 6. Anticipate 7. Anticipate 7. Anticipate 7. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate 8. Anticipate	or familiar was those individually individua	ith the informituals response best of my id that others by inconsistent regulatory required an appropriate in the same propriet.	ation consible for knowledge may rely uirements Title Date collect a riate conpling info	ntained and supplying of ge and believe on this representantainer. A remation in the	s submir obtainer. Furtipresent Republicative 1-depresenter space	itted in t ning the hermore ation ar ic Indust	his and all , no id warrant rial & Energ mple of the imple is o
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Supplemental analysis attached. Sample not required.

REPUBLIC"		lic Services lied Way, Phoenix, AZ 85054	}
	SPECIAL WASTE DEI		
	Waste Profile #	Expiration Date	
	6440227957	5/11/2023	
I. Decision Request:	☑ Initial ☐ Recer	tification	
Disposal Facility: 6440 - Detroit Ind Well			
Generator Name: CYCLE CHEM, INC.			
Generator Site Address: 550 INDUSTRIA		-	
City: LEWISBERRY	County:	State: PA	Zip:
Name of Waste: CAUSTIC WASTE CONT			
Estimated Annual Volume: 1000 Gallons			
II. Special Waste Department De	cision:	Rejected	
Management Method(s):		premediation Deep Well	Transfer Facility
Problematic Special Waste according to	Republic? O Yes O N	0	_
If yes, which one?	<u> </u>		
Approved by Special Waste Review Cor	mmittee? Oyes ONe	Not Applicable	
The site must ensure that all pre-acce prior to acceptance and disposal of the	 eptance and verification analytic	or Limitations on Approval	
Special Waste Analyst Signature:	Precautions, Conditions of	Approved Rejected	Printed): <u>KEITH DIAMANTI</u>
By signing below, the General Manager or special waste file is complete. General Manager or Designee: Date: 6/15/2022	Designee agrees that a fully execut	red Special Waste Service Agreem Name (Printed):	nent is on file for this profile and that the

Republic Industrial and Energy Solutions, LLC 28470 Citrin Dr. Romulus, MI 48 74. Telephone 734 946 1000. Fax 734 946 1002 Profile #	LE -
GENERATOR INFORMATION Name: Cycle Chem, Inc. USEPA 1D# PADO67098822 Facility Address: 550 Industrial Drive SICMAICS Code: State Code: 562112 City: Lew: 5 berry State: PA Zip Code: 17339 Contact: Jay Perez Title: Specialist Phone: (717) 938 4700 Fax: (717) 938 0976	-
BILLING INFORMATION Company Name: Address:	
City: State: Zip Code:	
Attention: Title: Phone: () Fax: ()	
Name of Waste/Common Chemical Name: Caustic waste containing RCRA metals Process Generating Waste (Please be specific, incomplete information may delay the approval process): GGI Hazardons waste received from offsite for Storage butking and transfor offsite for Storage butking and transfor offsite for treatment or disposal. USEPA/STATE WASTE IDENTIFICATION 1. This waste is considered to be: 1. Regulated by TSCA? DYES ENO (PCBs, etc.) JP 6-15-22	
3. List ALL Applicable Waste Codes: D002 F606 D004 D005 D006 D007 D008 D009 D010 D010	
Color: Suspended Solids Layers: Specific Gravity:	en Cup
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO OR GREATER THAN 100% (L1ST EACH CONSTITUENT <>1= 0.1%)	
CONSTITUENT MAX MIN CONSTITUENT MAX MIN	
Water 80-90 % Sodium Corbonate 20.	<u>20</u> %

Republic Industrial &	& Energy So	lutions	- 28470 Cann	Unve -	Romulus - MI - 48	174		vvas	ite Prome - Pa	ige z
Metals: Indicate if the	is waste cor dge-provide	itains a	ny of the follow b Lab Analy	wing me sis 🗆 (etals Generator Knowled	ige CITCLP I	TOTAL			
	Not Cond			Not	Concentration	Arsenic (As	s) D004	D <5	ppm / <i>OČ</i>) ppm
	Present	CIIII ati		resent	Oblicelludion	Barium (Ba		□ <100	ppm/000	
PCB		pm .	Aromatic Amin		ppm	Cadmium (•	□ <1	ppm 100	• •
Dioxins	•	•	Pesticides	٠_	ppm	Chromium	•	⊒ <5	ppm 250	
Cyanides Reactive	· · ·		Rodenticides	3	ppm	Lead (Pb)	D008	⊒ <5	ppm 500	
Cyanides Total	•	•	Fungicides	_ 	ррт	Mercury (H		□ <0.2	ppm Z6	
Sulfides Reactive		opm	i digiaces			Selenium (•	□ <1	ppm 10	ppm
Sulfides Total	_ `	ppm				Silver (Ag)	D011	□ <5	ppm 50	ppm
TCLP Organics D		•	ve regulatory	limits:	Present O Not P	resent 3				
IS WASTE ANY ☐ Radioactive ☐ NIOSH Human-F	□ Water R Positive Carr	leactiv	ve DOxidi: ns DNESH.	zer AP Was	Least One Box Mu Shock Sensitive Stes (Benzene, etc.	ve □ Reactive (.) □ Biological	other) 🗀 🗅	=	ives	:
2. Reportable Qua				TO			A.O.S.			
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PG TER	с <u>154 </u>	Haza	rdous Constitu	ents fo	or "n.o.s." <u>Sad</u>	um Hydrox.	de mix	tures		
4. Method of Ship 5. Number of Unit 6. Special Handle 5-101601	is to Ship No	w_	50 JP 6/19	=-		tail Car U	∕5rums ∕ear:100	0 JP 6/15	100	One Time
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Printed Name:	-	<u> </u>	Here	2_			Titl	e: 9€	ود کرار	<u> </u>
Generator's Signat	ure:		11 mm				Dat	e: <u> </u>	11/2022	
waste described i obtained using any	n the above of the appli	refer cable	enced GENERA sampling metho	ATORS ods cite	WASTE PROFILE R d in 40 CFR 261-A	RUCTIONS: PL EPORT using an a ppendix 1. Fill in the ontact your Republic	ppropriate con sampling info	ntainer. A re irmation in ti	epresentative ne spaces pro	sample is or
1			2							
SAMPLING ME			COLLEC							
SAMPLE CO	LLECTOR'S	S NAL				L				
4. Sample No 5. CHAIN OF C	USTODY E	ach p	erson who ha	ndles t	: Yes □ No the sample must	o □ sign below when t	the sample p	asses from	one to anot	her.
	inquished by Signature)	:	Dat	e	Time	Received (Signatu		D	ate	Time

Supplemental analysis attached.

REPUBLIC"	R	epublic	Servic ay, Phoenix, AZ 85		
	SPECIAL WA	ASTE DEPAR	TMENT DEC	SISION	
	Waste Profile 6440228070		Expiration Dat 4/8/2023		
I. Decision Request:	☑ Initial	Recertifica	ion Cha	ange	
Disposal Facility: 6440 - Detroit Ind Well	<u>1</u>				
Generator Name: LANZEN, INC		······································			
Generator Site Address: 611 NE LIMITS					······································
City: MANCELONA	County:		State: MI		Zip:
Name of Waste: ZINC PHOSPHATE DIP T	ANK				
Estimated Annual Volume: 8000 Gallons					
	ب	O Yes No	liation 🗸 Dee	b weii 11	ansfer Facility
Problematic Special Waste according to fyes, which one? Approved by Special Waste Review Com	Republic? mittee? (Precautions, C ptance and verifica	Yes No Yes No	lot Applicable nitations on Ap	pproval	
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-acce prior to acceptance and disposal of the	Republic? Precautions, C ptance and verificate profiled waste.	Yes No Yes No	lot Applicable nitations on Ap	pproval ordance with the	
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-acce	Republic? Precautions, C ptance and verificate profiled waste.	Yes No No No No No No No No No No No No No	lot Applicable nitations on Ap	pproval ordance with the	e site's permit requireme

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee:

1,

	comuna, wi 40174. Telephone	a 734 946 1000. Fax 734 940	Profile # 6440228070
GENERATOR INFO		USEF	A ID# MID981194780
Facility Address: 61	1 NE Limits	SIC/N	IAICS Code: State Code: 332999
City: Mancelona		State:	
Contact: Marv Sea	man Title:	Phone: (4 3 1) 587	
BILLING INFORMA Company Name: EF	ATION RG Environmental Services	SAME AS ABOVE	
Address: 13040	Merriman Road		
City: Livonia		State:	MI zip Code: 48150
Attention:	Title:	Phone: (r 1 4) 437	-9650 Fax: (7 a 4) 437-7651
	Waste (Please <i>be specific, incon</i> p tank for aluminum welded parts		e approval process):
USEPA / STATE WAS 1. This waste is consi 2. Regulated by TSC.	P tank for aluminum welded parts BTE IDENTIFICATION Idered to be: R Non Ha R? CIYES BNo (PCBs, etc.)		e approval process):
USEPA / STATE WAS This waste is consi Regulated by TSC. List ALL Applicable	P tank for aluminum welded parts STE IDENTIFICATION Idered to be: A? CIYES BNo (PCBs, etc.) Waste Codes:		
USEPA / STATE WAS This waste is consi Regulated by TSC. List ALL Applicable	P tank for aluminum welded parts BTE IDENTIFICATION Idered to be: R Non Ha R? CIYES BNo (PCBs, etc.)	zardous Liquid Industrial Waste	☐ Hazardous Waste
USEPA / STATE WAS 1. This waste is consi 2. Regulated by TSC. 3. List ALL Applicable PHYSICAL CHARAC	P tank for aluminum welded parts BTE IDENTIFICATION Idered to be:		
USEPA / STATE WAS 1. This waste is consi 2. Regulated by TSC. 3. List ALL Applicable PHYSICAL CHARAC Color: White/Clear Black/Brown	P tank for aluminum welded parts STE IDENTIFICATION Idered to be: Non Ha A? CIYES ØNo (PCBs, etc.) Waste Codes: CTERISTICS OF WASTE Suspended Solids	zardous Liquid Industrial Waste Layers:	☐ Hazardous Waste Specific Gravity:
USEPA / STATE WAS 1. This waste is consi 2. Regulated by TSC. 3. List ALL Applicable PHYSICAL CHARAC Color: White/Clear Black/Brown Other	ETERISTICS OF WASTE Suspended Solids O -1 %	Layers: Multi layered B -Layered Single Phase	☐ Hazardous Waste Specific Gravity: ☐ <0.8
USEPA / STATE WAS 1. This waste is consi 2. Regulated by TSC. 3. List ALL Applicable PHYSICAL CHARAC Color: White/Clear Black/Brown Other Other H: UNA U < 2 Liquid Fiash Pol	P tank for aluminum welded parts STE IDENTIFICATION Idered to be:	Layers: Multi layered B -Layered Single Phase 6 - 8 8-10 101-140°F 141-206	Specific Gravity: <0.8
USEPA / STATE WAS 1. This waste is consi 2. Regulated by TSC. 3. List ALL Applicable PHYSICAL CHARAC Color: White/Clear Black/Brown Other Other H: UNA U < 2 Liquid Fiash Polication OCC CONCENTRATION	P tank for aluminum welded parts STE IDENTIFICATION Idered to be:	Layers: Multi layered Bi-Layered Single Phase 6 — 8 8-10 101—140°F 141—200 PPM (MUST BE COMPLET	Specific Gravity: <0.8
USEPA / STATE WAS 1. This waste is consi 2. Regulated by TSC. 3. List ALL Applicable PHYSICAL CHARAC Color: White/Clear Black/Brown Other Other H: UNA U < 2 Liquid Fiash Pol	P tank for aluminum welded parts STE IDENTIFICATION Idered to be:	Layers: Multi layered Bi-Layered Single Phase 6 — 8 8-10 101—140°F 141—200 PPM (MUST BE COMPLET	☐ Hazardous Waste Specific Gravity: ○ <0.8

Metals: Indicate if the If Generator knowledge					wledge 22 TCLF	OTOTAL			
	Not 0	Concentration	n No	t Concentration	n Arseni	c (As) D004	Ø2 <5	ppm 1	1.9 _{ppm}
	Present		Pres	ent	Bariun	(Ba) D005	2 <100	ppm	ppm
PCB		ppm A	Aromatic Amine E	ppm	Cadmi	um (Cd) D006	대 <1	ppm	ppm
Dioxins	•	ppm F	Pesticides E	ippm	Chrom	ium (Cr) D007	☑ <5	ppm ().64 ppm
Cyanides Reactive		• •	Rodenticides E		Lead (•	☑ <5	ppm	ppm
Cyanides Total	2	• • •	fungicides Œ	ррт	Mercu		© <0.2	ppm	ppm
Sulfides Reactive Sulfides Total	<u> </u>	ppm ——ppm——			Saleni Silver	um (Se) D010	(2)<1 	ppm 	ppm ppm
TCLP Organics D			e regulatory limi	ts: Present 🗆 No				PPII.	
IS WASTE ANY	OF THE	FOLLOWIN	NG?	At Least One Box	Must Be Checked.				
☐ Radioactive	□ Wat	er Reactive	Oxidizer	☐ Shock Sens	sitive 🗆 Reacti	/e (other) 🛛 D	OT Explosive	98	
☐ NIOSH Human-F	² ositive	Carcinogens	B D NESHAP V	Vastes (Benzene,	etc.) 🗆 Biologic	al 🗹 None App	ly		•
1. Is this a DOT 2. Reportable Qua 3. DOT Shipping PG ERG 4. Method of Shipt 5. Number of Unit 6. Special Handili	intity (Ri Name _ G ment: s to Shi	Q) in pounds Non-RCRA Hazard Bulk To Now ~4,0	, Non DOT Reg ous Constituents anker 2 Va 00 gallons	julated Liquid for "n.o.s."	J Rail Car	□ Drums	□Totes		
CERTIFICATION I hereby represent attached documer information, the in material fact has been the handling an lift this box is check Technologies make Printed Name: M	t and wate. Baselformationen on or or or or or or or or or or or or or	errant that is ead on my lar ion containe nitted as to essing of the request En-	I have personally noulry and perso id herein is true, make this inform a waste material vironmental Geo nt with the result	nal knowledge of accurate, and co action misleading described herein a-Technologies not ts of the sample	f those individuals omplete to the bes g. I understand tha h. ot to correct any in	responsible for s t of my knowledg t others may rely consistencies. A nd/or regulatory i	supplying or one and belief. on this representation or correction requirements	obtaining Furthern esentation as Environ	the nore, no n and warranty nmental Geo-
•								anager	
Generator's Signatu	ire: <u>1º</u>	- mar	Jen			Date	0-2-22		
GENERATOR waste described in obtained using any below. If you have representative.	the ab	ove reference applicable s	ced GENERATOR: sampling method	S WASTE PROFILE s cited in 40 CFF	REPORT using an 261-Appendix 1.	appropriate cont Fill in the sampli	ainer. A reprenging information	esentative n in the s	sample is one paces provided
1. Grab		2.	Tank					****	
SAMPLING MET	HOD		COLLECTION	POINT					1
Terry Atkins,	Territo	ry Rep, ER	G						l
J .			TITLE, EMPLO	YER	·				
4. Sample No. 1C 5. CHAIN OF CU	Zinc T	ank	Preservatio	n: Yes 🗆	No ⊠ st sign below when	ı the sample pas	ses from on	e to anot	her.
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(3)	a rature		Date	Time	(Signa				
			1	<u> </u>			L		





29-Jul-2022

Rick Sauve
Republic Industrial and Energy Solutions, LLC
28470 Cintrin Dr.
Romulus, MI 48174

Re: (REIS) F039 Leachate analysis 07.05.2022

Work Order: 22070225

Dear Rick,

ALS Environmental received 1 sample on 05-Jul-2022 10:30 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 45.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

Electronically approved by: Les Arnold

Ses arudo

Les Arnold

General Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 🏂

Date: 29-Jul-22

Client:

Republic Industrial and Energy Solutions, LLC

Project:

(REIS) F039 Leachate analysis 07.05.2022

Work Order:

22070225

Work Order Sample Summary

Lab Samp ID Client Sample ID

Matrix

Tag Number

Collection Date Date Received

Hold

Liquid

7/6/2022

7/5/2022 22:30

Date: 29-Jul-22

Client: Republic Industrial and Energy Solutions, LLC

Project: (REIS) F039 Leachate analysis 07.05.2022 **Case Narrative**

Work Order: 22070225

Method 1613B for Dioxin/Furans was analyzed at ALS Houston. The report is included in its entirety.

The attached "Sample Receipt Checklist" documents the date of receipt, status of custody seals, container integrity, preservation, and temperature compliance.

Samples were analyzed according to the analytical methodology previously transmitted in the "Work Order Acknowledgement". Methodologies are also documented in the "Analytical Result" section for each sample. Quality control results are listed in the "QC Report" section. A copy of the laboratory's scope of accreditation is available upon request.

Sample association for the reported quality control is located at the end of each batch summary. If applicable, results are appropriately qualified in the Analytical Result and QC Report sections. The "Qualifiers" section documents the various qualifiers, units, and acronyms utilized in reporting.

Any flags on MS/MSD samples not addressed in this narrative are unrelated to samples in this report.

With the following exceptions, all sample analyses achieved analytical criteria.

Client: Republic Industrial and Energy Solutions, LLC

Project: (REIS) F039 Leachate analysis 07.05.2022
 Work Order: 22070225

 Sample ID: May 2022 F039 Analytical
 Lab ID: 22070225-01

Collection Date: 7/6/2022 Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PESTICIDES			SW8081E	3	Prep: SW3511 7/8/22 14:35	Analyst: MMO
Aldrin	ND		0.10	μg/L	10	7/8/2022 09:46 PM
Surr: Decachlorobiphenyl	515	S	42-148	%REC	10	7/8/2022 09:46 PM
Surr: Tetrachloro-m-xylene	2,730	S	57-141	%REC	10	7/8/2022 09:46 PM
SEMI-VOLATILE ORGANIC COMPOUND	S		SW846 8	270D	Prep: SW3510 7/13/22 19:11	Analyst: EEW
N-Nitrosodimethylamine	ND		200	μg/L	10	7/14/2022 08:51 PM
Surr: 2,4,6-Tribromophenol	75.4		47-103	%REC	10	7/14/2022 08:51 PM
Surr: 2-Fluorobiphenyl	57.2		41-96	%REC	10	7/14/2022 08:51 PM
Surr: 2-Fluorophenol	33.4		28-66	%REC	10	7/14/2022 08:51 PM
Surr: 4-Terphenyl-d14	68.0		49-107	%REC	10	7/14/2022 08:51 PM
Surr: Nitrobenzene-d5	60.2		41-95	%REC	10	7/14/2022 08:51 PM
Surr: Phenol-d6	29.8		18-44	%REC	10	7/14/2022 08:51 PM
SUBCONTRACTED ANALYSES			SUBCON	ITRACT		Analyst: LA
Subcontracted Analyses	See attached			as note		7/11/2022

Date: 29-Jul-2022

Date: 29-Jul-22

Client:

Republic Industrial and Energy Solutions, LLC

Project:

(REIS) F039 Leachate analysis 07.05.2022

WorkOrder:

22070225

QUALIFIERS,

ACRONYMS, UNITS

as noted

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
В	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
Н	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Analyte accreditation is not offered
ND	Not Detected at the Reporting Limit
О	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.
Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
Α	APHA Standard Methods
D	ASTM
E	EPA
sw	SW-846 Update III
Inits Reporte	
μg/L	Micrograms per Liter
me/ ==	

Date: 29-Jul-22

QC BATCH REPORT

Client:

Republic Industrial and Energy Solutions, LLC

Work Order:

22070225

Project:

(REIS) F039 Leachate analysis 07.05.2022

Batch ID: 199363 Inst	rument ID GC12		Metho	d: SW80 8	1B						
MBLK Sample !	D: PBLKW1-199363-19 9	363			ı	Jnits: µg/L		Analysis	Date: 7/8/	2022 05:2	2 PM
Client ID:	Run II): GC12_	220708B		Se	qNo: 860 9	821	Prep Date: 7/8/2	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aldrin	ND	0.010									
Surr: Decachlorobiphenyl	0.2063	0	0.208		0	99.2	42-148	0			
Surr: Tetrachloro-m-xylene	0.1458	0	0.208		0	70.1	57-141	0			
LCS Sample II	D: PLCSW1-199363-199	363			ι	Jnits: µg/L		Analysis	Date: 7/8/	2022 05:5	0 PM
Client ID:	Run II): GC12_	220708B		Se	qNo: 860 9	823	Prep Date: 7/8/2	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aldrin	0.1062	0.010	0.167		0	63.6	51-164	0			
Surr: Decachlorobiphenyl	0.2217	0	0.208		0	107	42-148	0			
Surr: Tetrachloro-m-xylene	0.1582	0	0.208		0	76	57-141	0			
LCSD Sample ID	D: PLCSDW1-199363-19	99363		:	L	Jnits: μg/L		Analysis	Date: 7/8/2	2022 06:0	4 PM
Client ID:	Run I): GC12_	220708B		Se	qNo: 860 9	824	Prep Date: 7/8/2	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aldrin	0.1178	0.010	0.167		0	70.6	51-164	0.1062	10.4	20	
Surr: Decachlorobiphenyl	0.2308	0	0.208		0	111	42-148	0.2217	4.05	20	
Surr: Tetrachloro-m-xylene	0.1427	0	0.208		0	68.6	57-141	0.1582	10.3	20	
The following samples were a	nalvzed in this batch:	2:	2070225-010	3							

Client: Republic Industrial and Energy Solutions, LLC

Work Order: 2207

22070225

Project: (REIS) F039 Leachate analysis 07.05.2022

Batch ID: 199580 In	strument ID SVMS8		Metho						• • • • • • • • • • • • • • • • • • • •	···
MBLK Sample	ID: SBLKW1-199580-19	9580			Units: µg/L		Analysis	Date: 7/14	/2022 03	:22 PM
Client ID:	Run II	D: SVMS8	_220714A	\$	SeqNo: 863	0481	Prep Date: 7/13	/2022	DF: 1	
				SPK Ref		Control	RPD Ref		RPD	
Analyte	Result	PQL	SPK Val	Value	%REC	Limit	Value	%RPD	Limit	Qual
N-Nitrosodimethylamine	ND	5.0								
Surr: 2,4,6-Tribromophenol	37.05	0	50	0	74.1	47-103	0	,		
Surr: 2-Fluorobiphenyl	33.42	0	50	0	66.8	41-96	. 0			
Surr: 2-Fluorophenol	22.45	0	50	0	44.9	28-66	0			
Surr: 4-Terphenyl-d14	39.48	0	50	0	79	49-107	0			
Surr: Nitrobenzene-d5	33.37	0	50	0	66.7	41-95	0			
Surr: Phenol-d6	15.19	0	50	0	30.4	18-44	0			.,
LCS Sample	ID: SLCSW1-199580-199	2580	······································		Units: µg/L		Analysis	Date: 7/14	/2022 03	/3 DM
			0007444							.43 [19]
Client ID:	Kun II	J. SVIMS8	_220714A	SPK Ref	SeqNo: 863 (Control	Prep Date: 7/13 RPD Ref	/2022	DF: 1	
Analyte	Result	PQL	SPK Val	Value	0/ DEO	Limit	Value	%RPD	Limit	Qual
	rtocuit	FUL	SPK Vai	Value	%REC			/BIXED		
•	10.47	5.0	20	0		26-74	0	MINED		
•					52.4			781XF D		
N-Nitrosodimethylamine	10.47	5.0	20	0	52.4 77.1	26-74	0	/orce D		
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol	10.47 38.54	5.0	20 50	0	52.4 77.1 66.3	26-74 47-103	0	78KF D		
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl	10.47 38.54 33.14	5.0 0 0	20 50 50	0 0 0	52.4 77.1 66.3 41.3	26-74 47-103 41-96	0 0 0	78KF D		
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol	10.47 38.54 33.14 20.64	5.0 0 0	20 50 50 50	0 0 0	52.4 77.1 66.3 41.3 79.8	26-74 47-103 41-96 28-66	0 0 0	/orc D		
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14	10.47 38.54 33.14 20.64 39.89	5.0 0 0 0	20 50 50 50 50	0 0 0 0	52.4 77.1 66.3 41.3 79.8 66.6	26-74 47-103 41-96 28-66 49-107	0 0 0 0	/AIXT D		
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenol Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6	10.47 38.54 33.14 20.64 39.89 33.28	5.0 0 0 0 0 0	20 50 50 50 50 50	0 0 0 0 0	52.4 77.1 66.3 41.3 79.8 66.6	26-74 47-103 41-96 28-66 49-107 41-95 18-44	0 0 0 0 0 0	Date: 7/14	/2022 04:	
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6	10.47 38.54 33.14 20.64 39.89 33.28 13.8	5.0 0 0 0 0 0 0	20 50 50 50 50 50	0 0 0 0 0 0	52.4 77.1 66.3 41.3 79.8 66.6 27.6	26-74 47-103 41-96 28-66 49-107 41-95 18-44	0 0 0 0 0 0	Date: 7/14	/2022 04: DF: 1	
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample	10.47 38.54 33.14 20.64 39.89 33.28 13.8	5.0 0 0 0 0 0 0	20 50 50 50 50 50 50	0 0 0 0 0 0	52.4 77.1 66.3 41.3 79.8 66.6 27.6	26-74 47-103 41-96 28-66 49-107 41-95 18-44	0 0 0 0 0 0 0 0	Date: 7/14		
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample Client ID:	10.47 38.54 33.14 20.64 39.89 33.28 13.8	5.0 0 0 0 0 0 0	20 50 50 50 50 50 50	0 0 0 0 0 0 0	52.4 77.1 66.3 41.3 79.8 66.6 27.6	26-74 47-103 41-96 28-66 49-107 41-95 18-44	0 0 0 0 0 0 0 Analysis	Date: 7/14	DF: 1	
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorophenol Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample Client ID: Analyte	10.47 38.54 33.14 20.64 39.89 33.28 13.8 ID: SLCSDW1-199580-19	5.0 0 0 0 0 0 0 0	20 50 50 50 50 50 50 50	0 0 0 0 0 0 0	52.4 77.1 66.3 41.3 79.8 66.6 27.6 Units: µg/L SeqNo: 8636	26-74 47-103 41-96 28-66 49-107 41-95 18-44	0 0 0 0 0 0 0 Analysis Prep Date: 7/13	Date: 7/14 /2022	DF: 1 RPD	:04 PM
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample Client ID: Analyte N-Nitrosodimethylamine	10.47 38.54 33.14 20.64 39.89 33.28 13.8 ID: SLCSDW1-199580-1 Run II	5.0 0 0 0 0 0 0 99580 D: SVMS8	20 50 50 50 50 50 50 220714A	0 0 0 0 0 0 0	52.4 77.1 66.3 41.3 79.8 66.6 27.6 Units: µg/L SeqNo: 8630 %REC 53.9	26-74 47-103 41-96 28-66 49-107 41-95 18-44 0483 Control Limit	0 0 0 0 0 0 Analysis Prep Date: 7/13,	Date: 7/14 /2 022 %RPD	DF: 1 RPD Limit	:04 PM
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorophenol Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample Client ID: Analyte	10.47 38.54 33.14 20.64 39.89 33.28 13.8 ID: SLCSDW1-199580-1 Run II	5.0 0 0 0 0 0 0 99580 D: SVMS8	20 50 50 50 50 50 50 220714A SPK Val	0 0 0 0 0 0 0 5 SPK Ref Value	52.4 77.1 66.3 41.3 79.8 66.6 27.6 Units: µg/L SeqNo: 8636 %REC 53.9 77.3	26-74 47-103 41-96 28-66 49-107 41-95 18-44 	0 0 0 0 0 0 Analysis Prep Date: 7/13 RPD Ref Value	Date: 7/14 / 2022 %RPD 2.92	DF: 1 RPD Limit	:04 PM
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample Client ID: Analyte N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol	10.47 38.54 33.14 20.64 39.89 33.28 13.8 ID: SLCSDW1-199580-19 Run II Result 10.78 38.67	5.0 0 0 0 0 0 0 99580 D: SVMS8	20 50 50 50 50 50 50 220714A SPK Val 20 50	0 0 0 0 0 0 0 SPK Ref Value	52.4 77.1 66.3 41.3 79.8 66.6 27.6 Units: µg/L SeqNo: 8636 %REC 53.9 77.3 65.7	26-74 47-103 41-96 28-66 49-107 41-95 18-44 	0 0 0 0 0 0 0 Analysis Prep Date: 7/13 RPD Ref Value	Date: 7/14 / 2022 %RPD 2.92 0.337	DF: 1 RPD Limit 30 40	:04 PM
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample Client ID: Analyte N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl	10.47 38.54 33.14 20.64 39.89 33.28 13.8 ID: SLCSDW1-199580-19 Run II Result 10.78 38.67 32.85	5.0 0 0 0 0 0 0 99580 D: SVMS8 PQL 5.0 0	20 50 50 50 50 50 50 220714A SPK Val 20 50	0 0 0 0 0 0 0 5 SPK Ref Value	52.4 77.1 66.3 41.3 79.8 66.6 27.6 Units: µg/L SeqNo: 8636 %REC 53.9 77.3 65.7 44.5	26-74 47-103 41-96 28-66 49-107 41-95 18-44 	0 0 0 0 0 0 0 Analysis Prep Date: 7/13 RPD Ref Value	Date: 7/14 / 2022 %RPD 2.92 0.337 0.879	DF: 1 RPD Limit 30 40 40	:04 PM
N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol Surr: 4-Terphenyl-d14 Surr: Nitrobenzene-d5 Surr: Phenol-d6 LCSD Sample Client ID: Analyte N-Nitrosodimethylamine Surr: 2,4,6-Tribromophenol Surr: 2-Fluorobiphenyl Surr: 2-Fluorophenol	10.47 38.54 33.14 20.64 39.89 33.28 13.8 ID: SLCSDW1-199580-19 Run II Result 10.78 38.67 32.85 22.26	5.0 0 0 0 0 0 99580 D: SVMS8 PQL 5.0 0	20 50 50 50 50 50 50 220714A SPK Val 20 50 50	0 0 0 0 0 0 0 0 5 SPK Ref Value	52.4 77.1 66.3 41.3 79.8 66.6 27.6 Units: µg/L SeqNo: 863(%REC 53.9 77.3 65.7 44.5 77.6	26-74 47-103 41-96 28-66 49-107 41-95 18-44 	0 0 0 0 0 0 0 Analysis Prep Date: 7/13 RPD Ref Value 10.47 38.54 33.14 20.64	Date: 7/14 /2022 %RPD 2.92 0.337 0.879 7.55	DF: 1 RPD Limit 30 40 40 40	:04 PM

QC BATCH REPORT



Chain of Custody Form

-	
ō	
Page 1	

Prop. 1. (REIS) FOX+1, gadusts analysis (TT TT Z1)

22070225

				-		ALS Project Manager:	Manager:					L					
	Custo	Customer Information		Proje	Project Information	on				aram	eter/M	ethod I	Parameter/Method Request for Analysis	st for A	nalysi	s	
	Purchase Order		Project Name	l	RIES 07052022			4	Aldrin								
	Work Order		Project Number	ımper	-				Hexachlorodibenzo-p-dioxins	rodiber	ip-d-ozi	oxins					
	Company Name	Republic Industrial and Energy	Bill To Company		Republic Industrial and Energy	ial and Energ	>	ပ	Nitrosodimethlyamine	imethly	amine						
	Send Report To	Rick Sauve	Invoice Attn.	Attu.				Ω	,2,3,4,6	7,8,9-0	ctachlo	1,2,3,4,6,7,8,9-Octachlor-dibenzofuran	ofuran				
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	Seamon		2	Sealo				u.	Tetrachlorodibenzo-p-dioxins	rodibe	p-d-ozu	oxins					
	City/State/Zip	Romulus, MI 48174	City/State/Zip		Romulus, MI 48174	174		v									
	Phone	734-784-2708		Phone				I									
	Fax			Fax				-									
<u> </u>	e-Mail Address	e-Mail Address RSauve@republicservices.com						7									
Š		Sample Description	Date	Time	Matrix	Pres. Key Numbers	# Bottles	<	a	ပ	۵	ш	ш	Ξ _©	_	٦	유
_	June 2022 F039 Analytical) Analytical	7/5/2022				9	×	×	×	×	×	×				-
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Sar	Sampler(s): Please Print & Sign	rint & Sign	Shipment	nt Method:	T _T	Turnaround Time: (Business Days)	e: (Busines	s Days)			Other			Result	Results Due Date:	ate:	
Ŗ)	Mode Lynne	:			08 01	√ 580	38		□ 288		1 88					
Rel	Relinquished by:	Date:		Received by:			Date: Time:	Time:	Notes:								
쭚	Rick Sauve	7/5/2022	4,50	E S) WITH		7/5/12	2,52									
2	Relinguished by:		Time:	Received by (Laboratory):	aboratory):	\	Date:	Time:	ALS	ALS Cooler	Cooler		QC Package: (Check Box Below)	(Chec	k Box B	elow)	
		(1) 7/5/22	2230	V	1	1				a	Temp	-	✓ Level II: Standard QC	ndard QC	Level	Level III: Raw Data	Data
8	Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	(horatory):		Water the second		77	123	2.8,	<u> </u>] TRRP LRC		TRR	TRRP Level IV	
		16. 1 7/10/02	0000		•				9	PU32			Level IV: SW846 Methods/CLP like	846 Metho	ds/CLP lik		
		KU INIVI										8 □	Other:				
4	Preservative Key: 1-HCI	2-HNO ₃	3-H ₂ SO ₄ 4-NaOH		5-Na ₂ S ₂ O ₃ 6-N	6-NaHSO4	7-Other	8 4%		ž	te: An	y change	Note: Any changes must be made in writing once	oe made	in writ	ing onc	
٩	Revision 2 - Effective 11/9/2016	s 11/9/2016			Convright 2016 by AI S Environmental	6 hv Al S En	vivonmental			S S	nples a	nd COC	samples and COC Form have been submitted to ALS.	ave bee	n submi	tted to	ALS.

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Revision 2 - Effective 11/9/2016

Hazardous Substances Limitations and Reporting

monthly	monthly/per load	100	Tetracthyl lead	P110
Кլцյиош	monthly/per load	OΕ	Tetrachlorodibenzo-p-dioxins (TCDD)	K114'K118
	baot non)[dianom	06	paincib a annodibonoldeenteT	OLIN VLIN
				F032, K043
				F032,F039,
				F027,F028,
C			(TCDD)	F022,F026,
топрід	monthly/per load	30	Tetrachlorodibenzo-p-dioxins	F020,F021,
			nixoib-q-oznadib	K178
monthly	monthly/per load	9	1,2,3,4,6,7,8,9- Octachloro-	F039,K174,
			dibenzofuran	K178
monthly	monthly/per load	9	-o1oldast20 - 6,8,7,8,4,6,2,1	F039,K174,
monthly	monthly/per load	700	Nitrosodimethylamine	F039, P082
			[[e	
monthly	monthly/per load	9	Hexachlorodibenzo-p-dioxins,	K114'K118
			•	K099
				F032,K043,
				F032,F039,
				F027, F028,
,	T .		•	F022,F026,
Monthly	monthly/per load	9	Hexachlorodibenzo-p-dioxins	F020,F021,
monthly	monthly/per load	160	sym-Dichloromethyl ether	P016,K017
monthly	monthly/per load	200	Benzidine	1200
monthly	monthly/per load	700	ninblA	F039, P004
EBEONENCK BELOBLING WINIWNW	EKEONENCK WONILOKING WINIWNW ₂	(ws/wj)	NVINE	CODE(S) KCKY

⁵The monthly chemical analyses for the specific chemicals and waste codes required by this table apply to post-treatment "source" material for injection. A "per load" fingerprint analysis is required for each batch of post-treatment source material as specified in Part III(E) to confirm the general characteristics of the materials. The fingerprint analysis of the general characteristics of the source is not specific to these individual waste codes.

ALS Group, USA Holland, Michigan

Sample Receipt Checklist

Client Name:	REPULICINDUSTRIAL - ROMUL	<u>u</u>			Date/Time	Received:	05-	Jul-22	22:30		
Work Order:	22070225				Received b	y:	KRI	<u>N</u>			
Checklist comp	Neted by Keith Wierenga esignature)6-Jul-22 _{Date}	_	Reviewed by:	Les A	Arnold				Jul-22 Date
Matrices: Carrier name:	<u>Liquid</u> <u>FedEx</u>	I								I	
Shipping contai	iner/cooler in good condition?		Yes	\checkmark	No 🗌	Not I	Present				
Custody seals i	intact on shipping container/cooler?		Yes		No 🗌	Not I	Present	✓			
Custody seals i	ntact on sample bottles?		Yes		No 🗌	Not I	Present	\checkmark			
Chain of custod	ly present?		Yes	V	No 🗌						
Chain of custod	dy signed when relinquished and red	ceived?	Yes	✓	No 🗌						
Chain of custod	ly agrees with sample labels?		Yes	V	No 🗌						
Samples in proj	per container/bottle?		Yes	\checkmark	No 🗌						
Sample contain	ers intact?		Yes	✓	No 🗌						
Sufficient samp	le volume for indicated test?		Yes	V	No 🗆						
All samples rec	eived within holding time?		Yes	~	No 🗆						
Container/Temp	Blank temperature in compliance?	•	Yes	✓	No 🗌						
Sample(s) recei	ived on ice? /Thermometer(s):		Yes 2.8/3.8	C	No 🗌		IR3				
Cooler(s)/Kit(s):					****						
-	ple(s) sent to storage:		7/6/202	22 9:0)1:39 AM		-				
	als have zero headspace?		Yes		No ∐	No VOA	vials subn —	nitted	✓		
•	eptable upon receipt?		Yes	✓	No 🗌	_					
pH adjusted? pH adjusted by:			Yes	Ш	No 🗹	N/A L					
Login Notes:			<u>-</u>								
Logiii Notes.											
											===
Client Contacted	1 ·	ate Contacted:			Paraca	Contacted	4.				
Contacted By:	-				reison	Contacted	1.				
contacted by.	r.e	egarding:									
Comments:											
CorrectiveAction	n:						* 1181				
									SR	C Page 1	of 1

ALS HOLLAND WO# 22070225



Service Request No:E2200674

Les Arnold ALS - Holland 3352 128th Avenue Holland, MI 49424

Laboratory Results for: 22070225

Dear Les,

Enclosed are the results of the sample(s) submitted to our laboratory July 11, 2022 For your reference, these analyses have been assigned our service request number **E2200674**.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current TNI standards, where applicable, and except as noted in the laboratory case narrative provided. All results are intended to be considered in their entirety and ALS Environmental is not responsible for use of less than the complete final report. Results apply only to the items submitted to the laboratory, as received for analysis. In accordance with the current TNI Standard, a statement on the estimated uncertainty of measurement of any quantitative analysis will be supplied upon request.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Corey Grandits
Project Manager



Certificate of Analysis

ALS Environmental - Houston HRMS 10450 Stancliff Rd, Suite 210, Houston TX 77099 Phone (713)266-1599 Fax (713)266-0130 www.alsglobal.com

ALS Environmental

Client: Project: **ALS Michigan**

Sample Matrix:

22070225

Service Request No.: Date Received:

E2200674 07/11/22

CASE NARRATIVE

All analyses were performed in adherence to the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier II. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

One sample was received for analysis at ALS Environmental in Houston on 07/11/22.

The sample was received in good condition and is consistent with the accompanying chain of custody form. Dioxin/furan compounds are stable at room temperature. The sample was stored in a refrigerator at 4°C upon receipt at the laboratory.

Data Validation Notes and Discussion

Precision and Accuracy:

EQ2200293: Laboratory Control Spike/Duplicate Laboratory Control Spike (LCS/DLCS) samples were analyzed and reported in lieu of a MS/MSD for this extraction batch. The LCS and DLCS recoveries met acceptance criteria.

B flags - Method Blanks

The Method Blank EO2200293-01 contained low levels of target compounds below the Method Reporting Limit (MRL). The associated compounds in the samples are flagged with 'B' flags where the sample result is less than ten times the level detected in the method blank.

Y flags - Labeled Standards - MBLK

Quantification of the native 2,3,7,8-substituted congeners is based on isotopic dilution, which automatically corrects for variation in extraction efficiency and provides accurate values even with poor recovery. Samples that had recoveries of labeled standards outside the acceptance limits are qualified with 'Y' flags on the Labeled Compound summary pages. In all cases, the signal-to-noise ratios are greater than 10:1 and detection limits were below the Method Reporting Limits.

K flags

EMPC - When the ion abundance ratios associated with a particular compound are outside the QC limits, samples are flagged with a 'K' flag. A 'K' flag indicates an estimated maximum possible concentration for the associated compound.

2378-TCDF

Samples analyzed on the DB-5MSUI column were analyzed under conditions where sufficient separation between 2,3,7,8-TCDF and its closest eluter was achieved. Confirmation of this result was not required.

Detection Limits

Detection limits are calculated for each analyte in each sample by measuring the height of the noise level for each quantitation ion for the associated labeled standard. The concentration equivalent to 2.5 times the height of the noise is then calculated using the appropriate response factor and the weight of the sample. The calculated concentration equals the detection limit.

The TEQ Summary results for each sample have been calculated by ALS/Houston to include:

➤ WHO-2005 TEFs, The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds (M. Van den Berg et al., Toxicological Sciences 93(2):223-241, 2006)

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS group USA Corp dba ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

Client:

ALS Environmental - Holland (MI)

Project:

22070225

Service Request:E2200674

SAMPLE CROSS-REFERENCE

SAMPLE#

CLIENT SAMPLE ID

E2200674-001 July 2022 F039 Analytical

DATE

<u>TIME</u>

7/6/2022

0000

Service Request Summary

2 500 mL-Glass Bottle NM AMBER Teflon Liner Unpreserved EHRMS-WIC 8D

Corey Grandits Project Chemist: E2200674

ALS Environmental - Holland (MI) Client Name:

Folder #:

22070225 Project Name:

Project Number:

Date Received: Les Arnold Report To:

3352 128th Avenue ALS - Holland

Holland, Mi 49424 USA

616-738-7307 Phone Number:

616-836-2964 Cell Number: Fax Number: les.arnold@alsglobal.com E-mail:

616-399-6185

CGRANDITS HOUSTON Originating Lab: Logged By:

Pressure Gas: Location:

> 7/27/2022 Internal Due Date:

07/11/22

HRMS Qualifier Set LAB QAP QAP: Qualifier Set:

Lab Standard Formset:

Merged?:

22070225 Report to MDL?: P.O. Number:

BASIC_WQC_CASNo EDD:

HOUST ON Dioxins Furans/1613B Collected

07/06/22 0000

Matrix Water

July 2022 F039 Analytical Client Samp No

Lab Samp No.

E2200674-001

6 of 34

Service Request Summary

ALS Environmental - Holland (MI) Client Name:

E2200674

Folder #:

22070225 Project Name:

Project Number:

Les Arnold Report To:

ALS - Holland

3352 128th Avenue Holland, MI 49424

NSA

616-738-7307 Phone Number:

616-399-6185 616-836-2964 Cell Number: Fax Number: les.arnoid@alsglobal.com

E-mail:

Corey Grandits Project Chemist:

HOUSTON Originating Lab:

CGRANDITS Logged By:

07/11/22 Date Received:

7/27/2022 Internal Due Date:

LAB QAP QAP: HRMS Qualifier Set Qualifier Set:

Lab Standard Formset:

Merged?:

Report to MDL?:

BASIC_WQC_CASNo 22070225 EDD: P.O. Number:

Location:

Pressure Gas:

2 500 mL-Glass Bottle NM AMBER Teflon Liner Unpreserved **EHRMS-WIC 8D**

7 of 34

Data Qualifiers

HRMS Qualifier Set

- B Indicates the associated analyte was found in the method blank at >1/10th the reported value.
- E Estimated value. The reported concentration is above the calibration range of the instrument.
- H Sample extracted and/or analyzed out of suggested holding time.
- J Estimated value. The reported concentration is below the MRL.
- K The ion abundance ratio between the primary and secondary ions were outside of theoretical acceptance limits. The concentration of this analyte should be considered as an estimate.
- P Chlorodiphenyl ether interference was present at the retention time of the target analyte. Reported result should be considered an estimate.
- Q Monitored lock-mass indicates matrix-interference. Reported result is estimated.
- S Signal saturated detector. Result reported from dilution.
- U Compound was analyzed for, but was not detected (ND).
- X See Case Narrative.
- Y Isotopically Labeled Standard recovery outside of acceptance limits. In all cases, the signal-to-nois ratios are greater than 10:1, making the recoveries acceptable.
- i The MDL/MRL have been elevated due to a matrix interference.

ALS Laboratory Group

Acronyms

Cal Calibration
Conc CONCentration

Dioxin(s) Polychlorinated dibenzo-p-dioxin(s)

EDL Estimated Detection Limit

EMPC Estimated Maximum Possible Concentration

Flags Data qualifiers

Furan(s) Polychlorinated dibenzofuran(s)

g Grams

ICAL Initial CALibration

ID IDentifier

Ions Masses monitored for the analyte during data acquisition

L Liter (s)

LCS Laboratory Control Sample

DLCS Duplicate Laboratory Control Sample

MB Method Blank

MCL Method Calibration Limit
MDL Method Detection Limit

mL Milliliters

MS Matrix Spiked sample

DMS Duplicate Matrix Spiked sample

NO Number of peaks meeting all identification criteria

PCDD(s) Polychlorinated dibenzo-p-dioxin(s)
PCDF(s) Polychlorinated dibenzofuran(s)

ppb Parts per billion
ppm Parts per million
ppq Parts per quadrillion
ppt Parts per trillion
QA Quality Assurance
QC Quality Control

Ratio Ratio of areas from monitored ions for an analyte

% Rec. Percent recovery

RPD Relative Percent Difference RRF Relative Response Factor

RT Retention Time

SDG Sample Delivery Group S/N Signal-to-noise ratio

TEF Toxicity Equivalence Factor
TEQ Toxicity Equivalence Quotient



State Certifications, Accreditations, and Licenses

Agency	Number	Expire Date
Arizona Department of Health Services	AZ0793	5/27/2023
Arkansas Department of Environmental Quality	22-041-0	3/27/2023
California Department of Health Services	2919-2023	4/30/2023
Department of Defense	L22-90	3/31/2024
Florida Department of Health	E87611-36	6/30/2023
Florida Department of Health	E87611-36	6/30/2023
Florida Department of Health	E87611-36	6/30/2023
Florida Department of Health	E87611-36	6/30/2023
Hawaii Department of Health	2022	4/30/2023
Illinois Environmental Protection Agency	2000322022-9	5/9/2023
Kansas Department of Health and Environment	E-10352 2022	7/31/2022
Louisiana Department of Environmental Quality	03087-2022	6/30/2023
Louisiana Department of Health and Hospitals	LA028	12/31/2022
Maine Department of Health and Human Services	2022017	6/5/2024
Maryland Department of the Environment	343	6/30/2023
Michigan Depratment of Environmental Quality	9971-2022	4/30/2023
Minnesota Department of Health	2228443	12/31/2022
Nebraska Department of Health and Human Services	NE-OS-25-13	4/30/2023
Nevada Department of Concervation and Natural Resources	TX026932022-1	7/31/2022
New Hampshire Environmental Laboratory Accreditation Program	209422	4/24/2023
New Jersey Department of Environmental Protection	TX008-2023	6/30/2023
New York Department of Health	11707	3/31/2023
Oklahoma Department of Environmental Quality	2021-080	8/31/2022
Oregon Environmental Laboratory Accreditation Program	TX200002	5/15/2023
Pennsylvania Department of Environmental Protection	68-03441-016	6/30/2023
Perry Johnson Laboratory Accreditation	L22-91	3/31/2024
Tennessee Department of Environment and Concervation	04016-2022	4/30/2023
Texas Commission on Environmental Quality	T104704231-22-29	4/30/2023
United States Department of Agriculture	P330-19-00299	10/10/2022
Utah Department of Health Environmental Laboratory Certification	TX026932021-12	7/31/2022
Washington Department of Health	C819-2022	11/14/2022

ALS ENVIRONMENTAL – Houston Data Processing/Form Production and Peer Review Signatures

SR# Unique ID	E2200	674	DB-5MSU	SPB-Octyl
Fire	st Level - Data Pr	ocessing - to	be filled by person gener	ating the forms
Date: () 7 2	777 Analyst:	k _	Samples: 00	
	-			
S	econd Level - Da	ta Review – to	be filled by person doing	peer review
Date:	Analyst:	110	Samples:	,-
7/2	7/22	XX	001	
		- •		



Chain of Custody

ALS Environmental - Houston HRMS 10450 Stancliff Rd, Suite 210, Houston TX 77099 Phone (713)266-1599 Fax (713)266-0130 www.alsglobal.com

	X	6/Jul/2022 (2) 500AMGNEAT	Liquid 6/Ju	May 2022 F039 Analytical	22070225-01B
	A B C D E FEGR	Collection Date 24hr Bottle	Matrix Collectio	Client Sample ID	1
	¥.		eMail CC	les.amold@alsglobal.com	eMail Address
		(616) 399-6185	Fax	(616) 399-6185	Fax
	17	(616) 399-6070	Phone	(616) 399-6070	Phone
	6	Holland, Michigan 49424	City/State/Zip	Holland, Michigan 49424	City/State/Lip
	(A)				
		3352 128th Ave	Address	3352 128th Ave	Address
	D	Accounts Payable	Inv Attn	Les Amold	Send Report To
	0	ALS Group USA, Corp	Bill To Company	ALS Group USA, Corp	Company Name
	D#1, 21		Project Number		Work Order
	A Subcontracted Analyses (SUBCONTRACT)	22070225	Project Name		Purchase Order
	Parameter/Method Request for Analysis	Project Information		Customer Information	
dinavi so		and the second s	ALSHN Account	Salesperson	THE REPORT OF STREET
			7001#.		
			Acct #	`	(ALV
:	Page I of I Due Date:		FAX:	Suite 210	2
20292		(713) 266-1599	E.	10450 Standiff Rd	
06-Jul-22	GRAIN-OT-GOVERN REGISTED Date:		Houston HR	ALS Environmental - Houston HR	
				Subcontractor:	>

Comments:

Relinquished by:

Date/Time

Cooler IDs

Report/QC Level



Cooler Receipt Form

Project Chemist (ત્

Client/Project	1264-W1			The	rmometer ID	18271		
Date/Time Received:	7-11-22	Init	ials: ເກເ Dat	e/Time Logge	ed in: 7-เเ-น	Initi	ials ta	
1. Method of delivery:		Fed Ex	○ UPS	ODHL C	Courier OCI	ent	A SAME AND A SAME A SAME A SAME A SAME AND A	
Samples received in: Were custody seals on coo		x CEnv ONo ONo	if	yes, how mar	у			
Were they signed and		C _{No}	ŒN/A	Ø Wat les	Sleeves (• Other		
5. Foreign or Regulated Soil?	enta es entre en entre entre entre entre a s'entre anno en entre e	Managerial and Artist for the State of the S	Location of Sa	e and and a second contraction of the second	azzranovnesa i nagrekus ned nagužini stanovnest nagre		wift in this house of the house of the house of the house	
Cooler Tracking I	Number	COCID	Date Opened	Time Opened	Opened By	Temp.	Temp Blank?	
५५५। भरहर "	1630		7-11-22	1039	Ph	16,5		
								<i>ņ</i> .
6. Were custody papers proportions of the custody papers proportion of the custody papers proportion of the custody of the cus	d condition (not broke plete (i.e., sample ID, a containers and volume s agree with custody o	en, no sigi analysis, p as received	ns of leakage)? reservation, etc)? I for the requested	d tests?	©Yes On @Yes On @Yes On @Yes On	lo 10 10		
								-21
					•			
	antendratus contractor and the state of the	The second of Windowski (State of State	Service request	Label:			Augusta esta esta esta esta esta esta esta e	ACCEPTATION OF THE PARTY OF THE
HS-HRMSCoolerReceipt R1.	0 ALS	Ënvironi	mental - Housto 14 of 34	n HRMS		***************************************	· · · · · · · · · · · · · · · · · · ·	



10450 Stancliff Rd., Suite 210 Houston, TX 77099 T: +1 713 266 1599 F: +1 713 266 1599 www.alsglobal.com

SAMPLE ACCEPTANCE POLICY

This policy outlines the criteria samples must meet to be accepted by ALS Environmental - Houston HRMS.

Cooler Custody Seals (desirable, mandatory if specified in SAP):

✓ Intact on outside of cooler, signed and dated

Chain-of-Custody (COC) documentation (mandatory):

The following is required on each COC:

- Sample ID, the location, date and time of collection, collector's name, preservation type, sample type, and any other special remarks concerning the sampleThe COC must be completed in ink.
- ✓ Signature and date of relinquishing party.

In the absence of a COC at sample receipt, the COC will be requested from the client.

Sample Integrity (mandatory):

Samples are inspected upon arrival to ensure that sample integrity was not compromised during transfer to the laboratory.

- Sample containers must arrive in good condition (not broken or leaking).
- ✓ Samples must be labeled appropriately, including Sample IDs, and requested test using durable labels and indelible ink.
- ✓ The correct type of sample bottle must be used for the method requested.
- ✓ An appropriate sample volume, or weight, must be received.
- Sample IDs and number of containers must reconcile with the COC.
- ✓ Samples must be received within the method defined holding time.

Temperature Requirement (varies by sample matrix):

- ✓ Aqueous and Non-aqueous samples must be shipped and stored cold. at 0 to 6°C.
- ✓ Tissue samples must be shipped and stored frozen, at -20 to -10°C.
- ✓ Air samples are shipped and stored cold, at 0 to 6°C
- ✓ The sample temperature must be recorded on the COC

All cooler inspections are documented on the Cooler Receipt Form (CRF). A separate CRF is completed for each service request. Any samples not meeting the above criteria are noted on the CRF and the Project Manager notified. The Project Manager must resolve any sample integrity issues with the client prior to proceeding with the analysis. Such resolutions are documented in writing and filed with the project folder. Data associated with samples received outside of this acceptance policy will be qualified on the case narrative of the final report



Preparation Information Benchsheets

ALS Environmental - Houston HRMS 10450 Stancliff Rd., Suite 210, Houston, TX 77099 Phone (713)266-1599 Fax (713)266-0130 www.alsglobal.com

Preparation Information Benchsheet

Semivoa GCMS/SHIVANI NAIDU Prep Run#: 402719
Team: Semivoa

Prep WorkFlow: OrgExtAq(365)
Prep Method: Method Sep Funnel/Jar

Status: Prepped
Prep Date/Time: 7/13/22 11:09

#	1 ab Code	City in	1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	F	┕			
	ran cone		#	5# Method / Lest	H.	כו	Matrix	Amt. Ext.	Sample Description
	E2200573-001	IR-RW-PI-13A-001	.01	1613B/Dioxins Furans	7	п	Water	585mL	yellow cloudy
2	E2200573-002	1R-SW-PI8/9-042	.01	1613B/Dioxins Furans	7	п	Water	S95mL	clear
3	E2200576-001	22F0498-03	<u>0</u> ;	1613B/Dioxins Furans	7	u	Water	970mL	clear
4	E2200577-001	OD-901	10.	1613B/Dioxins Furans	7	п	Wastewater	1053mL	clear
5	E2200613-001	River RM 327.8	0.	1613B/Dioxins Furans	7	u	Water	1065mL	yellow clear
9	E2200622-001	BP-1023 Sandblasting Material (Clar 3)	10:	1613B/Dioxins Furans	7	u	Water	974mL	clear
7	E2200624-001	3249444-001	10.	1613B/Dioxins Furans	7	п	Wastewater	1047mL	yellow clear
«	E2200628-001	1FF2962-01	.0I	1613B/Dioxins Furans	7	п	Water	993mL	yellow cloudy
6	E2200629-001	3249826-001	.01	1613B/Dioxins Furans	7	п	Drinking Water	1061mL	clear
10	E2200630-001	3249825-001	.01	1613B/Dioxins Furans	2	n	Drinking Water	1056mL	yellow clear
11	E2200658-001	001 Quarterly Sample	10.	1613B/Dioxins Furans	7	п	Water	997mL	clear
12	E2200659-001	22F0736-01	.01	1613B/Dioxins Furans	7	п	Water	951mL	yellow clear
13	E2200674-001	July 2022 F039 Analytical	.01	1613B/Dioxins Furans	7	п	Water	462mL	green cloudy
14		MB		1613B/Dioxins Furans	7	п	Liquid	1000mL	
15		TCS		1613B/Dioxins Furans	7	п	Liquid	1000mL	
16	EQ2200293-03	DLCS		1613B/Dioxins Furans	7	п	Liquid	1000mL	
17	EQ2200293-04	MB		1613B/Dioxins Furans	7	п	Drinking Water	1000mL	
18	EQ2200293-05	rcs		1613B/Dioxins Furans	7	п	Drinking Water	1000mL	
19	EQ2200293-06	DLCS		1613B/Dioxins Furans	7	п	Drinking Water	1000mL	
20	K2206516-001	Effluent	99:	1613B/Dioxins Furans	7	п	Water	1053mL	clear
21		MW-2	99.	1613B/Dioxins Furans	7	tt	Water	1019mL	brown cloudy
22	K2206516-003	Upgradient	99.	1613B/Dioxins Furans	7	п	Water	1052mL	clear
23	23 K2206516-004	MW-1	99.	1613B/Dioxins Furans	7	п	Water	1053mL	clear
24	24 K2206846-001	M22D-DXN-IN	10.	1613B/Dioxins Furans	7	п	Water	1059mL	black cloudy
25	25 K2206846-002	M22D-DXN-EF	10.	1613B/Dioxins Furans	7	п	Water	1054mL	yellow cloudy
26	26 K2206894-001	Bleach Plant Effluent Composite	.01	1613B/Dioxins Furans	7	ц	Water	986mL	orange cloudy
i								***************************************	

Spiking Solutions

Name:	1613B Matrix Working Standard	rking Standard		Inventory ID	223733	Logbook Ref:	tw 6/28/22 223733	Expires On:	: 08/04/2022	
EQ2200293-02	93-02 100.00µL	EQ2200293-03	100.00µL							7
Name:	8290/1613B Clean	8290/1613B Cleanup Working Standard		Inventory ID	223968	Logbook Ref:	SN 7/12/22	Expires On:	: 08/04/2022	

17 of 34

Preparation Information Benchsheet

100.00L

E2200622-001

100.00µL

E2200613-001

100.00µL

E2200577-001

100.001

E2200576-001

 $100.00\mu L$

E2200573-002

100.001L

E2200573-001

Expires On: 08/04/2022

Preparation Information Benchsheet

	402719 Semivoa GCM	402719 Semivoa GCMS/SHIVANI NAIDU	_]	Prep WorkFlow Prep Method	Prep WorkFlow: OrgExtAq(365) Prep Method: Method Sep Funnel/Jar	mel/Jar		Prep	Status: Prepped Prep Date/Time: 7/13/22 11:09	d 2 11:09
E2200624-001 E2200674-001	100.00µL 100.00µL	E2200628-001 E02200293-01	100.00µL 100.00uL	E2200629-001 E02200293-02	100.00µL	E2200630-001	100.00µL	E2200658-001 K2206516-001	100.00µL	E2200659-001 K2206516-002	100.00µL
K2206516-003	100.00µL	K2206516-004	100.00П	K2206846-001	100.00µL	K2206846-002	100.00µL	K2206894-001	100.00µL	700-0100077	7400.001
Name: 1613	1613B Labeled Working Standard	king Standard	I	Inventory ID 223985	85	Logbook Ref: S	SN 7/13/22			Expires On: 08/0	08/04/2022
E2200573-001	1,000.00µL	E2200573-002	1,000.00µL	E2200576-001	1,000.00µL	E2200577-001	1,000.00μL	E2200613-001	1,000.00μL	E2200622-001	1,000.00µL
E2200674-001	1,000.00µL	EQ2200293-01	1,000.00µL	EQ2200293-02	1,000.00µL	E2200250-001 EQ2200293-03	1,000.00µL	E2200538-001 K2206516-001	1,000.00µL 1,000.00µL	E2200539-001 K2206516-002	1,000.00µL 1,000.00µL
K2206516-003	1,000.00μL	K2206516-004	1,000.00μL	K2206846-001	1,000.00μL	K2206846-002	1,000.00µL	K2206894-001	1,000.00µL		
Preparation Materials	aterials										
Carbon, High Purity	χ.	SN 5/16/2022 (223091)		Ethyl Acetate 99.9% Minimum EtOAc		Ethyl Acetate 6/30/22 (223782)	23782)	Glass Wool		tw 7/8/21 glass wool (218851)	851)
Hexanes 95%		SN 5/5/2022 (222913)		Chlorine Test Strips		Chlorine Test Strips (223778)	3778)	Dichloromethane (Methylene	ethylene	SN 3/24/2022 (222245)	
Sodium Hydroxide 1N NaOH	IN NaOH	SN 4/26/22 (222726)		Sodium Sulfate Anhydrous Reagent Grade Na2SO4	snc	SN 5/18/22 (223143)		Tridecane (n-Tridecane)	ne)	SN 5/3/22 (222849)	
Silica Gel		tw 3/3/22 silica gel (222195)	195)	sulfuric acid		8/12/21 tw (218912)		Toluene 99.9% Minimum	mnm	tw 2/16/22 toluene (221679)	(62
ColorpHast pH-Indicator Strips Preparation Steps	icator Strips eps	pH-Indicator strips (217936)	936)								
	Extraction	Step:	Acid Clean	Step:	Silica Gel Clean			Final Volume			•
Started: 7/13/	7/13/22 11:09	Started:	7/15/22 09:00	Started:				7/15/22 13:00			
	M13/22 17:00 SHIVANI NAIDU	Finished: By:	//15/22 10:00 SHIVANI NAIDU	Finished: J By:	1: 7/15/22 13:00 SHIVANI NAIDU		Finished: 7/15/ Bv: SHIY	7/15/22 16:00 SHIVANI NAIDU			
Comments		Comments		Comments			ments				

Date: 7/20/22 Š Chain of Custody Reviewed By: Comments:

Preparation Information Benchsheet Printed 7/20/22 11:29

Extracts Examined
Yes No

Date: Date:

Relinquished By:

Received By:

Page 2



Analytical Results

ALS Environmental - Houston HRMS 10450 Stancliff Rd., Suite 210, Houston, TX 77099 Phone (713)266-1599 Fax (713)266-0130 www.alsglobal.com

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22070225

Service Request: E2200674 Date Collected: 07/06/22 00:00

Sample Matrix:

Water

Date Received: 07/11/22 10:35

Sample Name: Lab Code:

July 2022 F039 Analytical

E2200674-001

Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/24/22 06:09

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

462mL

Instrument Name: E-HRMS-08

GC Column: DB-5MSUI

Data File Name:

P630425

Blank File Name: P538935

ICAL Date:

03/15/22

Cal Ver. File Name: P630421

Native Analyte Results

				Ion		Dilution
Analyte Name	Result Q	\mathbf{EDL}	MRL .	Ratio	RRT	Factor
2,3,7,8-TCDD	6.20 JK	3.70	10.8	0.63	1.001	1
1,2,3,7,8-PeCDD	7.86 JK	1.46	54.1	1.14	1.001	1
1,2,3,4,7,8-HxCDD	7.78 J	0.765	54.1	1.13	1.000	1
1,2,3,6,7,8-HxCDD	7.70 J	0.680	54.1	1.43	1.000	1
1,2,3,7,8,9-HxCDD	5.90 JK	0.691	54.1	0.81	1.007	1
1,2,3,4,6,7,8-HpCDD	46.0 BJ	2.55	54.1	1.08	1.000	1
OCDD	229	3.80	108	0.85	1.000	1
2,3,7,8-TCDF	22.6	2.30	10.8	0.78	1.001	1
1,2,3,7,8-PeCDF	200	12.0	54.1	1.56	1.001	1
2,3,4,7,8-PeCDF	127	10.6	54.1	1.54	1.000	1
1,2,3,4,7,8-HxCDF	1580	6.78	54.1	1.18	1.000	1
1,2,3,6,7,8-HxCDF	531	7.21	54.1	1.19	1.000	1
1,2,3,7,8,9-HxCDF	43.5 J	9.75	54.1	1.27	1.001	1
2,3,4,6,7,8-HxCDF	118	6.60	54.1	1.07	1.000	1
1,2,3,4,6,7,8-HpCDF	9840	15.3	54.1	0.98	1.000	1
1,2,3,4,7,8,9-HpCDF	135	17.5	54.1	1.02	1.000	1
OCDF	11100	21.5	108	0.86	1.005	1

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Project: ALS Environmental - Holland (MI)

22070225

Water

Service Request: E2200674

Date Collected: 07/06/22 00:00

Date Received: 07/11/22 10:35

Sample Name:

July 2022 F039 Analytical

Lab Code:

Sample Matrix:

E2200674-001

Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/24/22 06:09

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

462mL

Instrument Name: E-HRMS-08

GC Column: DB-5MSUI

Data File Name:

P630425

Blank File Name: P538935

ICAL Date:

03/15/22

Cal Ver. File Name: P630421

Native Analyte Results

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total Tetra-Dioxins	20.8	3.70	10.8	0.76		1
Total Penta-Dioxins Total Hexa-Dioxins	33.2 J 80.6	1.46 0.710	54.1 54.1	1.49 1.16		1 1
Total Hepta-Dioxins	104	2.55	54.1	1.01		1
Total Tetra-Furans Total Penta-Furans Total Hexa-Furans Total Hepta-Furans	1140 2380 4470 10600	2.30 1.36 7.45 16.4	10.8 54.1 54.1 54.1	0.82 1.51 1.20 0.98		1 1 1 1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22070225

Service Request: E2200674 **Date Collected:** 07/06/22 00:00

Water

Date Received: 07/11/22 10:35

Sample Name:

Sample Matrix:

July 2022 F039 Analytical

Lab Code:

E2200674-001

Units: Percent

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/24/22 06:09

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

462mL

Instrument Name: E-HRMS-08

GC Column: DB-5MSUI

Data File Name:

P630425

Blank File Name: P538935

ICAL Date:

03/15/22

Cal Ver. File Name: P630421

	Spike	Conc.			Control	Ion	
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	1025.139	51		25-164	0.79	1.022
13C-1,2,3,7,8-PeCDD	2000	1170.278	59		25-181	1.56	1.200
13C-1,2,3,4,7,8-HxCDD	2000	1096.967	55		32-141	1.25	0.991
13C-1,2,3,6,7,8-HxCDD	2000	1309.700	65		28-130	1.22	0.993
13C-1,2,3,4,6,7,8-HpCDD	2000	1005.059	50		23-140	1.05	1.068
13C-OCDD	4000	1871.601	47		17-157	0.87	1.141
13C-2,3,7,8-TCDF	2000	956.675	48		24-169	0.78	0.992
13C-1,2,3,7,8-PeCDF	2000	1118.732	56		24-185	1.59	1.154
13C-2,3,4,7,8-PeCDF	2000	1187.322	59		21-178	1.57	1.190
13C-1,2,3,4,7,8-HxCDF	2000	1157.271	58		26-152	0.52	0.970
13C-1,2,3,6,7,8-HxCDF	2000	1088.375	54		26-123	0.52	0.973
13C-1,2,3,7,8,9-HxCDF	2000	1016.065	51		29-147	0.51	1.008
13C-2,3,4,6,7,8-HxCDF	2000	1246.418	62		28-136	0.51	0.987
13C-1,2,3,4,6,7,8-HpCDF	2000	925.607	46		28-143	0.42	1.043
13C-1,2,3,4,7,8,9-HpCDF	2000	1105.261	55		26-138	0.42	1.080
37Cl-2,3,7,8-TCDD	800	447.808	56		35-197	NA	1.023

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22070225

Service Request: E2200674

Date Collected: 07/06/22 00:00

Sample Matrix:

Water

Date Received: 07/11/22 10:35

Sample Name:

July 2022 F039 Analytical

Lab Code:

E2200674-001

Units: pg/L

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Prep Method:

Method Sep Funnel/Jar

Toxicity Equivalency Quotient

				Dilution	TEF - Adjusted	
Analyte Name	Result	DL	MRL	Factor	TEF	Concentration
2,3,7,8-TCDD	6.20	3.70	10.8	1	1	6.20
1,2,3,7,8-PeCDD	7.86	1.46	54.1	1	1	7.86
1,2,3,4,7,8-HxCDD	7.78	0.765	54.1	1	0.1	0.778
1,2,3,6,7,8-HxCDD	7.70	0.680	54.1	1	0.1	0.770
1,2,3,7,8,9-HxCDD	5.90	0.691	54.1	1	0.1	0.590
1,2,3,4,6,7,8-HpCDD	46.0	2.55	54.1	1	0.01	0.460
OCDD	229	3.80	108	1	0.0003	0.0687
2,3,7,8-TCDF	22.6	2.30	10.8	1	0.1	2.26
1,2,3,7,8-PeCDF	200	12.0	54.1	1	0.03	6.00
2,3,4,7,8-PeCDF	127	10.6	54.1	1	0.3	38.1
1,2,3,4,7,8-HxCDF	1580	6.78	54.1	1	0.1	158
1,2,3,6,7,8-HxCDF	531	7.21	54.1	1	0.1	53.1
1,2,3,7,8,9-HxCDF	43.5	9.75	54.1	1	0.1	4.35
2,3,4,6,7,8-HxCDF	118	6.60	54.1	1	0.1	11.8
1,2,3,4,6,7,8-HpCDF	9840	15.3	54.1	1	0.01	98.4
1,2,3,4,7,8,9-HpCDF	135	17.5	54.1	1	0.01	1.35
OCDF	11100	21.5	108	1	0.0003	3.33
	Tr	stal TEO				303

Total TEQ

393

2005 WHO TEFs, ND = 0

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project: Sample Matrix: 22070225

Service Request: E2200674

Date Collected: NA

Sample Name:

Water

Date Received: NA

Lab Code:

Method Blank EQ2200293-01 Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/20/22 19:34

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

ICAL Date:

P538935 01/18/22 Blank File Name: P538935

Cal Ver. File Name: P538932

A 1.4 N	70. 17	•	EDY	MAN	Ion	DD/5	Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	ND	U	8.86	8.86			1
1,2,3,7,8-PeCDD	ND	U	3.75	25.0			1
1,2,3,4,7,8-HxCDD	ND	U	3.52	25.0			1
1,2,3,6,7,8-HxCDD	ND	U	3.08	25.0			1
1,2,3,7,8,9-HxCDD	ND	U	3.28	25.0			1
1,2,3,4,6,7,8-HpCDD	9.50 Jk	ζ.	4.98	25.0	1.36	1.001	1
OCDD	13.4 Jk	ζ.	7.29	50.0	1.13	1.001	1
2,3,7,8-TCDF	ND	U	6.37	6.37			1
1,2,3,7,8-PeCDF	ND	U	3.81	25.0			1
2,3,4,7,8-PeCDF	ND	U	3.42	25.0	•		1
1,2,3,4,7,8-HxCDF	ND	U	2.21	25.0			1
1,2,3,6,7,8-HxCDF	3.47 JK	(2.45	25.0	1.45	1.000	1
1,2,3,7,8,9-HxCDF	ND	U	4.13	25.0			1
2,3,4,6,7,8-HxCDF	ND	U	2.48	25.0			1
1,2,3,4,6,7,8-HpCDF	5.41J		1.26	25.0	0.88	1.000	1
1,2,3,4,7,8,9-HpCDF	9.43 J		1.93	25.0	1.12	1.000	1
OCDF	19.6 J		11.4	50.0	0.80	1.006	1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200674

Project: Sample Matrix: 22070225

Date Collected: NA

Sample Name:

Water

Date Received: NA

Lab Code:

Method Blank EQ2200293-01 Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/20/22 19:34

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

P538935

Blank File Name: P538935

ICAL Date:

01/18/22

Cal Ver. File Name: P538932

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
Total Tetra-Dioxins	ND	U	8.86	8.86			1
Total Penta-Dioxins	ND	U	3.75	25.0			1
Total Hexa-Dioxins	ND	U	3.28	25.0			1
Total Hepta-Dioxins	ND	U	4.98	25.0			1
Total Tetra-Furans	ND	U	6.37	6.37			1
Total Penta-Furans	ND	U	3.61	25.0			1
Total Hexa-Furans	ND	U	2.68	25.0			1
Total Hepta-Furans	9.43 J		1.54	25.0	1.12		1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200674

Project: Sample Matrix: 22070225

Date Collected: NA

Sample Name:

Water

Date Received: NA

Lab Code:

Method Blank EQ2200293-01 Units: Percent Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/20/22 19:34

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

1000mL

Date Extracted: 7/15/22

100011

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name: ICAL Date:

P538935

Blank File Name: P538935 Cal Ver. File Name: P538932

01/18/22

Labeled Compounds	Spike Conc.(pg)	Conc. Found (pg)	% Rec	Q	Control Limits	Ion Ratio	RRT
13C-2,3,7,8-TCDD	2000	436.864	22	Y	25-164	0.77	1.020
13C-1,2,3,7,8-PeCDD	2000	482.892	24	$\hat{\mathbf{Y}}$	25-181	1.64	1.178
13C-1,2,3,4,7,8-HxCDD	2000	529.844	26	$\dot{\mathbf{Y}}$	32-141	1.30	0.991
13C-1,2,3,6,7,8-HxCDD	2000	627.003	31		28-130	1.29	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	453.728	23		23-140	1.10	1.065
13C-OCDD	4000	638.201	16	Y	17-157	0.92	1.139
13C-2,3,7,8-TCDF	2000	422.874	21	Y	24-169	0.80	0.994
13C-1,2,3,7,8-PeCDF	2000	433.923	22	Y	24-185	1.58	1.137
13C-2,3,4,7,8-PeCDF	2000	464.245	23		21-178	1.62	1.168
13C-1,2,3,4,7,8-HxCDF	2000	570.494	29		26-152	0.49	0.972
13C-1,2,3,6,7,8-HxCDF	2000	507.242	25	Y	26-123	0.49	0.975
13C-1,2,3,7,8,9-HxCDF	2000	393.936	20	Y	29-147	0.50	1.008
13C-2,3,4,6,7,8-HxCDF	2000	540.361	27	\mathbf{Y}	28-136	0.50	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	431.016	22	Y	28-143	0.42	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	360.235	18	Y	26-138	0.43	1.079
37Cl-2,3,7,8-TCDD	800	408.069	51		35-197	NA	1.020



Accuracy & Precision

ALS Environmental - Houston HRMS 10450 Stancliff Rd., Suite 210, Houston TX 77099 Phone (713)266-1599 Fax (713)266-0130 www.alsglobal.com

QA/QC Report

Client:

ALS Environmental - Holland (MI)

Project: 22070225

Service Request:

E2200674 07/23/22 - 07/21/22

Sample Matrix:

Water

Date Analyzed: Date Extracted:

07/13/22

Duplicate Lab Control Sample Summary

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Units:

pg/L

Prep Method:

Method Sep Funnel/Jar

Basis:

NA

Analysis Lot:

771550

Lab Control Sample EQ2200293-02

Duplicate Lab Control Sample

EQ2200293-03

							% Rec		
Analyte Name	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	Limits	RPD	RPD Limit
1,2,3,4,6,7,8-HpCDD	949	1000	95	997	1000	100	70-140	5	50
1,2,3,4,7,8-HxCDD	978	1000	98	1050	1000	105	70-164	8	50
1,2,3,6,7,8-HxCDD	860	1000	86	930	1000	93	76-134	8	50
1,2,3,7,8,9-HxCDD	963	1000	96	955	1000	95	64-162	<1	50
1,2,3,7,8-PeCDD	935	1000	93	942	1000	94	70-142	<1	50
2,3,7,8-TCDD	174	200	87	179	200	89	67-158	3	50
OCDD	1910	2000	95	2010	2000	100	78-144	5	50
1,2,3,4,6,7,8-HpCDF	966	1000	97	1030	1000	103	82-122	6	50
1,2,3,4,7,8,9-HpCDF	943	1000	94	997	1000	100	78-138	5	50
1,2,3,4,7,8-HxCDF	879	1000	88	936	1000	94	72-134	6	50
1,2,3,6,7,8-HxCDF	958	1000	96	1030	1000	103	84-130	8	50
1,2,3,7,8,9-HxCDF	911	1000	91	1030	1000	103	78-130	12	50
1,2,3,7,8-PeCDF	931	1000	93	992	1000	99	80-134	6	50
2,3,4,6,7,8-HxCDF	799	1000	80	875	1000	88	70-156	9	50
2,3,4,7,8-PeCDF	894	1000	89	930	1000	93	68-160	4	50
2,3,7,8-TCDF	172	200	86	190	200	95	75-158	10	50
OCDF	1870	2000	94	2200	2000	110	63-170	16	50

Analytical Report

Client: ALS Environmental - Holland (MI) Service Request: E2200674

Project: 22070225 Date Collected: NA
Sample Matrix: Water Date Received: NA

Sample Name:Lab Control SampleUnits: pg/LLab Code:EQ2200293-02Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method: 1613B Date Analyzed: 07/23/22 10:45

Prep Method:Method Sep Funnel/JarDate Extracted: 7/13/22Sample Amount:1000mLInstrument Name: E-HRMS-07

GC Column: DB-5MSUI **Data File Name:** P539010 **Blank File Name:** P538935

ICAL Date: 01/18/22 Cal Ver. File Name: P539001

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	174		2.61	5.00	0.81	1.001	1
1,2,3,7,8-PeCDD	935		0.906	25.0	1.58	1.000	1
1,2,3,4,7,8-HxCDD	978		1.27	25.0	1.26	1.000	1
1,2,3,6,7,8-HxCDD	860		1.13	25.0	1.30	1.000	1
1,2,3,7,8,9-HxCDD	963		1.20	25.0	1.25	1.007	1
1,2,3,4,6,7,8-HpCDD	949		1.20	25.0	1.04	1.000	1
OCDD	1910		6.40	50.0	0.89	1.000	1
2,3,7,8-TCDF	172		2.65	5.00	0.68	1.001	1
1,2,3,7,8-PeCDF	931		2.29	25.0	1.49	1.001	1
2,3,4,7,8-PeCDF	894		2.06	25.0	1.46	1.000	1
1,2,3,4,7,8-HxCDF	879		2.34	25.0	1.13	1.000	1
1,2,3,6,7,8-HxCDF	958		2.50	25.0	1.20	1.000	1
1,2,3,7,8,9-HxCDF	911		3.05	25.0	1.20	1.000	1
2,3,4,6,7,8-HxCDF	799		2.21	25.0	1.16	1.000	1
1,2,3,4,6,7,8-HpCDF	966		5.89	25.0	0.98	1.000	1
1,2,3,4,7,8,9-HpCDF	943		8.02	25.0	0.99	1.000	1
OCDF	1870		5.50	50.0	0.87	1.005	1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22070225

Service Request: E2200674

Date Collected: NA

Sample Name:

Sample Matrix:

Water

Date Received: NA

Sample Name

Lab Control Sample

Units: pg/L Basis: NA

Lab Code:

EQ2200293-02

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/23/22 10:45

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

G

GC Column: DB-5MSUI

Data File Name:

P539010

Blank File Name: P538935

ICAL Date:

01/18/22

Cal Ver. File Name: P539001

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
Total Tetra-Dioxins	174		2.61	5.00	0.81		1
Total Penta-Dioxins	935		0.906	25.0	1.58		1
Total Hexa-Dioxins	2800		1.20	25.0	1.26		1
Total Hepta-Dioxins	949		1.20	25.0	1.04		1
Total Tetra-Furans	175		2.65	5.00	0.68		1
Total Penta-Furans	1830		2.17	25.0	1.49		1
Total Hexa-Furans	3550		2.50	25.0	1.13		1
Total Hepta-Furans	1910	4	6.84	25.0	0.98		1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200674 Date Collected: NA

Project:

22070225

Sample Matrix:

Water

Date Received: NA

Sample Name:

Lab Control Sample

Units: Percent

Lab Code:

EQ2200293-02

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/23/22 10:45

Basis: NA

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

Blank File Name: P538935

ICAL Date:

P539010 01/18/22

Cal Ver. File Name: P539001

	Spike	Conc.			Control	Ion	
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	1153.813	58		25-164	0.79	1.020
13C-1,2,3,7,8-PeCDD	2000	1393.842	70		25-181	1.58	1.178
13C-1,2,3,4,7,8-HxCDD	2000	1227.513	61		32-141	1.29	0.991
13C-1,2,3,6,7,8-HxCDD	2000	1394.996	70		28-130	1.28	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	1275.894	64		23-140	1.06	1.066
13C-OCDD	4000	2580.740	65		17-157	0.89	1.139
13C-2,3,7,8-TCDF	2000	1007.799	50		24-169	0.79	0.994
13C-1,2,3,7,8-PeCDF	2000	1238.116	62		24-185	1.58	1.138
13C-2,3,4,7,8-PeCDF	2000	1353.154	68		21-178	1.57	1.169
13C-1,2,3,4,7,8-HxCDF	2000	1230.234	62		26-152	0.51	0.972
13C-1,2,3,6,7,8-HxCDF	2000	1127.654	56		26-123	0.51	0.974
13C-1,2,3,7,8,9-HxCDF	2000	1178.568	59		29-147	0.50	1.008
13C-2,3,4,6,7,8-HxCDF	2000	1372.061	69		28-136	0.50	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	1160.225	58		28-143	0.41	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	1100.028	55		26-138	0.43	1.078
37Cl-2,3,7,8-TCDD	800	440.980	55		35-197	NA	1.021

Analytical Report

Client: Project: ALS Environmental - Holland (MI)

22070225

Sample Matrix:

Water

Service Request: E2200674

Date Collected: NA Date Received: NA

Sample Name:

Lab Code:

Duplicate Lab Control Sample

EQ2200293-03

Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Method Sep Funnel/Jar

Prep Method: **Sample Amount:**

1000mL

Date Analyzed: 07/21/22 03:37 Date Extracted: 7/13/22

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

Blank File Name: P538935

ICAL Date:

P538945 01/18/22

Cal Ver. File Name: P538932

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
2,3,7,8-TCDD	179		2.72	5.00	0.75	1.001	1
1,2,3,7,8-PeCDD	942	•	1.17	25.0	1.59	1.000	1
1,2,3,4,7,8-HxCDD	1050		0.744	25.0	1.21	1.000	1
1,2,3,6,7,8-HxCDD	930		0.659	25.0	1.24	1.000	1
1,2,3,7,8,9-HxCDD	955		0.700	25.0	1.26	1.007	1
1,2,3,4,6,7,8-HpCDD	997		1.18	25.0	1.01	1.000	1
OCDD	2010		7.87	50.0	0.88	1.000	1
2,3,7,8-TCDF	190		2.03	5.00	0.65	1.001	1
1,2,3,7,8-PeCDF	992		1.52	25.0	1.52	1.001	1
2,3,4,7,8-PeCDF	930		1.43	25.0	1.46	1.000	1
1,2,3,4,7,8-HxCDF	936		0.602	25.0	1.21	1.000	1
1,2,3,6,7,8-HxCDF	1030		0.660	25.0	1.19	1.000	1
1,2,3,7,8,9-HxCDF	1030		0.898	25.0	1.18	1.000	1
2,3,4,6,7,8-HxCDF	875		0.584	25.0	1.17	1.000	1
1,2,3,4,6,7,8-HpCDF	1030		1.86	25.0	0.96	1.000	1
1,2,3,4,7,8,9-HpCDF	997		2.40	25.0	0.95	1.000	1
OCDF	2200		5.74	50.0	0.87	1.006	1

Analytical Report

Client: ALS Environmental - Holland (MI)

Project: 22070225

Date Collected: NA

Service Request: E2200674

Sample Matrix:

Water

Date Received: NA

Sample Name: Lab Code: Duplicate Lab Control Sample

EQ2200293-03

Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/21/22 03:37

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

10001111

GC Column: DB-5MSUI

Data File Name:

P538945

Blank File Name: P538935

ICAL Date:

01/18/22

Cal Ver. File Name: P538932

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
Total Tetra-Dioxins	179		2.72	5.00	0.75		1
Total Penta-Dioxins	942		1.17	25.0	1.59		1
Total Hexa-Dioxins	2940		0.699	25.0	1.21		1
Total Hepta-Dioxins	997		1.18	25.0	1.01		1
Total Tetra-Furans	190		2.03	5.00	0.65		1
Total Penta-Furans	1920		1.47	25.0	1.52		1
Total Hexa-Furans	3870		0.669	25.0	1.21		1
Total Hepta-Furans	2030		2.11	25.0	0.96		1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22070225

Service Request: E2200674

Date Collected: NA

Sample Name:

Sample Matrix:

Water

Date Received: NA

Sumple Fund

Duplicate Lab Control Sample

Units: Percent
Basis: NA

Lab Code:

EQ2200293-03

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 07/21/22 03:37

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 7/13/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

.

me: E-HRMS-0/

GC Column: DB-5MSUI

Data File Name:

P538945

Blank File Name: P538935

ICAL Date:

01/18/22

Cal Ver. File Name: P538932

	Spike	Conc.			Control	Ion	
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	995.052	50		25-164	0.77	1.020
13C-1,2,3,7,8-PeCDD	2000	1067.169	53		25-181	1.60	1.178
13C-1,2,3,4,7,8-HxCDD	2000	994.904	50		32-141	1.27	0.991
13C-1,2,3,6,7,8-HxCDD	2000	1136.294	57		28-130	1.28	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	840.644	42		23-140	1.07	1.066
13C-OCDD	4000	1218.949	30		17-157	0.87	1.139
13C-2,3,7,8-TCDF	2000	885.135	44		24-169	0.79	0.994
13C-1,2,3,7,8-PeCDF	2000	954.415	48		24-185	1.58	1.137
13C-2,3,4,7,8-PeCDF	2000	1017.123	51		21-178	1.57	1.168
13C-1,2,3,4,7,8-HxCDF	2000	1039.229	52		26-152	0.50	0.972
13C-1,2,3,6,7,8-HxCDF	2000	941.775	47		26-123	0.50	0.975
13C-1,2,3,7,8,9-HxCDF	2000	862.086	43		29-147	0.50	1.008
13C-2,3,4,6,7,8-HxCDF	2000	1103.005	55		28-136	0.50	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	787.517	39		28-143	0.43	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	790.346	40		26-138	0.43	1.079
37Cl-2,3,7,8-TCDD	800	438.727	55		35-197	NA	1.020