

August 10th, 2023

Mr. Andrew Greenhagen
United States Environmental Protection Agency
Region 5 (WU-16J)
77 West Jackson Blvd.
Chicago, Illinois 60604

Re: RIES Monthly Report

Dear Mr. Andrew Greenhagen:

Republic Industrial and Energy Solutions, LLC (RIES) hereby submits the hundred and fourteenth 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 July of 2023 so as stated on page A-3 of 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.

John C. Barta

cc: Tabetha Peebles (Republic Services)
John Frost (Republic Services)

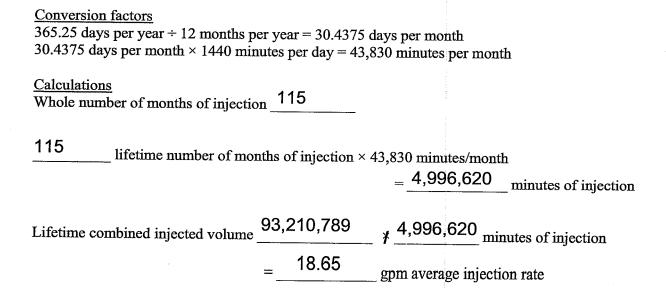
AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR	2023	
CURRENT REPORTING MONTH	July	
Date (month, year) of the first injection	on into either well at the C	itrin Road Facility
November 2013		

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
M	I-163-1W-C010,	Well #1-12	
Current Month	552,620	0	552,620
Since facility first injected			55,926,529
M	II-163-1W-C011, v	Well #2-12	
Current Month	830,940	0	830,940
Since facility first injected			37,284,260
		Lifetime Combined	93,210,789



WELL 1 DATA



					Injecti	Injection Well 1, July 2023	2023					
	Injection Pr	Injection Pressure (psig)	Annulus Tar	Annulus Tank Level (inch)	Annulus Pressure (psig)	ssure (psig)	Injection pH	Hd uc	Flow Ra	Flow Rate (gpm)	Differential Pr	Differential Pressure (psig)
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
7/1/2023	162.8	930.5	17.7	17.8	814.0	1,149.3	2.1	2.3	0.0	51.1	217.6	652.4
7/2/2023	148.4	163.1	17.7	17.7	793.5	814.3	2.3	2.3	0.0	0.0	644.9	651.5
7/3/2023	140.2	148.7	17.6	17.7	778.6	793.8	2.3	2.3	0.0	0.0	638.0	645.5
7/4/2023	134.5	140.3	17.7	17.7	766.4	0.677	2.3	2.4	0.0	0.0	631.7	638.8
7/5/2023	132.7	940.5	17.7	17.8	762.6	1,337.5	1.8	8.4	0.0	54.9	238.8	725.2
7/6/2023	140.9	939.7	17.7	17.8	811.9	1,331.4	1.8	7.7	0.0	64.2	220.1	702.4
7/7/2023	192.0	940.2	17.7	17.8	812.3	1,318.6	2.0	8.1	0.0	61.8	183.7	662.6
7/8/2023	139.6	285.5	17.7	17.7	780.3	948.3	7.9	8.1	0.0	0.0	640.2	696.2
//9/2023	124.8	139.8	17.6	17.7	755.4	7.087	6.7	7.9	0.0	0.0	630.3	640.9
7/10/2023	121.8	940.2	17.6	17.8	750.0	1,267.8	5.7	8.8	0.0	51.4	215.2	631.0
7/11/2023	140.3	940.0	17.7	17.8	792.6	1311.0	2.0	8.0	0.0	55.9	241.2	664.1
7/12/2023	156.7	940.0	17.7	17.8	823.1	1,324.8	2.0	9.2	0.0	55.9	273.0	696.0
7/13/2023	169.7	941.2	17.7	17.7	831.8	1,298.8	1.9	7.7	0.0	64.2	252.6	681.8
7/14/2023	162.5	955.0	17.6	17.7	242.6	1,291.9	6.2	8.3	0.0	76.3	251.0	1061.2
7/15/2023	114.0	938.8	17.6	17.7	744.2	1,161.3	9.0	6.9	0.0	56.2	167.9	656.6
7/16/2023	101.3	114.3	17.6	17.7	712.1	744.4	1.7	1.9	0.0	0.0	610.5	630.3
7/17/2023	99.2	940.1	16.8	17.7	6.907	1513.6	1.3	7.8	0.0	73.2	167.8	815.2
7/18/2023	164.3	941.1	16.8	16.9	994.8	1448.9	1.9	7.0	0.0	55.9	443.8	882.7
7/19/2023	179.6	941.9	16.8	16.9	988.9	1,508.4	4.7	8.1	0.0	66.6	430.9	854.3
7/20/2023	162.4	941.5	16.8	16.9	987.3	1,480.3	5.0	7.7	0.0	59.2	426.4	855.0
7/21/2023	144.7	939.8	16.8	16.9	965.5	1,458.6	2.4	8.2	0.0	60.6	416.8	860.0
7/22/2023	166.9	941.4	16.8	16.9	914.1	1,275.5	5.1	7.9	0:0	83.5	314.2	821.6
1/23/2023	163.8	187.5	16.8	16.9	878.1	914.4	6.6	7.0	0.0	0.0	714.0	727.3
7/24/2023	159.5	941.2	16.8	16.9	870.0	1,451.2	2.5	7.8	0.0	72.2	305.7	714.6
7/25/2023	172.4	940.0	16.8	16.9	955.9	1414.1	2.1	7.8	0.0	55.0	377.1	822.4
//26/2023	179.2	941.5	16.8	16.9	945.8	1,424.2	2.0	7.1	0.0	59.5	378.8	796.3
//2//2023	179.7	939.8	16.8	16.9	936.1	1,312.9	1.7	7.5	0.0	46.2	272.1	785.5
7/28/2023	205.9	940.1	16.8	16.9	884.4	1,383.5	1.5	7.4	0.0	64.1	261.0	679.1
7/29/2023	169.4	270.9	16.8	16.9	846.7	934.7	4.9	5.8	0.0	0.0	663.8	692.9
7/30/2023	153.6	169.6	16.7	16.8	819.8	846.5	4.4	4.9	0.0	0.0	666.1	677.3
1/31/2023	148.5	940.2	16.7	16.8	810.4	1368.6	1.7	8.9	0.0	81.7	275.5	6.989

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

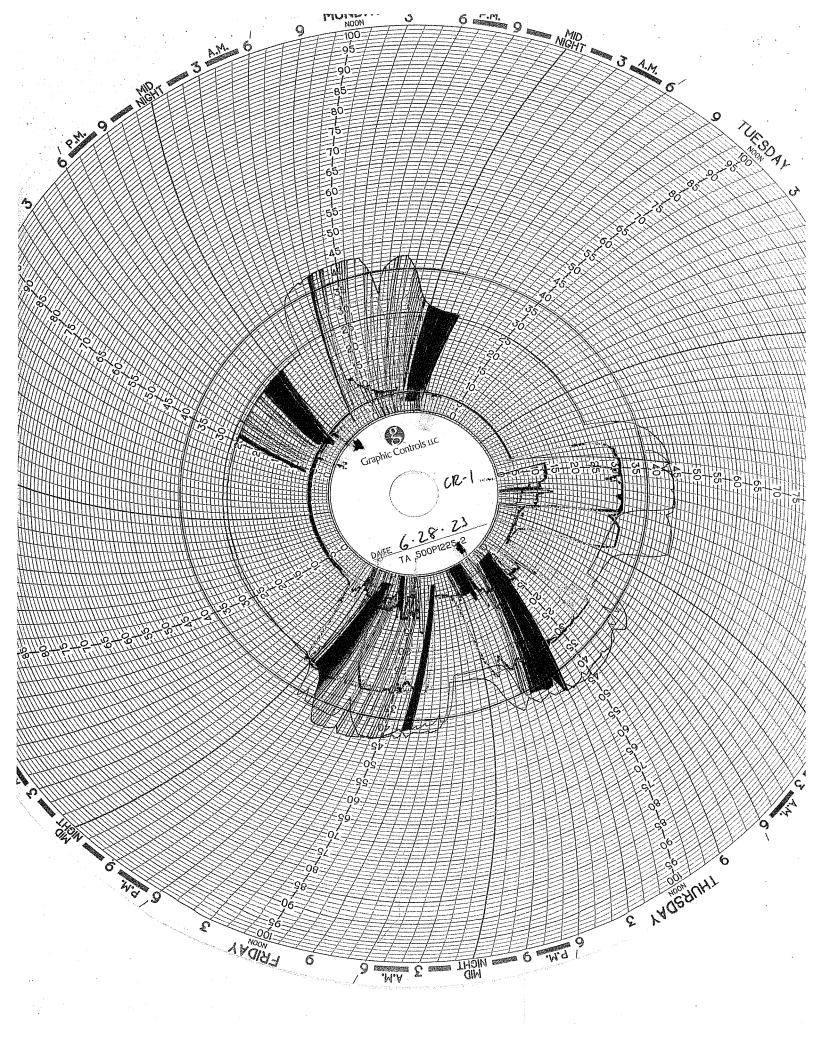
Red Pen -- Well 1 Monthly Volume (chart value x 100,000)

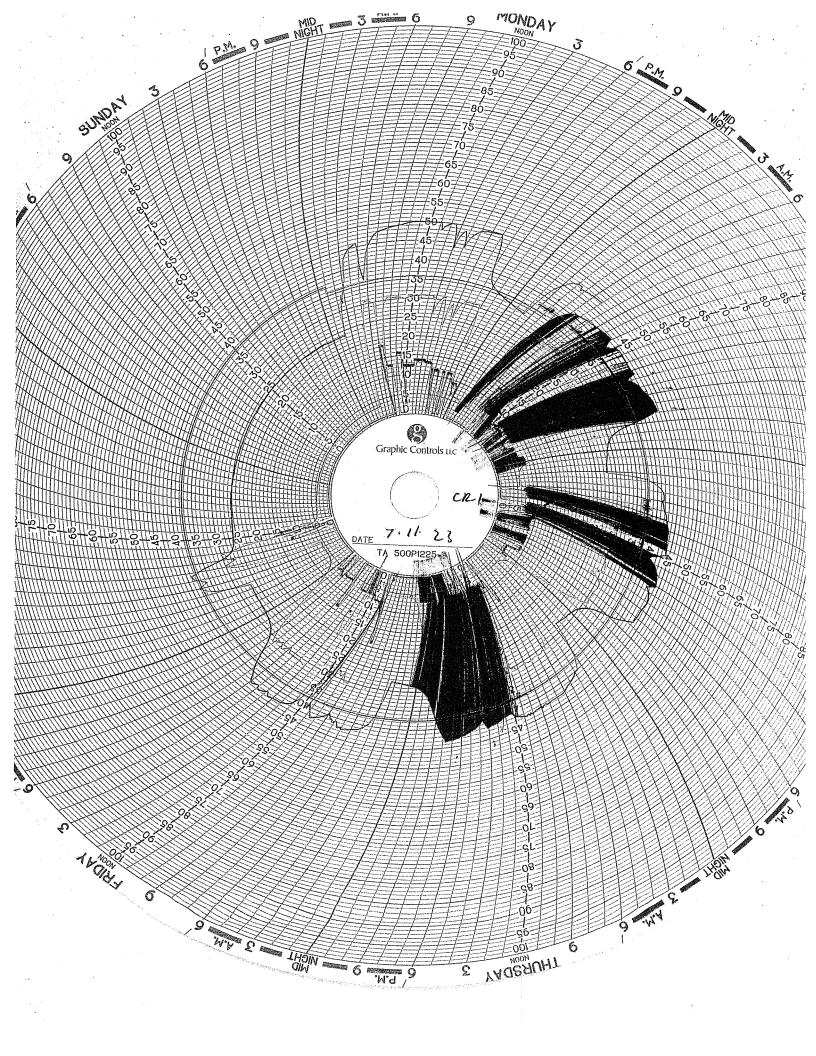
Channel #3

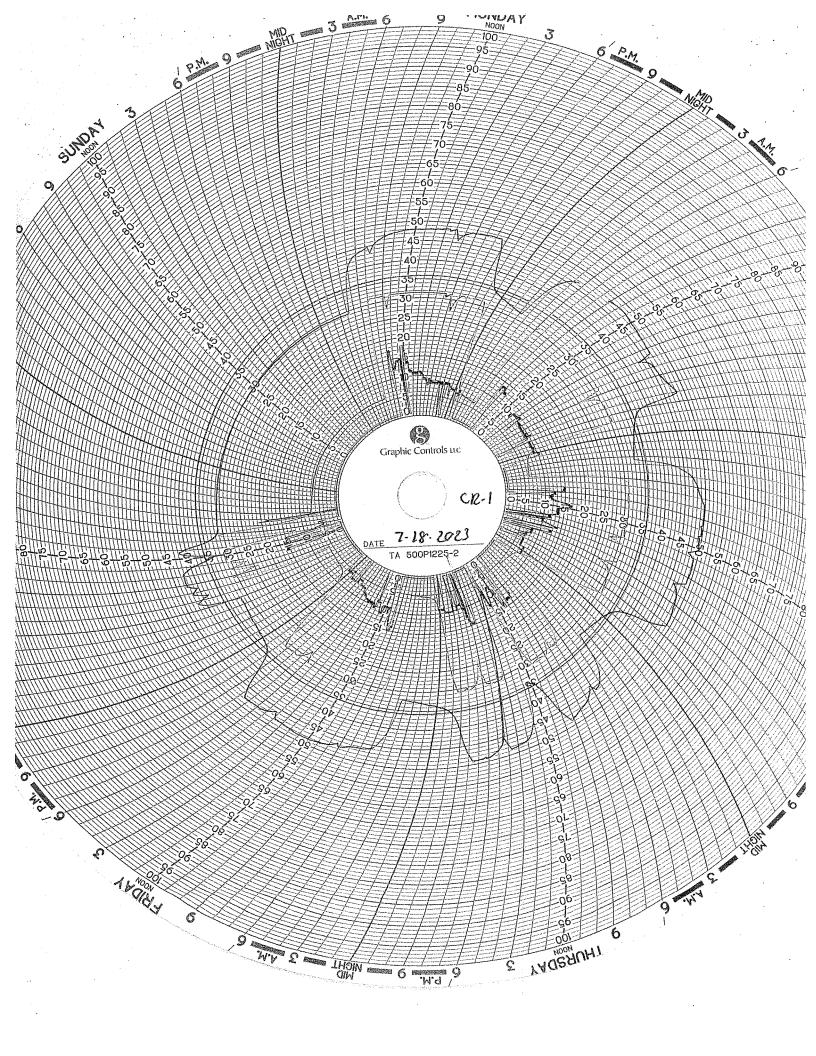
Green Pen — Well 2 Wonthly Volume (chart value x 100,000)

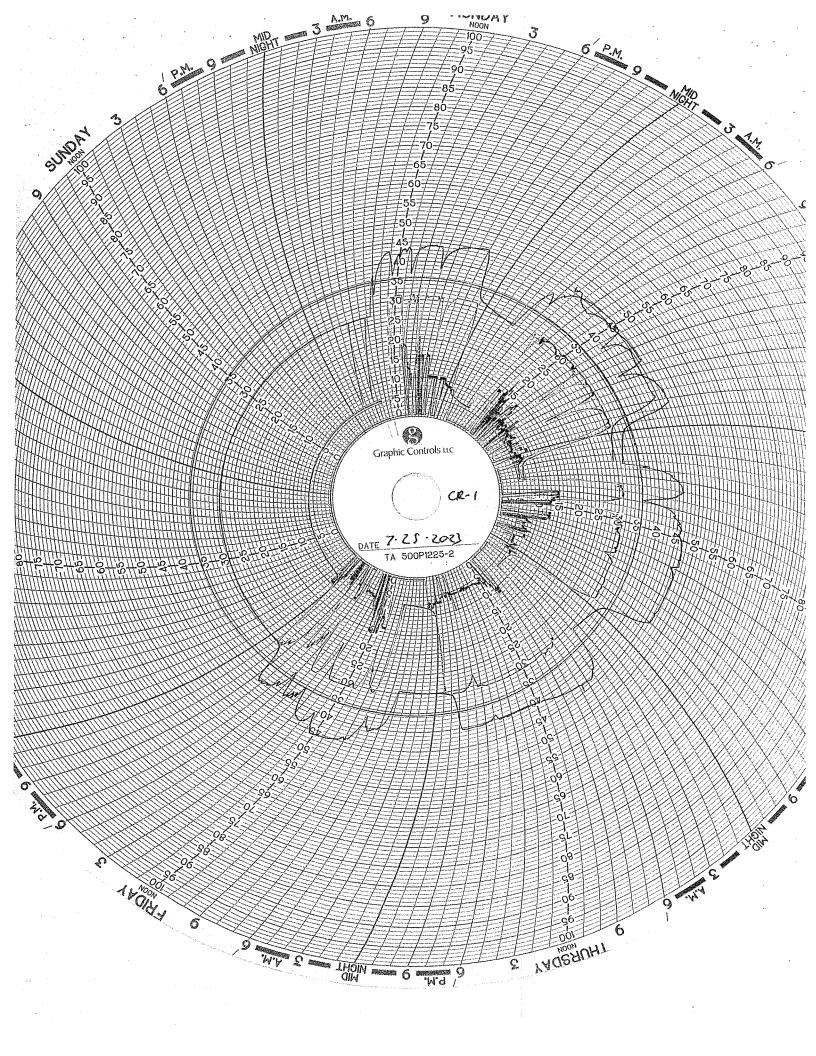
channel tm

Black Pen — Temperature (chart value x 0)









WELL 2 DATA



	(psia)	Max	652.8	651.7	645.3	638.8	725.7	15.2	15.1	696.5	640.5	630.9	664.4	696.5	681.6	962.6	656.9	49.0	12.5	883.5	1058.1	855.3	860.7	1,246.2	727.0	791.2	822.5	1234.2	5.5	746.6	692.8	677.0
	Differential Pressure (psia)	2	99	65	99	63	72	69	59	69	2	63	99	69	89	96	65	-	88	88	ě	85	88	1,2	72	79	82	12;	8	74	69	67
	Differential	Min	389.5	644.6	637.7	631.2	237.3	217.6	184.6	639.5	629.9	213.3	240.5	273.5	252.3	248.3	164.5	586.1	166.9	125.8	427.8	332.4	413.7	314.3	713.6	304.3	375.7	381.6	267.1	261.5	676.3	665 7
	e (gpm)	Max	0.0	0.0	0.0	0.0	55.3	64.7	62.1	0.0	0.0	51.8	56.7	56.6	64.9	76.7	56.6	0.0	74.0	56.0	67.2	59.5	60.6	83.5	0.0	72.6	55.5	60.2	46.5	64.7	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	00
	Hd u	Max	2.3	2.3	2.3	2.4	8.7	7.7	8.1	8.1	7.9	8.8	8.0	7.6	7.7	8.4	7.3	7.3	7.8	7.3	8.1	7.7	8.2	6.7	7.0	7.8	7.8	7.1	7.5	7.4	5.7	4.9
2023	Injection pH	Min	2.1	2.3	2.3	2.3	1.8	1.9	2.0	7.9	7.9	5.7	2.0	2.0	1.9	6.1	0.5	1.6	1.3	1.9	6.2	5.0	2.3	5.5	6.3	2.5	2.1	2.0	1.7	1.5	4.9	77
Injection Well 2, July 2023	ssure (psig)	Max	1,012.2	813.5	793.1	778.6	1,337.7	1,331.6	1,318.7	896.9	779.1	1,268.0	1,311.5	1,325.2	1,298.8	1,292.0	1,160.4	1,261.2	1,514.0	1,449.3	1,508.4	1,480.4	1,458.8	1,439.4	912.4	1,451.4	1,414.5	1,439.4	1,456.0	1,383.6	907.2	8453
Injection	Annulus Pressure (psig)	Min	812.9	792.8	7.777	765.7	762.5	811.9	812.3	778.4	754.4	750.0	792.4	822.9	831.8	497.7	741.8	711.0	706.8	994.7	988.7	987.2	965.1	912.3	876.9	870.1	955.9	945.3	915.2	884.3	845.0	819.0
	Level (inch)	Max	17.8	17.7	17.7	17.7	17.8	17.8	17.8	17.7	17.7	17.8	17.8	17.8	17.7	17.7	17.7	17.7	17.7	17.7	16.9	17.7	16.9	16.9	16.9	16.9	16.9	16.9	17.2	16.9	16.9	16.8
	Annulus Tank Level (inch)	Min	17.7	17.7	17.6	17.7	17.7	17.7	17.7	17.6	17.6	17.6	17.7	17.7	17.7	17.6	17.6	17.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.7
	ssure (psig)	Max	622.7	162.1	148.1	140.2	942.5	940.5	941.5	201.9	138.9	943.4	940.8	943.2	941.2	945.9	942.2	152.9	943.5	944.8	944.5	942.6	940.1	941.4	192.4	942.4	944.8	944.5	941.9	942.2	215.6	168.6
	Injection Pressure (psig)	Min	161.8	147.8	139.9	134.2	132.3	138.1	192.0	138.6	124.2	119.4	138.8	149.9	168.7	158.8	113.0	100.9	97.4	163.6	179.3	161.8	144.6	166.7	163.1	156.7	167.7	178.2	177.9	203.4	168.4	153.0
			7/1/2023	7/2/2023	7/3/2023	7/4/2023	7/5/2023	7/6/2023	7/7/2023	7/8/2023	7/9/2023	7/10/2023	7/11/2023	7/12/2023	7/13/2023	7/14/2023	7/15/2023	7/16/2023	7/17/2023	7/18/2023	7/19/2023	7/20/2023	7/21/2023	7/22/2023	7/23/2023	7/24/2023	7/25/2023	7/26/2023	7/27/2023	7/28/2023	7/29/2023	7/30/2023

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)

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Channel #3

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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 \times 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

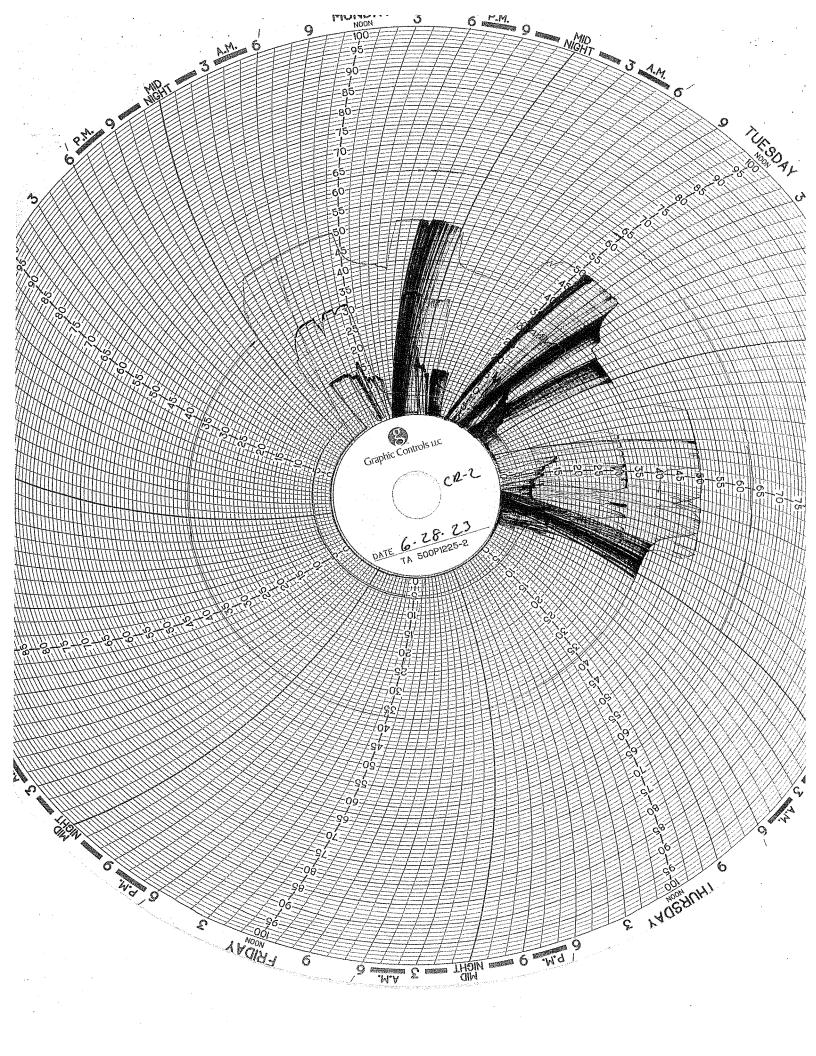
Green Pen — Well 2 Monthly Volume (chart value x 100,000)

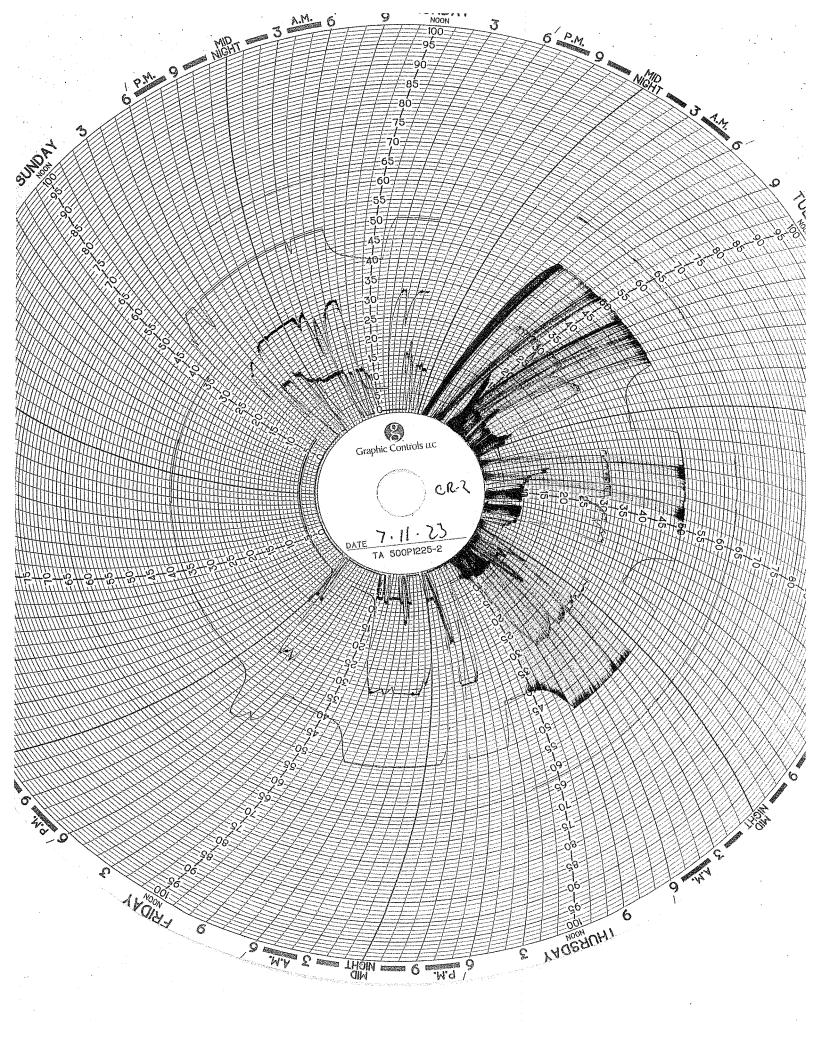
channel tm

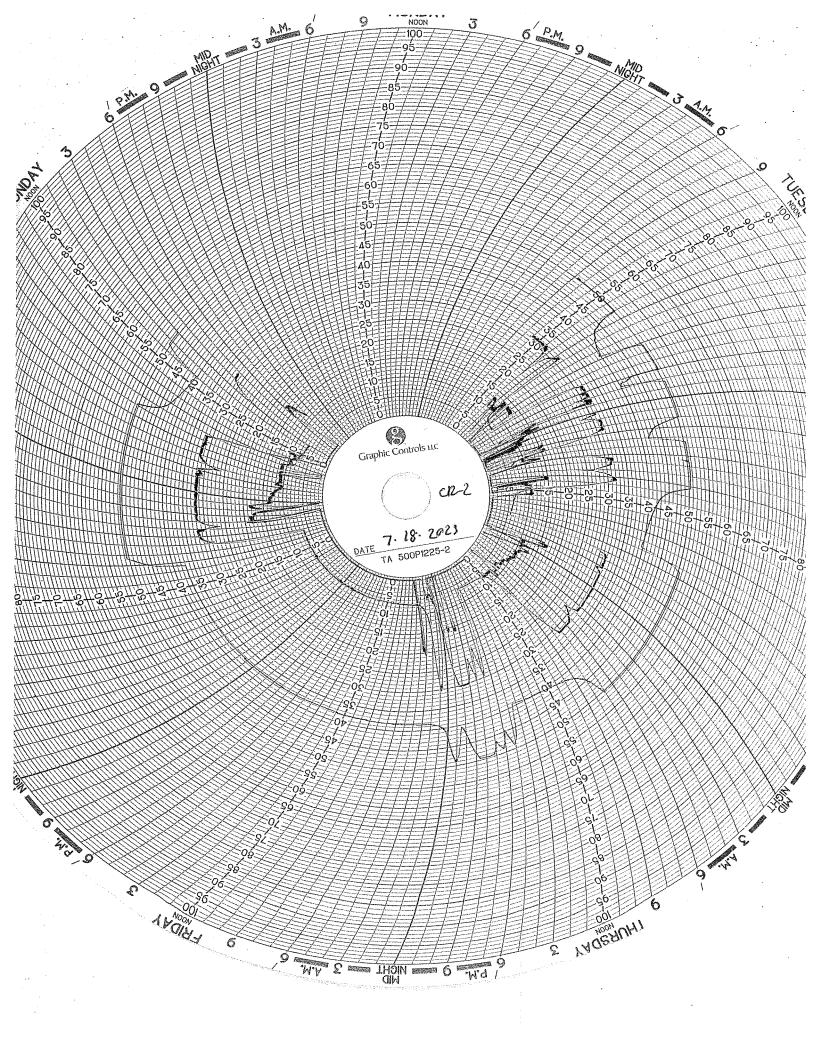
Black Pen — Temperature (chart value x 0)

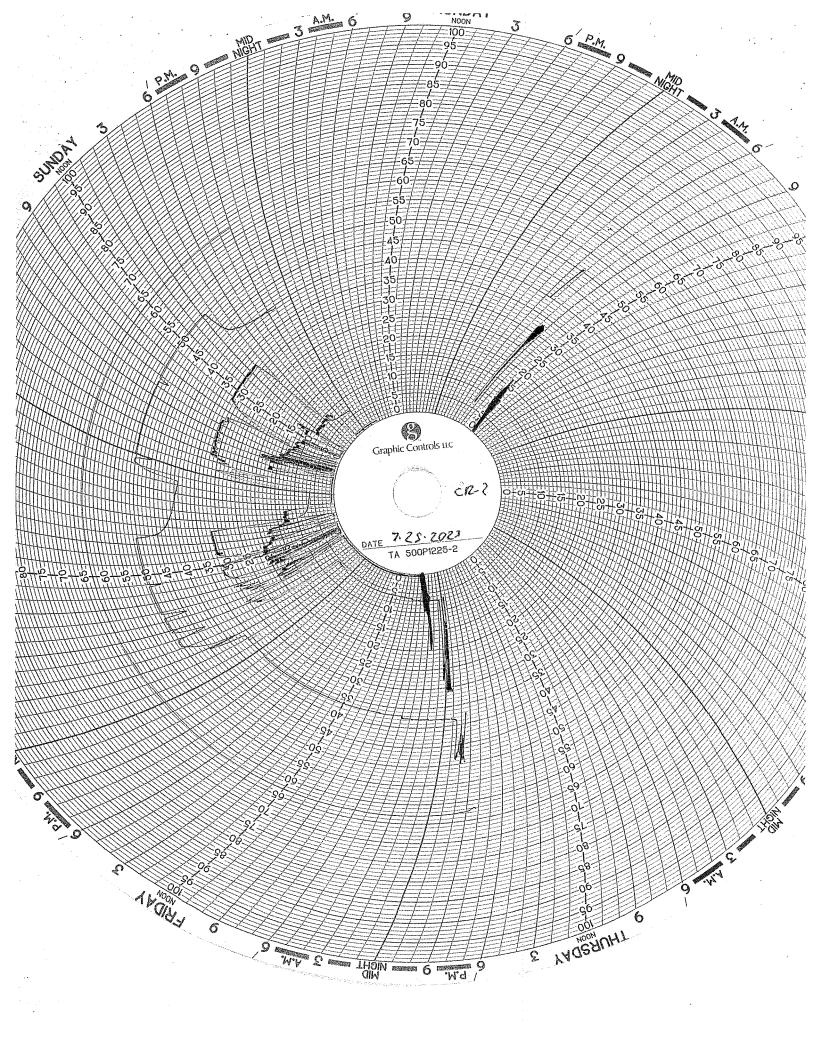
Data Description

For the month of July both CR2 and CR3 had weeks where the chart paper wasn't seated entirely and resulted in not recording the entire week. Communication on the topic and familiarization with these new chart recorders have been introduced to the operators to mitigate this issue moving forward.









Circle Chart Index

Republic Industrial Energy Solutions, LLC 28470 Citrin Drive Romulus, I/II 48174

Chart Recorder #1

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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

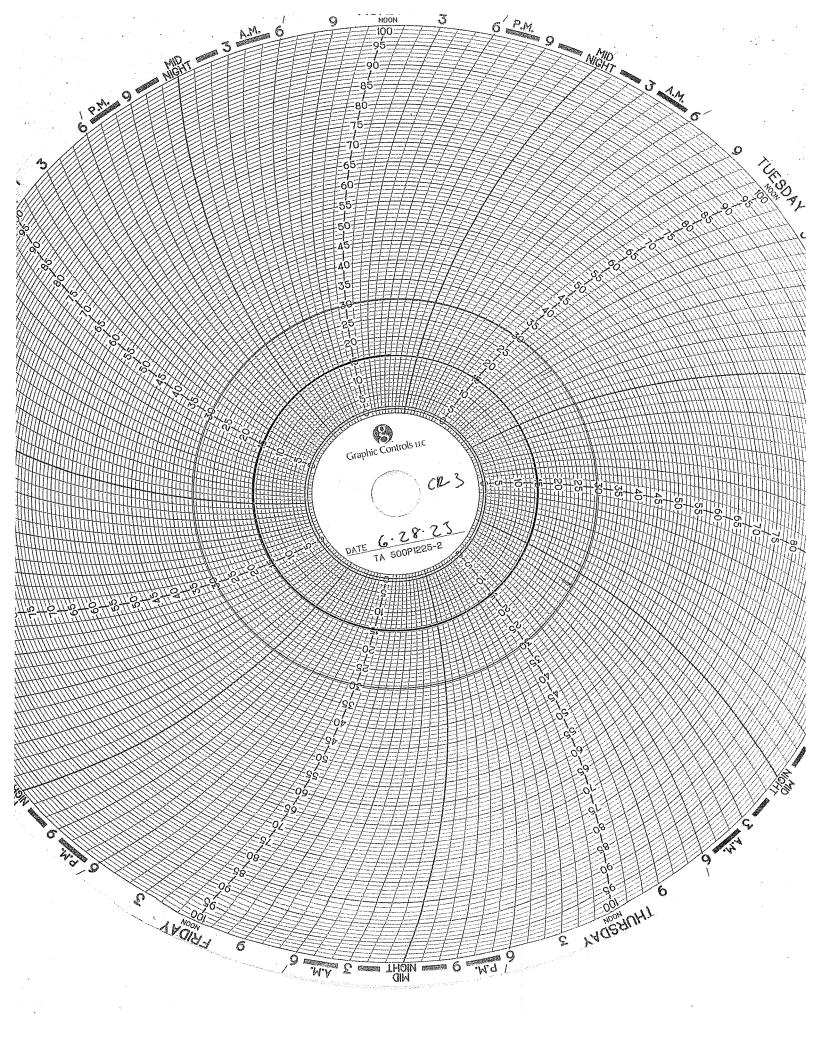
Red Pen - Well 1 Monthly Volume (chart value x 100,000)

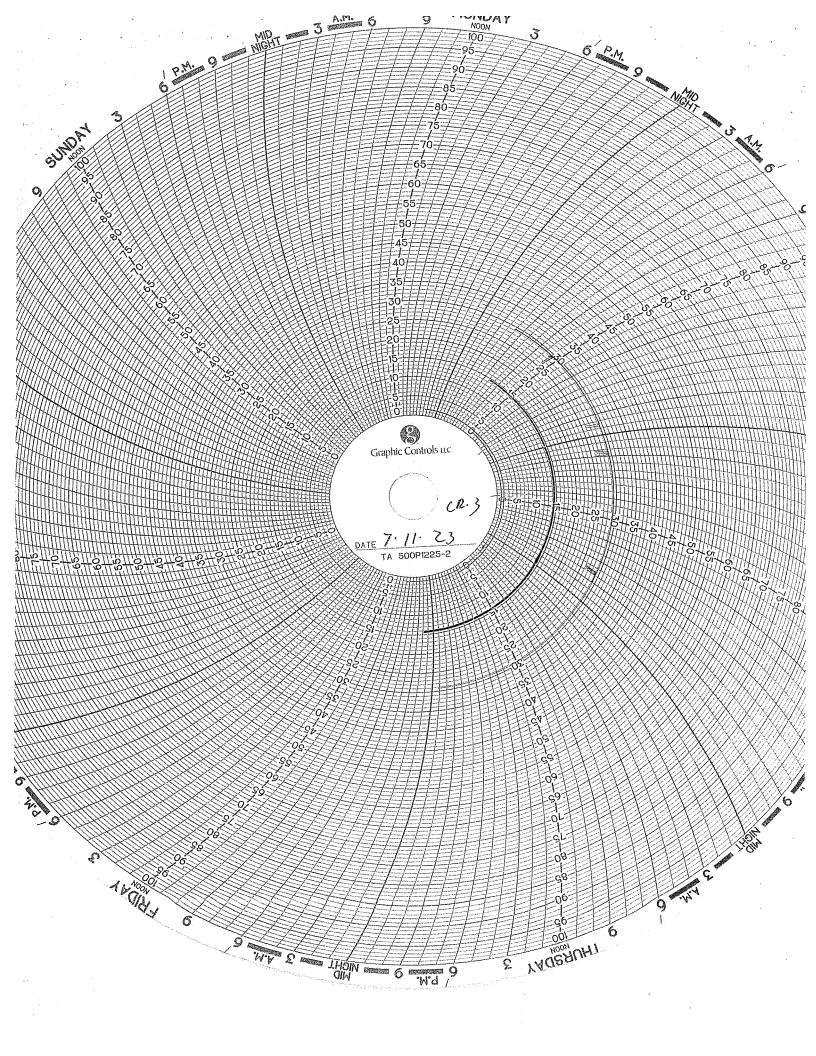
Channel #3

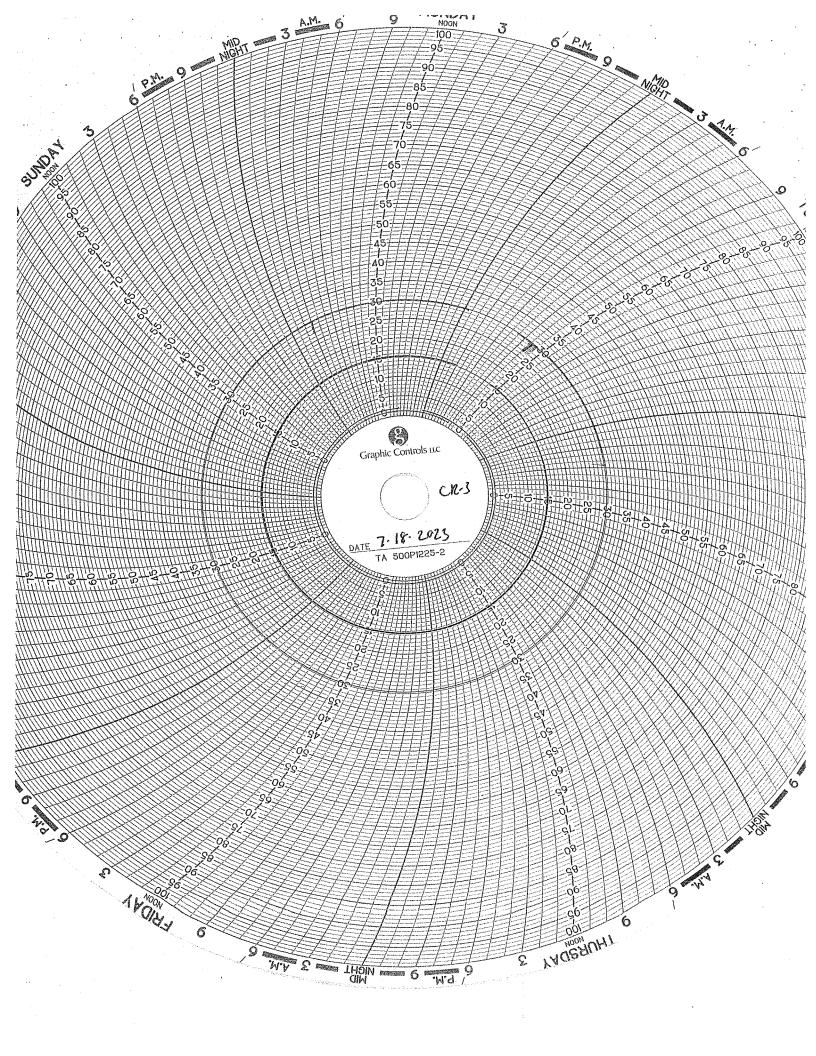
Green Pen — Well 2 Monthly Volume (chart value x 100,000)

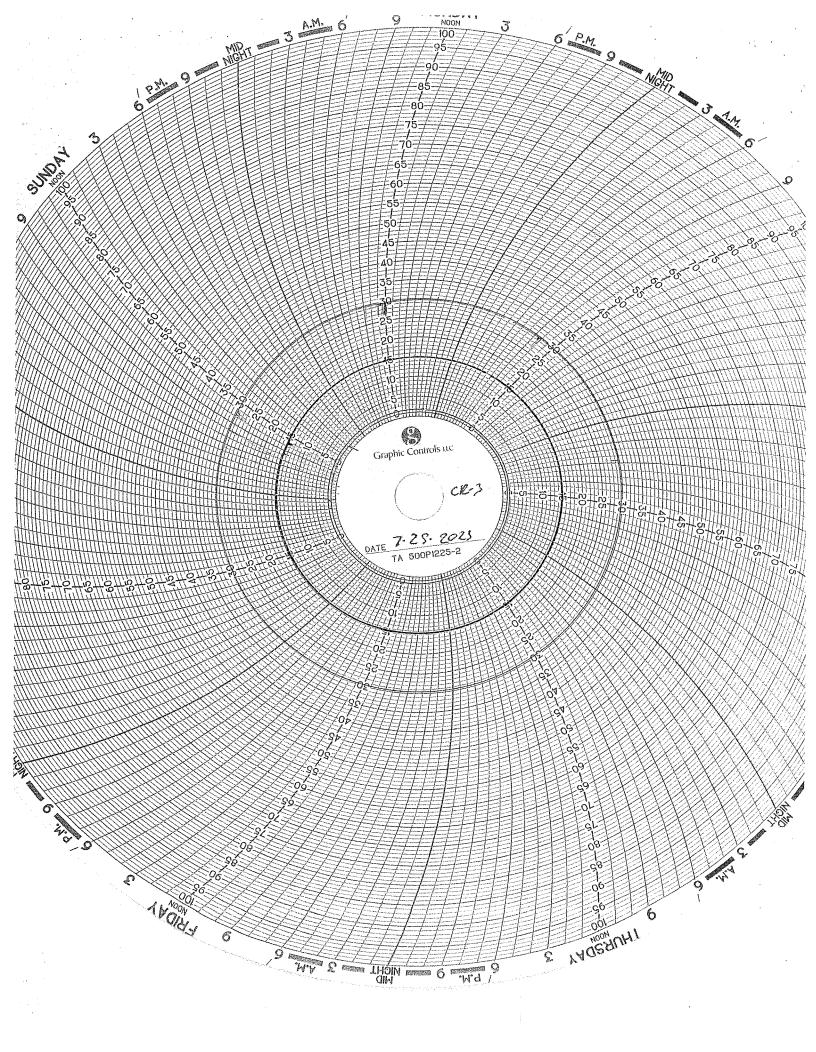
channel tm

Black Pen — Temperature (chart value x 0)









CORROSION MONITORING

COOROSION MONITORING COUPONS VISUAL DESCRIPTION

July, 2023

Fiberglass Coupon

The coupon is black in color with a semi-smooth texture on both sides. Its cut edges appear sanded. The coupon is free of cracks, pitting, swelling, blemishes, and corrosion. There is no obvious effect on this coupon since last month. The coupon has apparently been dyed black by received wastestreams.

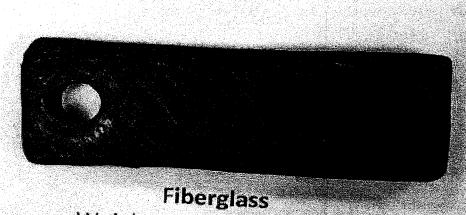
Hastelloy Coupon

This coupon is identified as C276 with Serial Number 5. The coupon is silver in color with a lightly sandblasted texture. It is clean and free of pits, cracks, and blemishes. There is no effect to this coupon.

Stainless Steel Coupon

This coupon is identified as 316L / C1563. The coupon is silver in color with a lightly sandblasted texture. It is clean and has several dozen small pits on both sides of the coupon. Near the bottom of the coupon there are approximately two areas with the dimensions of 1/8 inch x 1/16 of corrosion.

There is a slight effect to this coupon.

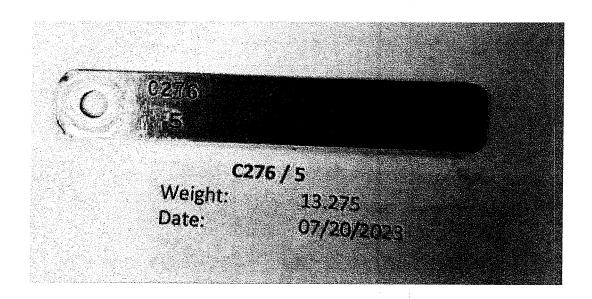


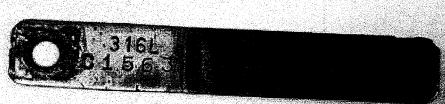
Weight:

15.607

Date:

07/20/2023





316L / C1563

Weight:

9.009

Date:

07/20/2023

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	i
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	1
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	1
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	İ
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	
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	
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	13.323 g	7.352 g	6.689 g	
6/12/2017	13.323 g	7.357 g	6.689 g	
7/5/2017	13.323 g	7.355 g	6.689 g	
8/30/2017	13.324 g	7.353 g	18.105 g	New Fiberglass coupon
9/28/2017	13.325 g	7.352 g	18.060 g	'
10/11/2017	13.324 g	7.350 g	18.038 g	
11/16/2017	13.325 g	7.363 g	18.047 g	
12/12/2017	13.326 g	7.308 g	18.307 g	

CORROSION MONITORING PLAN COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	
1/29/2018	13.326 g	10.930 g	18.027 g	New stainless steel coupon
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	10.852 g	18.032 g	
8/21/2018	13.326 g	10.854 g	18.031 g	1
9/14/2018	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	10.848 g	18.031 g	
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	
11/20/2019	13.326 g	10.842 g	18.030 g	
12/11/2019	13.326 g	10.842 g	18.030 g	
1/16/2020	13.326 g	10.840 g	18.033 g	
2/6/2020	13.326 g	10.836 g	18.034 g	1
3/3/9/20	13.326 g	10.842 g	18.034 g	Well 1 workover 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	1
11/5/2020	13.280g	9.728g	17.600g	
12/3/2020	13.281g	9.730g	17.689g	
2/10/2021	13.284g	9.728g	17.683g	1
3/9/2021	13.290g	9.733g	17.585g	
4/13/2021	13.288g	9.730g	17.649g	İ
5/18/2021	13.282g	9.691g	17.543g	
6/17/2021	13.279g	9.639g	17.546g	
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	
Date 10/11/2021	Hastelloy	Stainless Steel	Fiberglass	Į į
	13.277g	9.359g	17.465g	
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	1
2/15/2022	13.276g	9.347g	16.965g	

CORROSION MONITORING PLAN COUPON SUMMARY

3/18/2022	13.281g	9.368g	17.246g	
4/18/2022	13.275	9.339	16.656	
5/16/2022	13.298	9.328	16.600	
6/15/2022	13.276	9.300	16.219	
7/20/2022	13.303	9.324	16.393	
8/17/2022	13.277	9.195	15.841	
9/9/2022	13.276	9.171	15.757	
10/19/2022	13.274	9.157	15.623	
11/18/2022	13.274	9.145	15.801	
12/19/2022	13.278	9.132	15.588	
1/18/2023	13.276	9.131	15.761	
2/15/2023	13.274	9.130	15.728	
3/17/2023	13.280	9.138	15.779	
4/25/2023	13.275	9.130	15.726	
5/23/2023	13.276	9.131	15.700	
6/19/2023	13.275	9.088	15.647	
7/20/2023	13.275	9.009	15.607	



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 Drummond, 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

tc

Approved By:

Scott W. Yates

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 Profect Technician

Rev 041916

Approved By

Jim Diummond

Physical Testing, Manager

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 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 PO#

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



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

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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 By

Melissa Martin

Sr Project Technician

Approved By

Scott Yates

Plastics Testing, Assistant Manager

SC

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

Hardness

Specimen 1

90

Specimen is being returned with this report for further evaluation.

HESQUIERE PHASTIC TESTING, INC.

M. W. Ghesquiere

President

MWG/kni

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TOTAL 1 PAGES

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 Wardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card),

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

Hardness

Specimen 1 ... 90

REPORT OF THE PROPERTY OF THE STREET STREET OF THE STREET Specimen was returned to the client on February 17, ALLEY BEITTER

不知道 (1) (1) (ACENTAGE (1) (1) (1) (1) (1)

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CONTRACTOR CONTRACTOR SERVICES AND

W. Chesquiere President

MWG/dm

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TOTAL 1 PAGES

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

Specimen was returned to the client June 16, 2014.

GHESQUIERE PLASTIC/TESTING, INC.

W. Ghesquiere

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

Sr. Project Technician

Approved-By:

Jim Drummond

Physical & Plastics Testing, Manager

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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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

Sť

Melisse Martin Sr. Project Technician Approved By:

Scott W. Yates

Plastics Testing Assistant Manager

BARCOL HARDNESS REPORT

Customer:	Republic	: Industrial	and Energy	Solutions, L	LC
Component To	ested:	Test Coupo	n	:	
PO Number:	957555	3	Jot	Number:	3415
Calibration:	Disc:	43 - 48	Actua	l Reading:	45
Barcol Rea	adings	1	2	3	Average
S	Side One:	62	63	58	61
S	ide Two:	58	60	57	58
	•		Overal	Average:	60
	3		100		
Tested By:	100	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(signatur	e)	

Gary Nicholson

(print or type name)

Date: 01/12/2021

BARCOL HARDNESS REPORT

Customer:	Republic	c Industrial	and Energy	Solutions, L	LC
Component Tested: Test Coupon					
PO Number:	1015979	92	Jok	Number:	3556
Calibration:	Disc:	43 - 48	Actua	l Reading:	45
D					
Barcol Rea	aings	1	2	3	Average
S	ide One:	56	60	60	59
Si	ide Two:	60	62	62	61
	,		Overal	Average:	60
	÷				
Tested By:	Jumine		, 00		

Gary Nicholson (print or type name)

(signature)

Date: 10/11/2021

BARCOL HARDNESS REPORT

Customer:	Republi	c Industrial	and Energy	Solutions	
Component Te	Component Tested: Fiberglass Coupon				
PO Number:	Credit C	ard	Jol	Number:	3734
Calibration:	Disc:	43 - 48	Actua	l Reading:	45
Barcol Rea	dings	1	2	3	Average
S	ide One:	55	50	58	54
Si	ide Two:	53	56	59	56
			Overal	Average:	55

(signature)

Tested By:

Gary Nicholson

(print or type name)

Date: 08/23/2022



INJECTION FINGERPRINTS

	235.00	
RECEIVING INFO	RMATION -	
Date	07 /31	_ / 23
Receiving ID#		1230叶
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	155.6	\mathcal{O}
Time out		
Received by	TMG	4
Sampled by	1 JM	M

: LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >140	
pH (S.U.)	7.96	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description	EIND'I	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	80.)_
Conductivity	4.03	MS
% Solids	1.00	y ,
Turbidity	Yes	No
Color	Black	
TSS (%)	(0.1	
Radiation Screen (as needed)	$\Lambda \Lambda \Lambda$	
Lab Signature/Initials	L. KU	
		3.

ARECEMINGINEO	RMATION:	
Date	07 / 31	/ 23
Receiving ID#	T0731	2303
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	19:30	l.
Time out		
Received by	TWI	Y
Sampled by	JN	141

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		/
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7.140	
pH (S.U.)	7.93)
Cyanides? (mg/L)	*	
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	liavid	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77	:7 F
Conductivity	73	5 MS
% Solids	7.6.0	V s
Turbidity	Yes	No
Color	REDIMA	
TSS (%)	⊈ ຽ ຄ∶	1
Radiation Screen (as needed)		
Lab Signature/Initials	TOWNER	MOIN

RECEIVINGINFO	RMATION
Date	07 / 3/ /23
Receiving ID#	107312302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:34
Time out	11.00
Received by	JAK
Sampled by	[May Barnel

LAB INFORM	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	114	0
pH (S.U.)	1.04	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	L)
Physical Description		/
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.8	
Conductivity	86.0	2 m 5
% Solids	0.93	ja P
Turbidity	Yes	No
Color		
TSS (%)	(0.	1
Radiation Screen (as needed)	1 (\
Lab Signature/Initials	LINI	
	71.	

RECEIVING INFO		
Date	07 / 3/	/ 23
Receiving ID#	I073123	01
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	10:40	
Time out		
Received by	14.101	garan-
Sampled by	(Carey 1	Parket
	\smile $_{I}$	

LAB INFORM	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	· · · · · · · · · · · · · · · · · · ·	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	<i>\delta</i>
pH (S.U.)	1.74	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.0	
Conductivity	0.302	~~ \
% Solids	1.57	
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)		
Lab Signature/Initials	LANG	1)
	7	~\d\\

	and the second
RECEIVINGUNEC	DRMATION
Date	07 / 20 /23
Receiving ID#	707 AB A303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	117:30
Time out	
Received by	LANK
Sampled by	I MAY

LAB INFORMA	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)		
pH (S.U.)	3.36	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	ig I
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.6	> .
Conductivity	6.13	2
% Solids	0.28	
Turbidity	Yes	No
Color		
TSS (%)	0.1	
Radiation Screen (as needed)	1 1 1 1 1	
Lab Signature/Initials	LAKI	Yam.
		#

RECEIVING INFO	RMATION
Date	07 /28 / 23
Receiving ID#	10728230
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J-1, MA
Sampled by	

LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)		····
pH (S.U.)	6.2	9
Cyanides? (mg/L)		<i></i>
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	79.1	
Conductivity	46.5	ras
% Solids	0.18	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)	1	Δ
Lab Signature/Initials	LLVM	1
		· _

Establish the second se	
RECEIVING INFO	ORMATION
Date	07 / 28 / 23
Receiving ID#	I6728230
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	7:30
Time out	
Received by	- Dela
Sampled by	UTG
	•

	<u> </u>	
LAB-INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)		
pH (S.U.)	2.07	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.9	
Conductivity	6.75	
% Solids	(40.)	
Turbidity	Yes	No
Color		
TSS (%)	(0,1	
Radiation Screen (as needed)	12 1	
Lab Signature/Initials	LM	
	7 / / " "	

RECEIVING INFO	RMATION	
Date	07/2	7/23
Receiving ID#	1072	72504
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	75:00	7
Time out		
Received by	JM.	۱4
Sampled by	L JM	H

LAB-INFORM/	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 714	0
pH (S.U.)	1.9	\mathcal{O}
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	æ-
Physical Description	Bin Dil	
Stream Consistency	Yes `	No
Oil in Sample?	Yes	No
Temperature (F)	70	P. (
Conductivity	7.4	5 MS
% Solids	0.1	3 %
Turbidity	Yes	No
Color	Llear	
TSS (%)	<0.1	25
Radiation Screen (as needed)		
Lab Signature/Initials	TM	H

The state of the s	2 5 7 4 5 7 5 7 5	
RECEIVING INFO	RMATION:	
Date	07 / 2	/ / 23
Receiving ID#	10727	2303
Manifest # Line		**
Land Ban Cert included	Yes	No
EGT Approval #	1	
Generator		
Client		
Transporter		
Time in	16:30	3
Time out		
Received by	JAM	
Sampled by	JUST	<u> </u>

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7145	2)
pH (S.U.)	1 1 1	.0
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description	SIMPIL)
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70) a L
Conductivity	45.	داد
% Solids	Oaks ?	1.
Turbidity	Yes	No
Color	1991	
TSS (%)	1.02	
Radiation Screen (as needed)		
Lab Signature/Initials	Saphyea	TENN

RECEIVING INFO	PRMATION
Date	07 / 况 / 23
Receiving ID#	20727330A
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:46
Time out	
Received by	
Sampled by	Carey Parkou

		serios de rigilias.
LAB INFORMA	ATION :	4040-75
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	211	10
pH (S.U.)	5.4	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	>
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68.	7
Conductivity	2.9	lons
% Solids	(0	\
Turbidity	Yes	No.
Color		
TSS (%)	(0.1	
Radiation Screen (as needed)		À
Lab Signature/Initials		X.
	1 1 1	9

	aleria de Servicio	
RECEIVING INFO	RMATION -	7.14.74.21.7 1.71.7
Date	07/27	/ 23
Receiving ID#	1072	72301
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	6:17	y
Time out		0
Received by	A. K	
Sampled by	(JJ-K	

LAB: INFORM	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	Í
pH (S.U.)	6.17	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.7	
Conductivity	34.3	an 5
% Solids	0.90)
Turbidity	Yes	No
Color		
TSS (%)	40.1	
Radiation Screen (as:needed)	1	9
Lab Signature/Initials	1111	Am
		A SAN

	a salas a sa	
RECEIVING INFO	RMATION:	
Date	07 / 26	/ 23
Receiving ID#	To7Z67	203
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	19:00	
Time out		
Received by	1 2M3	
Sampled by	Dalle	2 H.

	1 		
LAB: INFORM/	ATION:		
Compatible? (RT#)			
PCBs (ppm) (Oily Waste			1
Only)?			1
TOC ppm (CC Waste Only)?			
Flash Point (F)	1714	0	
pH (S.U.)	1.53		
Cyanides? (mg/L)			
Sulfides? (ppm)?			
Specific Gravity	1.0.	2	
Physical Description	indi	9	
Stream Consistency	Yes	No	
Oil in Sample?	Yes	No	
Temperature (F)	7	b. 4	
Conductivity	42.9	MS	
% Solids	1,164	4	
Turbidity	Yes	No	
Color 3,7)	1	E-1200	3.5
TSS (%)	1 < 0 · 4		Ì
Radiation Screen (as needed)	11 1		
Lab Signature/Initials	IKI		
	71700	Mor	
TSS (%) Radiation Screen (as needed)	10.1		

Receiving & Departure Approval Form

RECEIVING INFO	ORMATION
Date	07 / 26 / 23
Receiving ID#	IO7262302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	1 1 1
Received by	A.Mh
Sampled by	A Wartix

		o and a constitution
LAB INFORM	ATION -	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		and the second
Flash Point (F)	3/40 5.97	
pH (S.U.)	5.92	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	79	8
Conductivity	49.7	m5
% Solids	1.54	
Turbidity	Yes	No
Color		
TSS (%)	(01	
Radiation Screen (as needed)	0.0	
Lab Signature/Initials	LAXX	·····

RECEWINGINE	ORMATION
Date	07 / 26 / 23
Receiving ID#	707262304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:00
Time out	<u> </u>
Received by	J. Dh
Sampled by	Healin

LAB-INFORM	ATION:	
Compatible? (RT#)		Kirk State Response
PCBs (ppm) (Oily Waste Only)?		(m. 44. 44. 44. 44. 44. 44. 44. 44. 44. 4
TOC ppm (CC Waste Only)?		
Flash Point (F)	>13	10
pH (S.U.)	40	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.05	-)
Physical Description	•	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.	9
Conductivity	フリー	ms
% Solids	5.5	<i>></i>
Turbidity	Yes	No
Color		
TSS (%)	10,	1
Radiation Screen (as needed)	1 4 4	<u> </u>
Lab Signature/Initials		<u>y</u>
į	1 100	1 soc.

RECEIVINGUNFO	DRMATION:	
Date	07 /25	7 / 23
Receiving ID#	10725	2505
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	D.C.	N
Time out	<u> </u>	
Received by	Moy	
Sampled by	KMC	

LAB INFORM	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	L
pH (S.U.)	640	
Cyanides? (mg/L)	< 30	
Sulfides? (ppm)?	<7_5	<i>S</i> >
Specific Gravity	400,1	
Physical Description	1 Gang	1
Stream Consistency	Yes	No
Oil in Sample?	Yes	(No)
Temperature (F)	1.10	
Conductivity	49.7 N	1/5
% Solids	1.8	7 .1.
Turbidity	Yes	No
Color	Racksy	BASHAN
TSS (%)	C0.1	
Radiation Screen (as needed)	I A	Λ
Lab Signature/Initials	LA.K	
	111	10

RECEIVING INFO	RMATION	
Date	07 / 2	7/23
Receiving ID#	I 0775	2304
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	/9:08) ₎
Time out		2.
Received by	2W.	1
Sampled by	Dall	20 Ma

	~~	
LAB-INFORMA	VTION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	1
pH (S.U.)	7,	11
Cyanides? (mg/L)	< 30)
Sulfides? (ppm)?	くえ	CC
Specific Gravity	1,00	4
Physical Description	1300	60
Stream Consistency	Yes	No
Oil in Sample?	Yes	(No)
Temperature (F)	77,	6
Conductivity	430	3005
% Solids	7.1.20	
Turbidity	Yes	No
Color	Black	
TSS (%)	1.00	-
Radiation Screen (as needed)	1 1	<u> </u>
Lab Signature/Initials	4 1	/
	/ / / /	W .

Receiving & Departure Approval Form

FR	recentitio or a r
RECEIVINGINFO	DRMATION : : : :
Date	07 / 25 / 23
Receiving ID#	707252303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:5)
Time out	1 1 1
Received by	1-X-h-
Sampled by	1/A World

100 00 TO 100 00 TO 100 TO		November 1998
LAB INFORM	ATION :	
Compatible? (RT#)	1	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >1	70 <u> </u>
pH (S.U.)	3.5	lo
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7.5	.91
Conductivity	45.9	m S
% Solids	1.7	5
Turbidity	Yes	No
Color		
TSS (%)	40	- 1
Radiation Screen (as needed)	4 8	
Lab Signature/Initials	LAK	

	20.00
RECEIVING IN	FORMATION
Date	07 / 🤰 / 23
Receiving ID#	J0725230A
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	09:30
Time out	
Received by	LML
Sampled by	M'ende

LAB: INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	w
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	8
pH (S.U.)] 3.2	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67.8	}
Conductivity	13.6	2-25
% Solids	0,5°	7
Turbidity	Yes	No
Color		
TSS (%)	\ \(\int \(D \).	. \
Radiation Screen (as needed)	4	N
Lab Signature/Initials	M. L	
		1. A.

RECEIVING INF	ORMATION:	
Date -	07 / 25	/ 23
Receiving ID#	Torasa	301
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	06:30	
Time out	ж. (<i>n</i>
Received by	1.10	X.
Sampled by	Wence	Para.

		Consider to a substitute William Pro-
LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	the state of the s	
Only)?		
TOC ppm (CC Waste Only)?		.,
Flash Point (F)	>146	5
pH (S.U.)	2.41)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78.	8
Conductivity	310.0	ons.
% Solids	6.7	3
Turbidity	Yes	No
Color		
TS\$ (%)	4.0	
Radiation Screen (as needed)	_ 2A	12
Lab Signature/Initials		
		$\mathbb{N}M$

	Sept. San	
RECEIVING INFO	RMATION:	
Date	07 / 🕽	\$4/23
Receiving ID#	120724	12305
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	20%	JO
Time out		
Received by	MAS	μ
Sampled by	MA	

TAC INFORM	TIME	
Compatible? (RT#)	NATION .	
PCBs (ppm) (Oily Waste	<u> </u>	in the second se
Only)?		
TOC ppm (CC Waste Only)?	1	
Flash Point (F)	714	0
pH (S.U.)	18.19	
Cyanides? (mg/L)	15,70)
Sulfides? (ppm)?	< 50	Oi.
Specific Gravity	1.04	
Physical Description	Danie	·
Stream Consistency	Yes	No
Oil in Sample?	Yes	(NG
Temperature (F)	80.	0
Conductivity	Th 2	
% Solids	D.C.	- 1,47 Y
Turbidity	Yes	No
Color	BCOV	\sqrt{N}
TSS (%)	100>	0
Radiation Screen (as needed)		/ /
Lab Signature/Initials		ha
4	/ / \ / /	g "

	Careful Andrews
RECEIVING INF	ORMATION:
Date	07 / 24 / 23
Receiving ID#	107242304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1557
Time out	1 00 1
Received by	H.XXL
Sampled by	
1	

LAB INFORM	ATION	
Compatible? (RT#)	1	
PCBs (ppm) (Oily Waste		- 11 - 11 - 11 - 11 - 11 - 11 - 11 - 1
Only)?		
TOC ppm (CC Waste Only)?		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Flash Point (F)	1 > 140)
pH (S.U.)	5.70	<u> </u>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	80	.5 5m5
Conductivity	35.	5~5
% Solids	1.33	
Turbidity	Yes	No
Color		
TSS (%)	101	
Radiation Screen (as needed)	1 3	1
Lab Signature/Initials	1 1	<u> </u>
	D'N	100

	, (WE - 27 1 3 1 1 C) (C) ()
State of the state of	
RECEIVING INF	
Date	07 / 21 / 23
Receiving ID#	107242303
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12132
Time out	
Received by	High
Sampled by	1 pan-

LAB INFORM	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		110.00
Flash Point (F)	1 214/)
pH (S.U.)	5.5	4
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1-04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	772	,
Conductivity	398	ک میں
% Solids	1.41	0
Turbidity	Yes	No
Color		
TSS (%)	40-1	
Radiation Screen (as needed)	1 1 1 1	\
Lab Signature/Initials	I W II)
		Som

	Tugare Agentina
RECEIVING INFO	ORMATION
Date	07 / 2/1/23
Receiving ID#	207 24 2307
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:09
Time out	
Received by	M. AL
Sampled by	(A. WAGE

LAB INFORM	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	40
pH (S.U.)	5.3	フ
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	>
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	ファ	b
Conductivity	44.	3 m5
% Solids	1-4	8
Turbidity	Yes	No
Color		
TSS (%)	L LD	ا يا
Radiation Screen (as needed)	1	
Lab Signature/Initials	111	1/1

RECEIVING INFO	ORMATION
Date	07 / 24 / 23
Receiving ID#	I07242301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:13
Time out	1 11 1
Received by	LA.XLW
Sampled by	A. Warting

Language and the control of the cont		
LAB INFORM	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 51.	40
pH (S.U.)	64	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.4	
Conductivity	34.9	
% Solids	1.44	
Turbidity	Yes	No
Color		
TSS (%)	LO-	l a
Radiation Screen (as needed)	_ A _ A	
Lab Signature/Initials	1	11/
	71.1	3, 1,

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RECEIVING INFO	RMATION	,
Date	07 / 7	/ 23
Receiving ID#	10721	1304
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	17:00	2
Time out		
Received by	TWA	
Sampled by	TMO	<i>[</i>

LAB INFORMA	WION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	\
pH (S.U.)	6.75	
Cyanides? (mg/L)		< 30
Sulfides? (ppm)?	724	3 CUE
Specific Gravity	1,04	
Physical Description	GINDS	
Stream Consistency	Yes	No
Oil in Sample?	Yes	, No
Temperature (F)	78.1	7
Conductivity	it al	MS
% Solids	7.1.43	
Turbidity	Yes	No
Color	D'OM.	1
TSS (%)	<0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	TMIL	

RECEIVINGINE	ORMATION
Date	07 / 2 / / 23
Receiving ID#	I072(2303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:00
Time out	
Received by	L-NW.
Sampled by	Messeles
	V

LAB INFORM	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	40
pH (S.U.)	6.6	
Cyanides? (mg/L)		*
Sulfides? (ppm)?		
Specific Gravity	1.0	5
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76	2.5
Conductivity	53.8ms	
% Solids	2.85	
Turbidity	Yes	No
Color		
TSS (%)	(O.L.	
Radiation Screen (as needed)	1, , , , , , ,	
Lab Signature/Initials	I WW	

		O (X 7 t) 1
	Light of the second	
RECEIVINGINE	ORMATION :	
Date	07 /) i	/ 23
Receiving ID#	1072123	02
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	10:30	
Time out		
Received by	LAN	· Gara
Sampled by	My Coul	

	<u> </u>	·
LAB-INFORM.	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	10
pH (S.U.)	5.7	ل
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77.6	0
Conductivity	47.8	Tas S
% Solids	1.29	• –
Turbidity	Yes	No
Color		
TSS (%)	10-1	
Radiation Screen (as needed)	§ 5:	
Lab Signature/Initials	L. W.	
	7119	111-

	96	
RECEIVINGINF		
Date	07 / 2]	/ 23
Receiving ID#	7072123	04
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	07:30	
Time out	H _	u la
Received by	LINK	Dar
Sampled by	Meser	Car

: LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		7/11/11/11/11
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	40
pH (S.U.)	5.18	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.05	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	110	
Temperature (F) Conductivity	63.4	PARS
The state of the s	63.4	Pans
Conductivity	63.1 1.9 Yes	Pan S No
Conductivity % Solids	1.91	
Conductivity % Solids Turbidity Color TSS (%)	1.91	
Conductivity % Solids Turbidity Color	1.91	
Conductivity % Solids Turbidity Color TSS (%)	1.91	

RECEIVING INFO	RMATION -	
Date	T 07 / 25	3 / 23
Receiving ID#	Tron	OZBRY
Manifest# Line		1
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		· · · · · · · · · · · · · · · · · · ·
Time in	75.0	0
Time out		
Received by	1 JM of	\
Sampled by	TMY	

	·	
LAB: INFORMA	JION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	L 7 4	
pH (S.U.)	6.52	
Cyanides? (mg/L)	ン フ2	<i>-</i> 0
Sulfides? (ppm)?	7500	
Specific Gravity	1.00	
Physical Description	17dm3	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	30	
Conductivity	55.5	MS
% Solids	271	1
Turbidity	Yes	No
Color	BOOM	J 850
TSS (%)	C0	,
Radiation Screen (as needed)	AA	Λ
Lab Signature/Initials	JIN	1/4_
		a no

Receiving & Departure Approval Form

RECEIVING INFO	RMATION	
Date	07 / <u></u> 0	/ 23
Receiving ID#	10720	527653
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in .	1650	
Time out		
Received by	SWY	
Sampled by	TWON	

LAB INFORMA	VIION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?	1 3 111 3	
Flash Point (F)	7140	ŀ
pH (S.U.)	7.20	λ
Cyanides? (mg/L)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>
Sulfides? (ppm)?		20D
Specific Gravity	1,94	
Physical Description	' own!	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	79.8	•
Conductivity	the second secon	<u> </u>
% Solids	1.80	y
Turbidity	Yes ⁰	No
Color	Brown	·
TSS (%)	'C8:1	
Radiation Screen (as needed)		
Lab Signature/Initials		

RECEIVINGUNEC	RMATION	
Date	07 / 25	/ 23
Receiving ID#	F077	92302
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	9:55))
Time out	1	
Received by	LAW	_
Sampled by	() SAL)	Janel

LAB INFORMA	TION.	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	5.99	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77.3	
Conductivity	57.5	ا کستا
% Solids	3.08	
Turbidity	Yes	No
Color		
TSS (%)	<021	
Radiation Screen (as needed)	1	
Lab Signature/Initials	all the	

DE OF WILLIAM	err	
#RECEIVING INFO	<u>9RMATION : </u>	
Receiving ID#	£07202301	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	L Giso	
Time out	1 A %	
Received by	LMA	
Sampled by	Chrey D. Parkst	

LAB INFORM	ATION .	
Compatible? (RT#)	T	
PCBs (ppm) (Oily Waste		······································
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	314	Ø
pH (S.U.)	5.97	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.05	,
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78.7	
Conductivity	57.1	m S
% Solids ゴヤ)	24	2-16
Turbidity	Yes	No
Color		
TSS (%)	(0.1	
Radiation Screen (as needed)	A	
Lab Signature/Initials	11 6	1

Receiving & Departure Approval Form

PERMANENTAL SECTION	zaje somen de e
DRMATION) ()
07 / 2	D / 23
1072	20231
Yes	No
(9:5)
T.A.	}_/_
	3.7E
	07 /2 1072

		Janes Company
LAB-INEORM	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	ļ	
TOC ppm (CC Waste Only)?		
Flash Point (F)	71	40
pH (S.U.)	6.3	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	b
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.	3
Conductivity	62	- I ms
% Solids	1.92	
Turbidity	Yes	No
Color		
TSS (%)	(a)	
Radiation Screen (as needed)	1	
Lab Signature/Initials	JA-KJ-K	<u> </u>

RECEIVING INFO	RMATION
Date	07 / /9/23
Receiving ID#	207/97308
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:30
Time out	
Received by	MU
Sampled by	Dr. Han M

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		Table 10
Flash Point (F)	740	
pH (S.U.)	6.70	
Cyanides? (mg/L)	(3)	<u> </u>
Sulfides? (ppm)?	·	20
Specific Gravity	MON	
Physical Description	1 igwi	<i>.</i>
Stream Consistency	(Yes)	No
Oil in Sample?	Yes	(No)
Temperature (F)	75:	8
Conductivity	51.1	
% Solids	2.87	
Turbidity	Yes	No
Color	BEDW	
TSS (%)	≤ 0	
Radiation Screen (as needed)		· · · · · · · · · · · · · · · · · · ·
Lab Signature/Initials	JW2-	(

RECEIVING INF	ORMATION
Date	07 / 7 / 23
Receiving ID#	107142304
Manifest # Line	•
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:47
Time out	
Received by	H. All
Sampled by	1 De Bath
The state of the s	

		STERRITOR
LAB-INFORM/	ALION*	**************************************
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	<u>) </u>
pH (S.U.)	721	
Cyanides? (mg/L)		
Sulfides? (ppm)?		L
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	79.	Ì
Conductivity	44,2	- 25
% Solids	1.38	
Turbidity	Yes	No
Color		. issi san quas any
TSS (%)	(0)	
Radiation Screen (as needed)	1 1 1	Δ
Lab Signature/Initials	11.2	1/4
		1/

RECEIVING INFO	ORMATION
Date	07 / 14 / 23
Receiving ID#	107/42303
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:30
Time out	Λ Λ
Received by	L1. 10 1/2
Sampled by	2kella
	\ /

*		
LAB INFORM	ATION:	
Compatible? (RT#)	-	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)) >1	4 <u>0</u>
pH (S.U.)	6.1	00
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	g.
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	ファ.	7
Conductivity	70.	Ins
% Solids	3.2	<u>_l</u>
Turbidity	Yes	No
Color		
TSS (%)	40,	10
Radiation Screen (as needed)	, , ,	
Lab Signature/Initials	I V	J-Ka
	//	

	en market and	Car Systematical State of Contract	Course and the second
RECEIVING I	VFOF	MATION	
Date		07 /	Q /23
Receiving ID#		10719	1302
Manifest# Line)	The Contraction	
Land Ban Cert included		Yes	No
EGT Approval #			
Generator			
Client			
Transporter			
Time in			A
Time out	*	1 A	
Received by		L.KV	Mr
Sampled by		150	Jan -
	1 /		

LAB-INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	-	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>4	10
pH (S.U.)	6.2	6
Cyanides? (mg/L)		•
Sulfides? (ppm)?		
Specific Gravity	1-00	0
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78.	2
Conductivity	64	3 ms
% Solids	3.8	aring [
Turbidity	Yes	" No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)	18 1	
Lab Signature/Initials	1.0%) Y
	7 1 1	Dr.

Receiving & Departure Approval Form

	and the same
RECEIVING INF	ORMATION :
Date	07 / 19 / 23
Receiving ID#	J07102201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	06:30
Time out	1
Received by	I.Ah
Sampled by	Necela

LABHINEORM/	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		1
Flash Point (F)	>140	<u>ک</u>
pH (S.U.)	6.87	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.0	
Conductivity	40.0	m (
% Solids	2-0%	
Turbidity	Yes	No
Color		
TSS (%)	20.	1
Radiation Screen (as needed)	11/2	1)
Lab Signature/Initials	147	λ
		11

Receiving & Departure Approval Form

	50.00 PM
RECEIVING INFO	DRMATION
Date	07 / /8 / 23
Receiving ID#	J67181308
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:40
Time out	
Received by	J. W. T.
Sampled by	Dallon M

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 716	10
pH (S.U.)	7:38	<u> </u>
Cyanides? (mg/L)	(C 30	
Sulfides? (ppm)?	2.00	0
Specific Gravity	I_{0}	4,
Physical Description	Mara	N N
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	107
Conductivity	70,2	MS
% Solids	7. 1.83	
Turbidity	Yes	No
Color	NOT THE	art house
TS\$ (%)	1	Į.
Radiation Screen (as needed)		,
Lab Signature/Initials	MC	T ²

417.7	
RECEIVING INFO	DRMATION
Date	07 / 18 / 23
Receiving ID#	IO7182304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:08
Time out	A A O
Received by	LAM
Sampled by	1 Dalla M

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	<i>9</i>
pH (S.U.)	1.62	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	_03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76.	3
Conductivity	48.1	305
% Solids	0.6	eleman.
Turbidity	Yes	No
Color		
TSS (%)	10.	h
Radiation Screen (as needed)	1 1	1
Lab Signature/Initials		
		€ ∾

RECEIVING INFO	RMATION	
Date	07 / 18	/ 23
Receiving ID#	107/82	30)
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	12 45	
Time out	1 1	
Received by	从, 此	· Pina
Sampled by	There	Con

LAB INFORM	ατίσκι.	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	2-00	0
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1-02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76.	6
Conductivity	144	~ <
% Solids	1.47	
Turbidity	Yes	No
Color		
TSS (%)	(0,1	
Radiation Screen (as needed)		1
Lab Signature/Initials	401	<u> </u>
		8

RECEIVING INFO	DRMATION -	
Date	07/18	/ 23
Receiving ID#	107/80	TOTO TO
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	09.40	
Time out)
Received by	L.N.	A facilities
Sampled by	Marie	, Grane

LAB INFORMA	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	. 3	
Only)?	1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1/>1	40
pH (S.U.)	1 5.6	1)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1-03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77-0	
Conductivity	29.	1 ms
% Solids	096	7
Turbidity	Yes	^J No
Color		
TSS (%)	(0.	3
Radiation Screen (as needed)		11
Lab Signature/Initials		V
	111.16	

Receiving & Departure Approval Form

RECEIVING INF	ORMATION .	
Date	07 / 19	/ 23
Receiving ID#	IO7/82)	CI
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	06:30	
Time out	7.0	- 22000
Received by	1/0//	-
Sampled by	There	Z Elec

LAB INFORM	ATION :	4.5
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	9
pH (S.U.)	683	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	フス. り	
Conductivity	92.3	المحم
% Solids	1.56	•
Turbidity	Yes	No
Color	р	
TSS (%)	10x	W
Radiation Screen (as needed)	LK	1
Lab Signature/Initials		
		0

	in the state of th	
RECEIVING INFO	RMATION	
Date	07 / (7)	/ 23
Receiving ID#	10717	1285
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		44444
Generator		
Client		
Transporter		·
Time in	1 3 Dr. 30	
Time out		
Received by	JMY	`
Sampled by	Bylen	· A

LAB INFORMA	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7149	
pH (S.U.)	7.09	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	104	
Physical Description	1 JUNIA	
Stream Consistency	(Yes)	No
Oil in Sample?	Yes	(No)
Temperature (F)	75.4	
Conductivity	47.6	N
% Solids	7.777.	
Turbidity	Yes	No
Color	NEWERS	
TSS (%)	< 0 - 7	
Radiation Screen (as needed)	<u>N</u> 69	
Lab Signature/Initials	TIME	

74 77 200		
RECEIVING INF	ORMATION	
Date	07 / / 7	/ 23
Receiving ID#	ZOTIT	2304
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	15:15	
Time out		
Received by		
Sampled by	A. War	12

LABPINEGRMA	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >14	10
pH (S.U.)	>11 Ca.3	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	80).3
Conductivity	43.	3m5
% Solids	1,90	1
Turbidity	Yes	No
Color		
TSS (%)	1 CON	
Radiation Screen (as needed)	B .A	
Lab Signature/Initials		
	1 " 1	1/10

RECEIVING INFO	DRMATION :
Date	07 / / / / / 23
Receiving ID#	IO7172303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1652
Time out	
Received by	A Deli
Sampled by	Dogolas
	J

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		<u> </u>
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	6.39	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78.8	₹
Conductivity	44.6	
% Solids	1.76	
Turbidity	Yes	No
Color		ì
TSS (%)	10.1	Δ
Radiation Screen (as needed)	1	
Lab Signature/Initials	LA.10	-
	//	/-

RECEIVING INFO	DRMATION	
Date	07 / 7	/ 23
Receiving ID#	107/223	r()
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	09:40	
Time out	A a A	
Received by	J.J.M.L	
Sampled by	Warel	¥.
*		

LABINFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		and the state of t
Flash Point (F)	1 >146)
pH (S.U.)	5.78	?
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	フス	<i>></i>
Conductivity	420	ms
% Solids	1.88	
Turbidity	Yes	No
Color		
TSS (%)	100	1
Radiation Screen (as needed)	1 1	1/
Lab Signature/Initials	LANK	<u> </u>
		-IM

Receiving & Departure Approval Form

RECEIVING INFO	RMATION:
Date	07 / 1 / 23
Receiving ID#	IST 17301
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6,40 Am
Time out	
Received by	LYON
Sampled by	120 Marion
. ,	√ [™] '

	dania (antarantaria)	
LAB INFORMA	MOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	J
pH (S.U.)	6.30	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.	9
Conductivity	35.7	· ~5
% Solids	1.73	••/
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)	A /	
Lab Signature/Initials		
	A	// #94E }

Receiving & Departure Approval Form

	Carry & Landing	
RECEIVING INFO	DRMATION	
Date	07 / 15	/ 23
Receiving ID#	20715	2301
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	9:16	
Time out		
Received by	BINGI	w
Sampled by	BINGI	Ή'

LAB INFORMA	ATION .	
Compatible? (RT#)	7	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		uga
Flash Point (F)	71400	3/
pH (S.U.)	6.0	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1-02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.0	7
Conductivity	3.07)
% Solids	- 311	
Turbidity	Yes	No
Color		
TSS (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	Mw	7

RECEIVING INF	ORMATION :
Date	07 / 14 /23
Receiving ID#	Z01/42303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19.27
Time out	
Received by	A. Wu My
Sampled by	A. Wely

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7,05	
pH (S.U.)	7.05	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.8	•
Conductivity	42.3	
% Solids	. 668	
Turbidity	Yes	No
Color		
TS\$ (%)	(0. [
Radiation Screen (as needed)		
Lab Signature/Initials	Virmil	

IRECEIVING INFO	DRMATION	*#27****** *#44
Date	07 / 14	/ 23
Receiving ID#	70714230	2
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	14-00	
Time out	<i>i</i>	
Received by	LIM	<u> </u>
Sampled by	Mence	-

		SERVICE SERVICES
LAB INFORMA	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	0
pH (S.U.)	Le.7	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		8
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75,5	2
Conductivity	39,6	w.
% Solids	1-90)
Turbidity	Yes	No
Color		
TS\$ (%)	(00)	
Radiation Screen (as needed)		`
Lab Signature/Initials	LM)

Receiving & Departure Approval Form

	and the second
RECEIVING INF	<u>ormation : </u>
Date	07 / 13 / 23
Receiving ID#	I07/32304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:50
Time out	
Received by	
Sampled by	Dallen H

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		,
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140°	
pH (S.U.)	7.36	
Cyanides? (mg/L)	22	
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.6	
Conductivity	42.5	
% Solids	1.1%	
Turbidity	Yes	No
Color	euous	
TSS (%)	<0.1%	
Radiation Screen (as needed)		
Lab Signature/Initials	Dalton	M

RECEIVING INFO	DRMATION
Date	07 / 14 / 23
Receiving ID#	107/42361
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:60
Time out	1 1
Received by	THINK
Sampled by	nerela

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F))) / '	70
pH (S.U.)	10-8	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.2	
Conductivity	39.5	ms
% Solids	1.47	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		\
Lab Signature/Initials		

	14.94.0	
RECEIVING INF	ORMATION -	
Date	07 / 19	/ 23
Receiving ID#	101132	2303
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in 34	100 1	3:00
Time out	1 0 0 1	1
Received by	JA-KI-	
Sampled by	12000	
/	V	

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	1.7	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.05	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.2	a deposit and the
Conductivity	52-	7 m5
% Solids	2.47	Z
Turbidity	Yes	No
Color		
TSS (%)	50,1	
Radiation Screen (as needed)		
Lab Signature/Initials	LVV)
_ab Signature/Initials	HA	<u> </u>

Receiving & Departure Approval Form

	477
RECEIVING INFO	
Date	07 / 13 /23
Receiving ID#	T67132302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:06
Time out	
Received by	newla
Sampled by	n Erector

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>110°	
pH (S.U.)	5.54	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.000	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	720	
Conductivity	31.2	
% Solids	0.79%	
Turbidity	Yes	No
Color		•
TSS (%)	0.500%	
Radiation Screen (as needed)		Marine Commence of the Commenc
Lab Signature/Initials	nece	Lan_

	Compared Address of the Compared Compar
RECEIVINGUNE	ORMATION
Date	07 / 13 / 23
Receiving ID#	10713230
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:34
Time out	
Received by	nerela
Sampled by	n Greeden

LAB INFORM	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140°	
pH (S.U.)	5.51	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.000	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	736	
Conductivity	35.3	****
% Solids	1.0600	
Turbidity	Yes	No.
Color		
TSS (%)	0.2500	
Radiation Screen (as needed)		
Lab Signature/Initials	n Engla	

RECEIVING INFO	RMATION -	
Date	07 /	/ 23
Receiving ID#	IZ0712	2304
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	19:20)
Time out		
Received by		
Sampled by	Date	n M

LAB INFORMA	TIÓN:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>/40	
pH (S.U.)	(0.90	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.3	
Conductivity	44,9	
% Solids	1.26	
Turbidity	Yes	No
Color	AND MASS	,
TSS (%)	€0.je/v	
Radiation Screen (as needed)		
Lab Signature/Initials	To Have	M.

	a est a est de la companya de la companya de la companya de la companya de la companya de la companya de la co
RECEIVING INFO	
Date	07 / / 4/23
Receiving ID#	IO7122303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13.14
Time out	0
Received by	1 delan
Sampled by	1 B. Ware, YO

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	5.55	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78	6
Conductivity	479	~ <
% Solids	1.36	2
Turbidity	Yes	No
Color		
TSS (%)	160 N	
Radiation Screen (as needed)	7	
Lab Signature/Initials		

Receiving & Departure Approval Form

4RECEIVING INF	FORMATION
Date	07 / /2 / 23
Receiving ID#	T07123302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9/35
Time out	1 24
Received by	I to the
Sampled by	Marey Parkster

LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 フノザ0	
pH (S.U.)	3.77	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	739	
Conductivity	481	~ \
% Solids	2.01	- W
Turbidity	Yes	No
Color		
TSS (%)	40,1	
Radiation Screen (as needed)		
Lab Signature/Initials		\
	A STOCK	,

	The state of the s
RECEIVING INFO	RMATION
Date	07 / 12 / 23
Receiving ID#	10712236
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:0)
Time out	
Received by	- Note
Sampled by	Una

	······································	
LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		******
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	0
pH (S.U.)	(6.0)	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description	lique	X
Stream Consistency	Yes'	, No
Oil in Sample?	Yes	No
Temperature (F)	73.4	
Conductivity	419.9	ms
% Solids	0,10	\ /
Turbidity	Yes	No
Color		
TSS (%)	(O.)	
Radiation Screen (as needed)	1 1 . 1	10
Lab Signature/Initials		1/1/
	TI	JY.

L RECEIVING INFO	RMATION	
Date	07 /	/ 23
Receiving ID#	工0711	2303
Manifest # Line		
Land Barr Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	18:	5 <i>R</i>
Time out		
Received by		
Sampled by	Dalle	n M

LAB-INFORMA	VTION:	111
Compatible? (RT#)		-
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/40	
pH (S.U.)	6.42	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	783	
Conductivity	32.0	
% Solids	, 900	
Turbidity	Yes	No
Color		
TSS (%)	< ,190	
Radiation Screen (as needed)		
Lab Signature/Initials	Dellan	М.

RECEIVINGINFO	RMATION :: :
Date	07 / / / / 23
Receiving ID#	T07112302
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:45
Time out	
Received by	LLWH
Sampled by	1 Killing

: LAB: INFORMA	ATION:	
Compatible? (RT#)		io d North Isolah
PCBs (ppm) (Oily Waste	A Control of the State of the S	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	<u> </u>
pH (S.U.)	635	ب ٧
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	}
Physical Description		· · · · · · · · · · · · · · · · · · ·
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78.4	L
Conductivity	43,1	I mal
% Solids	1.59	,
Turbidity	Yes	No
Color		
TSS (%)	(6)	
Radiation Screen (as needed)	1 1	
Lab Signature/Initials	Lhall	.)

Receiving & Departure Approval Form

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RECEIVING INF	ORMAHON / 23
Receiving ID#	107/12361
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07.00
Time out	
Received by	HALL
Sampled by	Merce

LAB INFORM	ATION-	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)		
pH (S.U.)	6.2	e
Cyanides? (mg/L)		ų.
Sulfides? (ppm)?		
Specific Gravity	1-03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No.
Temperature (F)	72,	2
Conductivity	42,	ary S
% Solids	1.5	58
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)		٨
Lab Signature/Initials		/
. /		N.A.

Receiving & Departure Approval Form

MATION	
JO1102	303
Yes	No
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13:31	
A	
1 MM	~~.
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	07 110 1 201102:

LAB INFORMA	NOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	6.86	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.6	
Conductivity	37.7	-5
% Solids	1 4	
Turbidity	Yes	No
Color		
TSS (%)	(0)	^
Radiation Screen (as needed)		
Lab Signature/Initials	I A K	
	711/	- W

Receiving & Departure Approval Form

Revision 6 1/20/20

	11-00-2
RECEIVING INFO	DRMATION
Date	07 / 10 /23
Receiving ID#	In7107302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:32
Time out	
Received by	4.174.
Sampled by	Mikey Killing

LAB INFORM	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		W. M. S. S.
Flash Point (F)	> 2	40
pH (S.U.)	6.9	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75,7	
Conductivity	33-6	- 3
% Solids	1.60)
Turbidity	Yes	No
Color		
TSS (%)	1/0)
Radiation Screen (as needed)	$\prod \Lambda \cap$	
Lab Signature/Initials	11/W/W	1
	1.10	ν-

Receiving & Departure Approval Form

Revision 6 1/20/20

	in the state of th
RECEIVING INFO	RMATION .
Date	07 / / () / 23
Receiving ID#	IO7 10 23 01
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	•
Client	
Transporter	
Time in	6:38
Time out	
Received by	A. Worling
Sampled by	A. Warliy

LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	70
pH (S.U.)	- 7. 7.	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.	",
Conductivity	40.	6
% Solids	.70	3 (
Turbidity	Yes	No
Color		
TSS (%)	(0.	į.
Radiation Screen (as needed)		
Lab Signature/Initials	A. Wirt	No

Entrance Control Contr	COLIVII O CAR
RECEIVINGINFO	DRMATION
Date	07 / ") /23
Receiving ID#	I07072304
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:10 1
Time out	i
Received by	1.7/ /~
Sampled by	MESSA

LAB: INFORMA	· · · · · · · · · · · · · · · · · · ·	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	10.66	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.09	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.1	
Conductivity	48.4	
% Solids	9%	
Turbidity	Yes	No
Color		
TSS (%)	.5%	
Radiation Screen (as needed)	1 1	
Lab Signature/Initials	TH MI	

The second of th		
RECEIVING INFO	PRMATION	
Date	07 / 7	/ 23
Receiving ID#	T07072	2300
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		alama, a di a
Generator		
Client		
Transporter		
Time in	13.00	
Time out		d Views
Received by	HAL	Λ
Sampled by	Ax Conce	LEP.

LAB INFORM	· · · · · · · · · · · · · · · · · · ·	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		Q
Flash Point (F)	2140	2
pH (S.U.)	5.90)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	3
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77.	
Conductivity	42.6	o ns
% Solids	1.61	
Turbidity	Yes	No
Color		
TSS (%)	100	
Radiation Screen (as needed)		
Lab Signature/Initials	LI WA	M.
		Prod

PLEEVINGING	NEW PROPERTY.
RECEIVING INFO	07 / 0 / / 23
Receiving ID#	I07072302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:47
Time out	
Received by	Link
Sampled by	Galey Parkit

	***************************************	Same and the late of the late
LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	-	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)))) '	10
pH (S.U.)	1.6	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.	5
Conductivity	918	an S
% Solids	1.20) 1
Turbidity	Yes	No
Color		
TSS (%)	(0)	\triangle
Radiation Screen (as needed)	Δ	
Lab Signature/Initials	Lot	

Receiving & Departure Approval Form

RECEIVING INF	ORMATION
Date	07 / 07 / 23
Receiving ID#	107012301
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:35
Time out	N . O
Received by	A. Dh
Sampled by	(Garry Miks#

'::-,'LAB-INFORMA	VTION*: ·	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	-
pH (S.U.)	625	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.1	
Conductivity	0.699	5
% Solids	0.09	
Turbidity	Yes	No
Color		
TSS (%)	20-1	
Radiation Screen (as needed)	1	
Lab Signature/Initials	LAY	-
		,

RECEIVINGINF	<u>ORM</u> ATION	
Date	07 / 6	/ 23
Receiving ID#	107062:	105
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	18:30	
Time out	1 8 8	
Received by	Ble	
Sampled by	he	Lin-

LAB INFORMA	VIION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	2.80)
Cyanides? (mg/L)	< 30	
Sulfides? (ppm)?	6200	
Specific Gravity	1.01	
Physical Description	liquiel	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76:	λ,
Conductivity	5.40	
% Solids	,0540	
Turbidity	Yes	No
Color	Clear	
TSS (%)	< 0.190	
Radiation Screen (as needed)		
Lab Signature/Initials	والمرجعا	$L_{\mathcal{M}_{\alpha}}$

RECEIVING	INFORMATION	
Date	07 / 6 / 23	
Receiving ID#	£0706230€	
Manifest# Lin		
Land Ban Cert included	Yes No	
EGT Approval #		····
Generator		
Client		
Transporter		
Time in	14.30	·
Time out	1 1	
Received by		
Sampled by	1 hans	

	······	
LAB INFORM	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	2.00	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.0	
Conductivity	53.4,	201
% Solids	2-20	3
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)	I A C)
Lab Signature/Initials	LINI	15-
		12

	1.000	
RECEIVING INFO		(*************************************
Date	07 / 06	/ 23
Receiving ID#	120706	. 2303
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	11:20	
Time out	A c 3	
Received by	AM	
Sampled by	I took! I'm	and
	1	

LAB INFORMA	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		**************************************
TOC ppm (CC Waste Only)?	1	
Flash Point (F)	1 2640)
pH (S.U.)	6.46	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.6	3
Conductivity	1445	
% Solids	1.52	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)	1 _ A _ A _ A	
Lab Signature/Initials	MY I	
	, 1 W MV8	

RECEIVING INFO	DRMATION
Date	07 / 6 /23
Receiving ID#	I0706230
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:39
Time out	
Received by	LAN
Sampled by	1(T.X N

LAB INFORMA	TIME	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		<u></u>
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> /	140
pH (S.U.)	lo.l	27
Cyanides? (mg/L)		
Sulfides? (ppm)?		<u></u>
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	-5
Conductivity	20.	5m5
% Solids	0.5	i.j
Turbidity	Yes	[/] No
Color		
TSS (%)	40.	
Radiation Screen (as needed)	1 A	
Lab Signature/Initials		
	/ 1 /	1

RECEIVING INFO	DRMATION	(
Date	07 / 6 /2	23
Receiving ID#	110706	230
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	6.17	
Time out	. A	
Received by	I L. M. J.	
Sampled by	(/D.B.	

LAB: INFORM	- MOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	1,17	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1-02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.	3
Conductivity	60.1	2 m <
% Solids	0-8	7
Turbidity	Yes	No
Color		
TSS (%)	<0.	
Radiation Screen (as needed)		
Lab Signature/Initials		
	1	NA

Receiving & Departure Approval Form

Revision 6 1/20/20

RECEIVING INFO	RMATION	
Date	07 / 🛂	^ / 23
Receiving ID#	T0704	52304
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #	***************************************	
Generator		
Client	in the state of th	
Transporter		
Time in	16:38)
Time out		
Received by	LL.X	K
Sampled by	1 Machi	n H

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		, , , , , , , , , , , , , , , , , , ,
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	WAN	6.83
Cyanides? (mg/L)	Sec	430
Sulfides? (ppm)?	< 200	
Specific Gravity	1.02	
Physical Description	1:9 piel	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.2	
Conductivity	39.8	
% Solids	7.400	
Turbidity	Yes	No
Color	Bowin	
TSS (%)	,1%	
Radiation Screen (as needed)	ŧ	
Lab Signature/Initials	1 milles	4

Constant Programme Constant Co	I CEOLIVINGO OCALI
RECEIVING INFO	DRMATION
Date	07 / \$ /23
Receiving ID#	I07052303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:41
Time out	A C B
Received by	LI × M A. a.
Sampled by	/ /A Wally

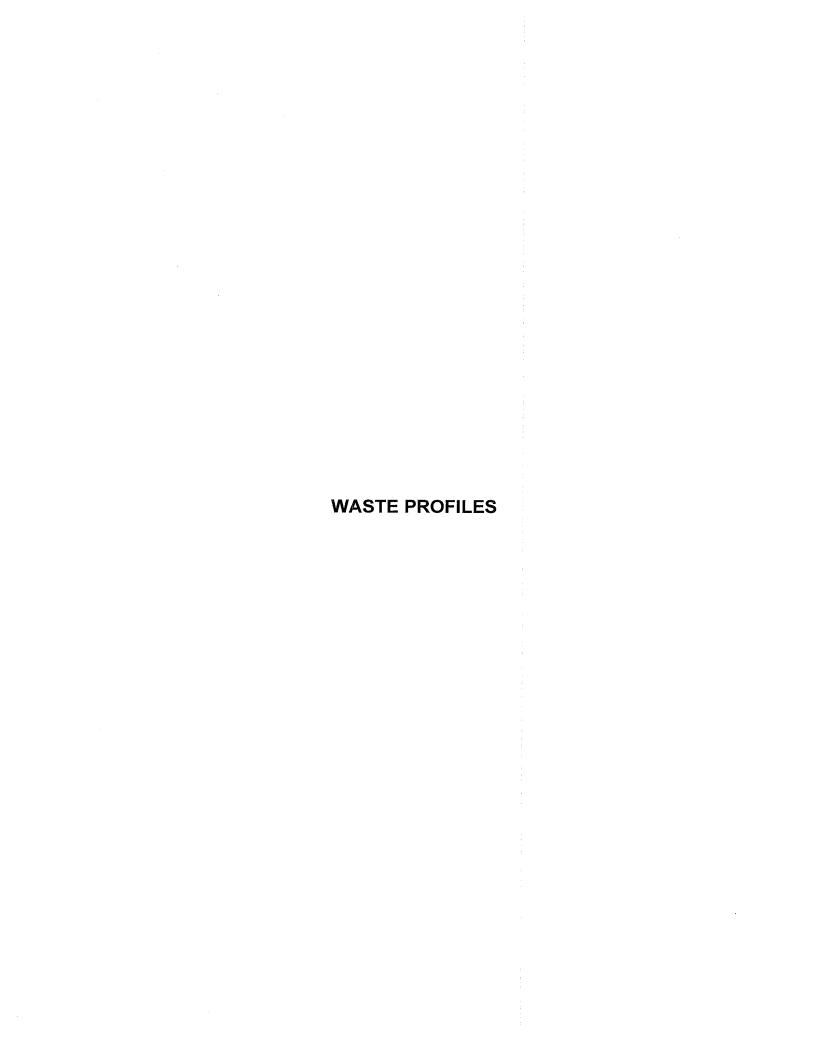
LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		·
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	40
pH (S.U.)	6.5	4
Cyanides? (mg/L)		3
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	77.6	2
Conductivity	38.8 A	. 4
% Solids	1-8	Ī,
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)	8.0	
Lab Signature/Initials	LX X	V

	447436	
RECEIVING INFO	DRMATION	
Date	07 /	/ 23
Receiving ID#	1026523	00
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator	-	
Client		
Transporter		
Time in	10:00	
Time out	a /	P.
Received by	Ash	X.
Sampled by	Kend	7

LAB INFORM	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	40
pH (S.U.)	6.1	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	4
Physical Description		7
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76.	0
Conductivity	38.5	M 5
% Solids	1 7.5	8
Turbidity	Yes	No
Color		
TSS (%)	10	-1
Radiation Screen (as needed)		
Lab Signature/Initials	M	1/1
	1 3	274

ORMATION :	
07 / 05	/ 23
I 07059	Je 4
Yes	No
08:00	
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LAB INFORM	ATION	75719
Compatible? (RT#)		### 7 PEC 12 10
PCBs (ppm) (Oily Waste		
Only)?	****	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	10.32	_
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	745	
Conductivity	36105	Salled State - Industry
% Solids	17.14	
Turbidity	Yes	No
Color		
TSS (%)	300	
Radiation Screen (as needed)	1 1 0 1	
Lab Signature/Initials	LVA	7
		1



No waste profiles for the month of July 2023

F039 Analysis

ANALYTICAL REPORT

PREPARED FOR

Attn: Tabetha Peebles Republic Industrial and Energy Solutions 28470 Citrin Dr Romulus, Michigan 48174

Generated 8/24/2023 3:47:16 PM

JOB DESCRIPTION

Republic Industrial and Energy Solutions- F039

JOB NUMBER

190-32334-1

Eurofins Michigan 10448 Citation Drive Suite 200 Brighton MI 48116

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Eurofins Michigan

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated 8/24/2023 3:47:16 PM

Authorized for release by Sue Schafer, Project Manager II Sue.Schafer@et.eurofinsus.com (810)229-2763

we Schafer

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Sample Summary

Client: Republic Industrial and Energy Solutions Project/Site: Republic Industrial and Energy Solutions- F039

Job ID: 190-32334-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
190-32334-1	F039 July 2023 Composite	Water	08/02/23 00:00	08/02/23 16:00

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Job ID: 190-32334-

Case Narrative

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Job ID: 190-32334-1

Laboratory: Eurofins Michigan

Narrative

Job Narrative 190-32334-1

Receipt

The sample was received on 8/2/2023 4:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.4°C

GC/MS Semi VOA

Method 8270E: The following sample was diluted due to the nature of the sample matrix: F039 July 2023 Composite (190-32334-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

Method 8081B: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS), associated with preparation batch 240-582889 and analytical batch 240-583187. Percent recoveries are based on the amount spiked. A dilution was needed to bring the analytes within calibration range.

Method 8081B: Internal standard (ISTD) response for the following sample exceeded the control limit on Column CLP-2 0.32mm ID: F039 July 2023 Composite (190-32334-1). As such, the sample results associated with this ISTD were reported from the other column, which met ISTD acceptance criteria.

Method 8081B: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: F039 July 2023 Composite (190-32334-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Republic Industrial and Energy Solutions Project/Site: Republic Industrial and Energy Solutions- F039

Lab Sample ID: 190-32334-1

Matrix: Water

Job ID: 190-32334-1

Client Sample ID: F039 July 2023 Composite

Date Collected: 08/02/23 00:00

Date Received: 08/02/23 16:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<50		50	ug/L		08/04/23 08:34	08/07/23 19:02	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	41		31 - 140			08/04/23 08:34	08/07/23 19:02	50
Phenol-d5 (Surr)	24		18-120	i je		08/04/23 08:34	08/07/23 19:02	50
Nitrobenzene-d5 (Surr)	93		13-120	74	41	08/04/23 08:34	08/07/23 19:02	50
2-Fluorophenol (Surr)	29		12-120			08/04/23 08:34	08/07/23 19:02	50
2-Fluorobiphenyl (Surr)	66		23 - 120			08/04/23 08:34	08/07/23 19:02	50
2,4,6-Tribromophenol (Surr)	64		10-126			08/04/23 08:34	08/07/23 19:02	50
Method: SW846 8081B - O	rganochlorine	Pesticide	s (GC)					
Analyte	Result	Qualifier	` RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<1.0		1.0	ug/L		08/04/23 09:02	08/08/23 12:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	44		10-145			08/04/23 09:02	08/08/23 12:48	
Tetrachloro-m-xylene	92		10-123			08/04/23 09:02	08/08/23 12:48	1

Job ID: 190-32334-1

QC Sample Results

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

76

78

Lab Sample ID: MB 240-582 Matrix: Water Analysis Batch: 583005	873/21-A					ole ID: Method Prep Type: To Prep Batch:	otal/NA
Analyte	Result	Qualifier	RL	Unit : D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0	ug/L	08/04/23 08:34	08/06/23 10:55	1
	MB	MB			ta.		
Surrogate	%Recovery	Qualifier	Limits	1 5 W	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	93		31 - 140		08/04/23 08:34	08/06/23 10:55	
Phenol-d5 (Surr)	35		18 - 120	and the second of the second	08/04/23 08:34	08/06/23 10:55	1
Nitrobenzene-d5 (Surr)	70		13 - 120		08/04/23 08:34	08/06/23 10:55	1
2-Fluorophenol (Surr)	50		12 - 120		08/04/23 08:34	08/06/23 10:55	1

23-120

10-126

LCS LCS

Lab Sample ID: LCS 240-582873/22-A

2-Fluorobiphenyl (Surr)

2,4,6-Tribromophenol (Surr)

Analysis Batch: 583005

Matrix: Water

Client Sample ID: Lab Control Sample Prep Type: Total/NA Prep Batch: 582873

%Rec

Client Sample ID: Lab Control Sample

%Rec

Limits

26 - 120

08/04/23 08:34 08/06/23 10:55

08/04/23 08:34 08/06/23 10:55

Spike Analyte Added Result Qualifier Unit Limits Nitrosodimethylamine 20.0 10 - 120 6.45 ug/L 32

	LCS L	.cs	
Surrogate	%Recovery (Qualifier	Limits
Terphenyl-d14 (Surr)	95		31 - 140
Phenol-d5 (Surr)	39		18-120
Nitrobenzene-d5 (Surr)	82		13 - 120
2-Fluorophenol (Surr)	57°		12-120
2-Fluorobiphenyl (Surr)	84		23 - 120
2,4,6-Tribromophenol (Surr)	104		10 - 126

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-5828 Matrix: Water Analysis Batch: 583187	89/6-A						ole ID: Method Prep Type: To Prep Batch:	otal/NA
-	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050	ug/L		08/04/23 09:02	08/08/23 13:06	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99	p	10-145			08/04/23 09:02	08/08/23 13:06	
Tetrachloro-m-xylene	67		10 - 123			08/04/23 09:02	08/08/23 13:06	1

Lab Sample ID: LCS 240-582889/7-A

Matrix: Water

Analyte

Aldrin

Analysis Batch: 583187

Spike LCS LCS Added Result Qualifier Unit D %Rec 1.00 0.899 ug/L 90

LCS LCS

Surrogate %Recovery Qualifier Limits DCB Decachlorobiphenyl 89 10-145

Eurofins Michigan

Prep Type: Total/NA

Prep Batch: 582889

QC Sample Results

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Job ID: 190-32334-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 240-582889/7-A

Matrix: Water

Analysis Batch: 583187

LCS LCS

Surrogate

%Recovery Qualifier

Tetrachloro-m-xylene

66

Limits 10-123

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 582889

Job ID: 190-32334-1

Definitions/Glossary

Client: Republic Industrial and Energy Solutions Project/Site: Republic Industrial and Energy Solutions- F039

Qualifiers

GC Semi VOA

Qualifier **Qualifier Description**

The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported. p

Glossary

Glossary		
Abbreviation	These commonly used abbreviations may or may not be present in this report.	
¤	Listed under the "D" column to designate that the result is reported on a dry weight be	asis
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	
DL	Detection Limit (DoD/DOE)	•
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion ana	lysis of the sample
DLC	Decision Level Concentration (Radiochemistry)	
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML.	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	·
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Еггог Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
TNTC	Too Numerous To Count	

Eurofins Michigan 10448 Citation Drive Suite 200 MICHIGA	A Chain of Charles	Ĭ	CHIGAN	÷ ourofine
Brighton, MI 48116 Phone: 810-229-2763 Fax: 810-229-0000		:		Environment Testing
Client Information	Ch. Hawking	Lab PM: Schafer, Sue	Carrier Tracking No(s):	COC No: 190-39123-2896 1
Client Contact: John Frost		E-Mail: Sue.Schafer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Republic Industrial and Energy Solutions	PWSID:	Analysis Reminested	liected	Job#:
Address: 28470 Citrin Dr	Due Date Requested:		noice in	Preservation Codes:
City. Romulus	TAT Requested (days):	T		
	Compliance Project: A Yes A No.			
328(Tel)				F - Wendow F - MeOH S - H2SO4 G - Amchior S - T2SO4
publicservices.com	WO#.			
	Project #: 19001517	N JO S	linera	K-EDTA Y-Trzma
Site:	SSOW#.	eY) Q	COUE	C - other;
	Samuel Matrix	uiposo SW/S S pe.	TO JOC	
	Type (C=comp, c	fellfei M.moh Jen - Jo Jen - Ber Jen - Ber Jen - Ber	dmuM ig	
Sample Identification	Sample Date Time G=grab) BT-TISTUR AND Processing Code	806 951	101	Special Instructions/Note:
\	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		X	
トロジュンラングログ	SV23 C water	XXX		
		190-32334 Chain of Custody	ain of Custody	
Possible Hazard Identification Vion-Hazard Flammahle Suin Irritan Doctors		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	ssessed if samples are retained	ed longer than 1 month)
	•	Special Instructions/QC Requirements:	oosal By Lab	Archive For Months
	Date:	Time:	Method of Shipment:	
	SO 2/23 Cognosiny	Received by:	Date/Time	Company Company
W.	C) Company	E LTH Received by		
		Received by:	DaterTime	Company
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks	marks:	

Environment Testing TestAmerica) Discrep) Short H	ancie old	es ur C	ר. ח- <i>ס</i> -ר	Client ID: <u>Capable Judi</u> Work Oder #: <u>132334</u> Day 3-Day 5-Day Other: ned by: Initials: Date: 812 Time: 16:00
Method of Shipment: Walk-in Client Eurofins TA Field Courie Other Client / 3 rd Party Courier: Fed Ex Tracking #: UPS Tracking #: Other:		Coole Vone ackii Plastii Subble Packir	ng M c-Bag e Wra	Box Othe lateri is ☐ I ap ☐ I	er:
Bacteriological Temp Corrected (°C)	Frozen	?		Rec'o	d Within 2 Hrs? Sample Flagged?
Samples	Yes	No		Ye	es No Yes No
Receipt Temperatures	No emp Blank	Sam	nple T	emp	Acceptable Cooler ID Affected Samples Yes No Acceptable Cooler ID Affected Samples Y N
Receipt Questions**		Y	N	NA	"No" answers require additional comment
CoC present and ETA receipt signature, date, and time documented?					So sample time on Bottle
Containers and Labels in good condition? (unbroken, no appropriately filled, labels legible & attached)	ot leaking,				
Appropriate containers used and adequate volume prov	ided?	V			Preserved bottles checked for pH?* Yes No
Number of sample containers match CoC?		V			pH strip lot #
Samples received within hold?		V			:
Samples submitted for GRO and Volatiles analysis (826 524) received without headspace?	0, 624,			3 Z	
Was a Trip Blank received with VOA samples?				i.	
Were the samples free of any questionable physical conformities? (i.e.; field duplicates or multiple bottles of sample do not significantly vary in appearance – color, s proportions, etc.)	olid	V			
Were the CoC bottle labels and all other items free of all discrepancies or Issues that would need to be addressed the Project Manager and/or Client?	other I with	\checkmark			•
"May not be applicable if samples are not for compliance	e testing				*Excludes FOG, VOAs, TOC Vials, HEM
Client Contact Record Contact Via: Phone Email Other:	Perso	n Coi	ntact	ed:	Date/Time:
Discrepancy allowance agreement	is on reco	rd in	the c	lient p	project file
Discussion / Resolution	dha allana		4 h		Lin the parenting and/or scanned into the COC
Any additional documentation and clarification from directory.					

Eurofins Michigan
10448 Citation Drive Suite 200
Brighton, MI 48116
Phone: 8112,229-2763 Fax: 810-229-0000

0-5 lod Chain of Custody Record

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💸 eurofins | Environment Testing

Client Information (Sub Contract Lab)			Schafer, Sue	r, Sue				Carrier Tra	Cerrier Tracking No(s)		COC No:	1.0	
Chent Contact: Shinning/Receiving	Phone		E-Waii					State of Origin,	gir.		Page:		
Company			Sue.Sc	hafer@e	Sue.Schafer@et.eurofinsus.com	S.COM		Michigan			Page 1 of	1	
Eurofins Environment Testing North Centr		- 1.5 - 1.5	<u>¥</u>	xxeditation	Accreditations Required (See note	ee note):					Job # 190-32334-1	4-1	
Address: 180 S. Varn Buren Avenue,	Due Date Requested: 8/15/2023					Anaive	Analysis Reguested	Pated			Preservation Codes	on Codes:	
City: Barbarton	TAT Requested (days):				E					\vdash	A HCL		N - None
State Zip OH, 44203		1000 1000 1000									C - Zn Acetate D - Nitric Acid F - NaHSCA		O - ASNBO2 P - NB2O4S Q - NB2SO3
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO*	5 . 5									F-MeOH G-Amdrior		R - Ne2S203 S - H2SO4. T - TSP Pedershyddig
	#OM		ON 10		enima!				e	 			U - Acetone V - MCAA
Project Name: Republic Industrial and Energy Solutions- F039	Project # 19001517		**************************************		methy		********			····	-		W - pH 4-5 Y - Inzma 7 - offer (coerfs)
Site:	SSOW		lam & c	N as	lboson						of conf	,	(Area)
		0	Matrix (verses, constrained S)	MS/M moti Macaracian	.0E/3¢10C NI			***************************************			al Number o	22	
Sample Identification - Client ID (Lab ID)	Sample Date	Time Garab)	ation Code:	•d ×	128							Special Instructions/Note:	tions/Note:
F039 July 2023 Composite (190-32334-1)	8/2/23 E	Eastern	Water	×	×	1					-		
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	*					1	1	-	-				
Note: Since taboratory accreditations are subject to change. Eurofins Environment Testing North Central, ILC places the ownership of method, analytic & accreditation compliance upon our subcontract laboratories. This samples the samples must be shipped back to the Eurofins Environment Testing North Central, ILC abovators will be provided. Any changes are consistent to date, return the signed Chan of Custody attesting to other instructions will be provided. Any changes are current to date, return the signed Chan of Custody attesting to capter any control testing North Central, ILC aftention immediately. If all requested accreditations are current to date, return of Custody attesting to said compliance to Eurofins Environment Testing North Central.	oment Testing North Central, ad above for analysis/lests/morth orth Central, LLC attention im	LLC pleas the owner this being analyzed, I mediately. If all reque	rahip of method, anal the samples must be sated accreditations a	yte & accre shipped be ire current	ditation compl ck to the Euro o date, retum	fins Enviro	our subco	ritract labo ing North (ustody atte	ratories. Ti Sentral, LL(is sample taborator d compliar	shipment is forware or other instruction of to Eurofins Env	rded under charant ons will be provi	m-of-custody. If the ided. Any changes ng North Central,
Possible Hazard Identification				Samolo	Consoli								
Unconfirmed					Return To Client	A ree m		rassessed ir san Dienosal By Lah	r sampii 1 ah		Sample Disposal (A ree may be assessed in samples are retained longer than 1 month)	than 1 mont	(F)
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Rank: 2		Special	Special Instructions/QC Requirements	VOC Rec	uiremen	S:	Lau		Alchive nor	MO	Months
Empty Kit Relinquished by:	Date			Time:				Wedty	Method of Shipment	aut			
Rehnquisting by	Detactime: 123	01:91	Company	Keg.	A Constitution	{	C	1 4	Date	Date Til	12 86	SOI Company	YX Y A
Relinquistred Ty	Date/fime /		Company	Rec	Received by:				Date	Date/Time	1		+
Relinquished by:	Date/Time		Company	Rece	Received by:				Date/Time	Time		Company	pany
Custody Seals Intact: Custody Seal No∴ ∆ Yes ∆ No				8	Cooler Temperature(s) °C and Other Remarks	P(s) °C and	1 Other Re	marks	-				

Eurofins - Cleveland Sample Receipt Form/Narrative Login #:
Barberton Facility/
Client Cooler unpacked by:
Cooler Received on 8.3.73 Opened on 8.3.73
FedEx: 1" Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other
Receipt After-hours: Drop-off Date/Nime Storage Location
Eurofins Cooler # FC Fram Box Client Cooler Box Other
Packing material used: Dubble Wrap Foam Plastic Bag None Other
COOLANT: Vetlee Blue Ice Dry Ice Water None
1. Cooler temperature upon receipt See Multiple Cooler Form IR GUN #
v 👝 🖰
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity Yes No
-Were the seals on the outside of the cooler(s) signed & dated? Yes No NA checked for pH by
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes, Receiving:
-Were tamper/custody seals intact and uncompromised? 3. Shippers' packing slip attached to the cooler(s)? VOAs
Oll and Grance
TOC
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)?
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N))
10. Were correct bottle(s) used for the test(s) indicated?
11. Sufficient quantity received to perform indicated analyses?
12. Are these work share samples and all listed on the COC? Yes No
If yes, Questions 13-17 have been checked at the originating laboratory. 13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC312502
14. Were VOAs on the COC?
15. Were air bubbles >6 mm in any VOA vials? Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Yes/No
17. Was a LL Hg or Me Hg trip blank present? Yes No
Contacted PM Date by via Verbal Voice Mail Other
Concerning
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES
TA CAMPIE CONDITION
19. SAMPLE CONDITION Sample(c)
Sample(s) were received after the recommended holding time had expired. Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)
20. SAMPLE PRESERVATION
Sample(s) were further preserved in the laboratory.
Sample(s) were further preserved in the laboratory. Time preserved: Preservative(s) added/Lot number(s):
VOA Sample Preservation - Date/Time VOAs Frozen:

10448 Citation Drive Suite 200 Brighton, MI 48116 Phone: 810-229-2763 Fax: 810-229-0000

Chain of Custody Record

psse**n**

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Cliant Information (Sub Contract Lab)	Serious Control		Schafer, Sue	Sue	Certler Tracking No(s):	NO(s):	COC No: 190-36857.1	
Chem Contact Shipping/Receiving	Phone:		E-Mark	and an angual or the party	State of Origin		Page	
Company:			one.oc	sue scraiergue euroiinsus com	Michigan		Page 1 of 1	
Eurofins Lancaster Laboratories Environm			A A	Accreditations Required (See note):			Job #: 190.32334.1	
Address: 2425 New Holland Pike,	Due Date Requested: 8/15/2023			Analys	Analysis Reguested		Preservation Codes:	
Chr. Lancaster	TAT Requested (days):							XTE XTE
State, Zp.: PA, 1760†						er Araba	C - Zn Acetete D - Nitro Acid P - Net	P - Ne2O4S P - Ne2SO3
Prone: 717-856-2300(Tel)	POF		[भग				25203 504
Erzeit.	WOW		OF No				H-Assocbic Acid U-Acatome	etone
Project Name: Republic Industrial and Energy Solutions- F039	Project #: 19001517		***() *			erenia)		W-pH 4.5 Y-Itzme 7. other (energy)
: Web	SSOW#.		Igms			noo l	Other:	
			E beneville bie	e_q_oessiace		tel Mumber o		
Complete Commission - Change ID (Lab ID)	Sample Date Ti	Time Gagnab)	STOTAGE LOAD	_		ot)	Special instructions/Note:	ons/Note:
F039 July 2023 Composite (190-32334-1)	8/2/23 Eav	Eastern	Water	 		X •		
		-						
								Michaele e

	:							
Note: Since laboratory accreditations are subject to change. Eurofus Environment Testing North Central, LLC places the connectation completed upon our subcentral laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not camerally in the State of Origin state above for stably safestation shapes analyzed, the samples must be shipped back to the Eurofus Environment Testing North Central, LLC aboratory or other instructions will be provided. Any charges the accreditation status should be brought to Eurofus Environment Testing North Central, LLC afterdor inmediately. If all requires the accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofus Environment Testing North Central.	nent Testing North Central, LI above for analysis/lests/matr th Central, LLC attention inten	C places the owners to being analyzed, the ediately. If all reques	thip of method, analyte se samples must be saled accreditations and	e & accreditation compilance upon apped back to the Eurofins Environ current to date, return the signed (our subcontract laboratoric ment Testing North Centra Zhain of Custody stresting	se. This sample ships if, LLC laboratory or o to said compliance to	ent is forwarded under chein ther instructions will be provid Eurolfins Erwirorment Testin	Hof-custody. If the Med. Any changes g North Central.
Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	y be assessed if sa	mpies are retain	d longer than 1 month	1
Unconfirmed				Return To Client	Disposal By Lab	The For	A For Mor	Months
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	tank: 2		Special Instructions/QC Requirements:	irements:			
Empty Kit Relinquished by:	Date:		Time:	ē:	Method of Shipment:	Shipment:		
Reinquished by MARTS	15/2/23	16:20	Company	Recaived by:		Date/Time:	Company	any
וותני אליניסין אבלי דון.	Oates/Terre:/		Company	Received by:		Dete/Time;	Company	4
Relinquished by:	Date/Time;	-	Company	Received by		n. A. Thank		



Custody Seals Intact: Custody Scal No.:

Page 14 of 14

Ver. 06/08/2021 8/24/2023

Page 10:24



September 13, 2023

Mr. Andrew Greenhagen United States Environmental Protection Agency Region 5 (WU-16J) 77 West Jackson Blvd. Chicago, Illinois 60604

Re: RIES Monthly Report - F039 Finalized Analysis

Dear Mr. Greenhagen:

Republic Industrial and Energy Solutions, LLC (RIES) submitted the hundred and thirtieth Report ("MR") dated August 10, 2023 and in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011). In the August 10, 2023 report, the analysis for the F039 was submitted as a preliminary report due to the laboratory not having the dioxin analysis available at the time that the report was due for submission. The finalized F039 analytical was received on September 12, 2023 and is hereby submitted as an attachment to this letter. Please remove the "F039 Analysis" from the August 10, 2023 report and replace it with the attached "F039 Analysis".

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.

If you have any questions or comments, please feel free to contact us.

Sincerely,

John C. Barta

cc: Tabetha Peebles (Republic Services)
John Frost (Republic Services)

F039 Analysis



ANALYTICAL REPORT

PREPARED FOR

Attn: Tabetha Peebles Republic Industrial and Energy Solutions 28470 Citrin Dr Romulus, Michigan 48174

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JOB DESCRIPTION

Republic Industrial and Energy Solutions- F039

JOB NUMBER

190-32334-1

Eurofins Michigan 10448 Citation Drive Suite 200 Brighton MI 48116

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Eurofins Michigan

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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Authorized for release by Sue Schafer, Project Manager II Sue.Schafer@et.eurofinsus.com (810)229-2763

Sue Schäfer

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Sample Summary

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Job ID: 190-32334-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
190-32334-1	F039 July 2023 Composite	Water	08/02/23 00:00	08/02/23 16:00

3

Case Narrative

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Job ID: 190-32334

Job ID: 190-32334-1

Laboratory: Eurofins Michigan

Narrative

Job Narrative 190-32334-1

Receipt

The sample was received on 8/2/2023 4:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.4°C

GC/MS Semi VOA

Method 8270E: The following sample was diluted due to the nature of the sample matrix: F039 July 2023 Composite (190-32334-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

Method 8081B: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS), associated with preparation batch 240-582889 and analytical batch 240-583187. Percent recoveries are based on the amount spiked. A dilution was needed to bring the analytes within calibration range.

Method 8081B: Internal standard (ISTD) response for the following sample exceeded the control limit on Column CLP-2 0.32mm ID: F039 July 2023 Composite (190-32334-1). As such, the sample results associated with this ISTD were reported from the other column, which met ISTD acceptance criteria.

Method 8081B: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: F039 July 2023 Composite (190-32334-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Dioxin

Method 8290A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: F039 July 2023 Composite (190-32334-1). The reporting limits (RLs) have been adjusted proportionately.

Method 8290A: The bracketing continuing calibration verification (CCV) associated with batch 410-416883 has analytes with percent difference values that are between the method criteria of 30% to 35% deviation from the initial calibration curve. Per method guidelines, an average relative response factor (RRF) is calculated from the bracketing CCV and is used to quantitate the Isotope Dilution Analyte (IDA) recovery in the associated samples.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Client Sample ID: F039 July 2023 Composite

Date Collected: 08/02/23 00:00 Date Received: 08/02/23 16:00 Lab Sample ID: 190-32334-1

Matrix: Water

Job ID: 190-32334-1

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<50		50		ug/L		08/04/23 08:34	08/07/23 19:02	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	41		31 - 140				08/04/23 08:34	08/07/23 19:02	50
Phenol-d5 (Surr)	24		18 - 120				08/04/23 08:34	08/07/23 19:02	50
Nitrobenzene-d5 (Surr)	93		13 - 120				08/04/23 08:34	08/07/23 19:02	50
2-Fluorophenol (Surr)	29		12 - 120				08/04/23 08:34	08/07/23 19:02	50
2-Fluorobiphenyl (Surr)	66		23 - 120				08/04/23 08:34	08/07/23 19:02	50
2,4,6-Tribromophenol (Surr)	64		10 - 126				08/04/23 08:34	08/07/23 19:02	50
- Method: SW846 8081B - Organoc	hlorine Pestic	ides (GC)							
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<1.0		1.0		ug/L		08/04/23 09:02	08/08/23 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl							08/04/23 09:02	08/08/23 12:48	
оов ресастотоприету	44		10 - 145				08/04/23 09:02	00/00/23 12.40	
Tetrachloro-m-xylene	92		10 145 10 123				08/04/23 09:02	08/08/23 12:48	1
· •	92 and Furans (H	RGC/HR M S) Qualifier		MDL	Unit	D			
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a	92 and Furans (H	,	10 - 123	MDL	Unit pg/L.	<u>D</u>	08/04/23 09:02	08/08/23 12:48	1
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a	92 and Furans (Hi Result	,	10 ₋ 123	MDL		<u>D</u>	08/04/23 09:02 Prepared	08/08/23 12:48 Analyzed	1 DII Fac
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD	92 and Furans (H	,	10 ₋ 123	MDL	pg/L	<u>D</u>	08/04/23 09:02 Prepared	08/08/23 12:48 Analyzed	1 DII Fac
Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi	92 and Furans (H Result <250	,	10 - 123 RL 250	MDL	pg/L pg/L pg/L	<u>D</u>	08/04/23 09:02 Prepared 09/06/23 22:35	08/08/23 12:48 Analyzed 09/07/23 21:28	DII Fac
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD	92 and Furans (H	,	10 - 123 RL 250	MDL	pg/L	<u>D</u>	08/04/23 09:02 Prepared 09/06/23 22:35	08/08/23 12:48 Analyzed 09/07/23 21:28	DII Fac
Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof	92 and Furans (Hi Result <250 <250 <250	,	10 - 123 RL 250 250 250	MDL	pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28	DII Fac 1 1 1 1
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof uran 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d	92 and Furans (Hi Result <250 <250 <250 1200	,	RL	MDL	pg/L pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28	DII Fac
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof uran 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d ioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	92 and Furans (Hi Result <250 <250 <250 1200 <1100	,	RL	MDL	pg/L pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28	DII Fac
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof uran 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) Isotope Dilution	92 and Furans (Hi Result <250 <250 <250 1200 <1100 <50	Qualifier	250 250 250 500 1100	MDL	pg/L pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28	DII Fac
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof uran 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin ioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) Isotope Dilution 13C-1,2,3,4,7,8-HxCDD	92 and Furans (H Result <250 <250 <250 1200 <1100 <50 %Recovery	Qualifier	10 - 123 RL 250 250 250 500 1100 50 Limits	MDL	pg/L pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28	Dil Fac 1 1 1 1 1 Dil Fac
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof uran 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (TCDD) Isotope Dilution 13C-1,2,3,4,7,8-HxCDD 13C-1,2,3,6,7,8-HxCDD	92 and Furans (H Result <250 <250 <250 1200 <1100 <50 %Recovery 93	Qualifier	RL 250 250 500 1100 50 Limits 40 - 135	MDL	pg/L pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 Prepared 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28	Dil Fac 1 1 1 1 1 1 Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof uran 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (TCDD) Isotope Dilution 13C-1,2,3,4,7,8-HxCDD 13C-1,2,3,6,7,8,9-HxCDD 13C-1,2,3,7,8,9-HxCDD	92 and Furans (H Result <250 <250 <250 1200 <1100 <50 %Recovery 93 92	Qualifier	10 - 123 RL 250 250 250 500 1100 50 Limits 40 - 135 40 - 135	MDL	pg/L pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 Prepared 09/06/23 22:35 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28	Dil Fac 1 1 1 1 1 1 Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1
Tetrachloro-m-xylene Method: SW846 8290A - Dioxins a Analyte 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi n 1,2,3,4,7,8-HxCDD 1,2,3,4,6,7,8,9-Octachlorodibenzof uran 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin 2,3,7,8-tetrachlorodibenzo-p-dioxin	92 and Furans (H Result <250 <250 <250 1200 <1100 <50 %Recovery 93 92 96	Qualifier	RL 250 250 250 500 1100 50 Limits 40 - 135 40 - 135	MDL	pg/L pg/L pg/L pg/L	<u>D</u>	Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35 Prepared 09/06/23 22:35 09/06/23 22:35 09/06/23 22:35	Analyzed 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 09/07/23 21:28 Analyzed 09/07/23 21:28 09/07/23 21:28	Dil Fac 1 1 1 1 1 Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1

Job ID: 190-32334-1

QC Sample Results

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-582873/21-A Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA Analysis Batch: 583005 Prep Batch: 582873

	IND	IAID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0	ug/L		08/04/23 08:34	08/06/23 10:55	1
	MB	MB						

	MB MB				
Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	93	31 - 140	08/04/23 08:34	08/06/23 10:55	1
Phenol-d5 (Surr)	35	18 - 120	08/04/23 08:34	08/06/23 10:55	1
Nitrobenzene-d5 (Surr)	70	13 - 120	08/04/23 08:34	08/06/23 10:55	1
2-Fluorophenol (Surr)	50	12 - 120	08/04/23 08:34	08/06/23 10:55	1
2-Fluorobiphenyl (Surr)	76	23 - 120	08/04/23 08:34	08/06/23 10:55	1
2,4,6-Tribromophenol (Surr)	78	10 - 126	08/04/23 08:34	08/06/23 10:55	1

Lab Sample ID: LCS 240-582873/22-AClient Sample ID: Lab Control SampleMatrix: WaterPrep Type: Total/NA

Analysis Batch: 583005 Prep Batch: 582873

	Spike	LCS	LCS		%Re	∌C
Analyte	Added	Result	Qualifier Unit	D	%Rec Limi	its
Nitrosodimethylamine	20.0	6.45	ug/L		32 10 - 1	120

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Terphenyl-d14 (Surr)	95		31 - 140
Phenol-d5 (Surr)	39		18 120
Nitrobenzene-d5 (Surr)	82		13 - 120
2-Fluorophenol (Surr)	57		12 - 120
2-Fluorobiphenyl (Surr)	84		23 - 120
2,4,6-Tribromophenol (Surr)	104		10 - 126

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-582889/6-A	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 583187	Prep Batch: 582889

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050	- ug/l		08/04/23 00:02	00/00/22 12:06	1

				-			
	MB	MB					
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99	p	10 - 145		08/04/23 09:02	08/08/23 13:06	
Tetrachloro-m-xvlene	67		10 123		08/04/22 00:02	09/09/22 12:06	4

Lab Sample ID: LCS 240-582889/7-A			Client Sample ID: Lab Control Sample
Matrix: Water			Prep Type: Total/NA
Analysis Batch: 583187			Prep Batch: 582889
	Spike	LCS LCS	%Rec

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Aldrin	1.00	0.899		ug/L		90	26 - 120	

	Aldrin			1.00	0.899	ug/L	90	26 - 120	
		LCS	LCS						
-	Surrogate	%Recovery	Qualifier	Limits					
1	DCB Decachlorobiphenyl	89		10 - 145					

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Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 240-582889/7-A

Matrix: Water

Analysis Batch: 583187

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 582889

LCS LCS

Surrogate %Recovery Qualifier Tetrachloro-m-xylene

66

Limits 10 .. 123

Method: 8290A - Dioxins and Furans (HRGC/HRMS)

Lab Sample ID: MB 410-416696/1-A

Matrix: Water

Analysis Batch: 416883

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 416696

мв мв Result Qualifier RL MDL Unit Dil Fac Analyte Prepared Analyzed 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi <25 25 pg/L 09/06/23 22:35 09/07/23 20:34 1,2,3,4,7,8-HxCDD <25 25 pg/L 09/06/23 22:35 09/07/23 20:34 1,2,3,6,7,8-HxCDD <25 25 pg/L 09/06/23 22:35 09/07/23 20:34 1,2,3,4,6,7,8,9-Octachlorodibenzofura <50 50 pg/L 09/06/23 22:35 09/07/23 20:34 <110 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d 110 pg/L 09/06/23 22:35 09/07/23 20:34 2,3,7,8-tetrachlorodibenzo-p-dioxin <5.0 5.0 pg/L 09/06/23 22:35 09/07/23 20:34 (TCDD)

Isotope Dilution	%Recovery Qualif	ier Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	65	40 - 135	09/06/23 22:35	09/07/23 20:34	
13C-1,2,3,6,7,8-HxCDD	64	40 - 135	09/06/23 22:35	09/07/23 20:34	1
13C-1,2,3,7,8,9-HxCDD	67	40 - 135	09/06/23 22:35	09/07/23 20:34	. 1
13C-OCDD	62	40 - 135	09/06/23 22:35	09/07/23 20:34	1
13C-OCDF	62	40 - 135	09/06/23 22:35	09/07/23 20:34	1
13C-2,3,7,8-TCDD	61	40 - 135	09/06/23 22:35	09/07/23 20:34	1

Lab Sample ID: LCS 410-416696/2-A

Matrix: Water

Analysis Batch: 416883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 416696

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,2,3,7,8,9-Hexachlorodibenzo-p -dioxin	1000	900		pg/L		90	56 _ 139	
1,2,3,4,7,8-HxCDD	1000	904		pg/L		90	58 - 139	
1,2,3,6,7,8-HxCDD	1000	951		pg/L		95	57 ₋ 139	
1,2,3,4,6,7,8,9-Octachlorodibenz ofuran	2000	1750		pg/L		87	29 _ 154	
1,2,3,4,6,7,8,9-Octachlorodibenz o-p-dioxin	2000	1750		pg/L		87	27 - 156	
2,3,7,8-tetrachlorodibenzo-p-dio xin (TCDD)	200	181		pg/L		90	51 - 163	

LCS LCS

Isotope Dilution	%Recovery	Qualifier	Limits
13C-1,2,3,4,7,8-HxCDD	80		40 - 135
13C-1,2,3,6,7,8-HxCDD	75		40 - 135
13C-1,2,3,7,8,9-HxCDD	83		40 - 135
13C-OCDD	75		40 _ 135
13C-OCDF	72		40 - 135
_13C-2,3,7,8-TCDD	86		40 - 135

Eurofins Michigan

Job ID: 190-32334-1

Definitions/Glossary

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Qualifiers

GC Semi VO	١
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Qualifier Description

The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

MDA

These commonly used abbreviations may or may not be present in this report.
Listed under the "D" column to designate that the result is reported on a dry weight basis
Percent Recovery
Contains Free Liquid
Colony Forming Unit
Contains No Free Liquid
Duplicate Error Ratio (normalized absolute difference)
Dilution Factor
Detection Limit (DoD/DOE)
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
Decision Level Concentration (Radiochemistry)
Estimated Detection Limit (Dioxin)
Limit of Detection (DoD/DOE)
Limit of Quantitation (DoD/DOE)
EPA recommended "Maximum Contaminant Level"

MDC Minimum Detectable Concentration (Radiochemistry)
MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Minimum Detectable Activity (Radiochemistry)

NEG Negative / Absent
POS Positive / Present
POI Practical Quantitation

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

10448 Citation Drive Suite 200 MICHIGA Brighton, MI 48116 Phone: 810-229-2763 Fax: 810-229-0000 190	JA: Chain of Custody Record	Ĭ	CHIGAN 190	seurofins Environment Testing
nation	Sampler Hawking Lab PM: Schafer, Sue		Carrier Tracking No(s):	COC No: 190-39123-2896.1
Client Contact Trick Seave John Frost		et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Republic Industrial and Energy Solutions	PWSID:	Analysis Requested	sted	Job #:
Address: 28470 Citrin Dr	Due Date Requested:			Preservation Codes:
City: Romulus	TAT Requested (days):			A - HCL N- None B - NaOH O - AsNaO2 C - Zn Acetate
State, Zip. MI, 48174	Compilance Project: A Yes A No			
Phone: 313-347-132B(Tel)	PO# 30049877C (2022)			G - Amethor S - H2SO4 G - Amethor T - TSP Dodecahydrate
Email: rsauve@republicservices.com	or Ne		8	I - Ice J - Di Water
	5€ ∀) €		19ule3	K · EDTA Y · Trizma L · EDA Z · other (specify)
	dms		of con	Other:
	Sample Matrix ed (Wavater, Ed Sample (C=Comp.) overstein, ed Ed	Mico modre 307 - Aldrin Anha - Als anixold - A06	Tedmuk let	
Sample Identification		08 Z	o1 >	Special Instructions/Note:
F339 5.1. 2022 Care	1. 8/1/22 C water	1		
	_			
			Total Control	
		190-32334 Chain of Circles	O Clistodi	
			- Constant	1
Possible Hazard Identification Non-Hazard	Poison B Unknown Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Month	assessed if samples are retain	tained longer than 1 month) Archive For
ssted: 1, II, III, IV, Other (specify)		Requirement		
	Date: Time:		Method of Shipment:	
Relinquithed by:	Company (Company)	Received by: R.	Date/Time:	1305)
Relindusted by:	2012 1323 My Cod	E ETH Received by Received by	S 8223	16; 00 Company
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

0				
	,	-	١	
	L		J	

Cooler / Sample Receipt After hours receipt: complete gray areas. Place cooler in walk-in, place form in Receiving box. Date: Time:	☐ Discrepa	ncies Id 24 Hr	് 2-D:	CI Wav∏3-Dav ∏5-	upplied by Client lient ID: <u>kapble</u> fork Oder #: <u>/3 2</u> Day Other: Date:8/2 Time: _	354
Method of Shipment: Walk-In Client Eurofins TA Field Co Other Client / 3 rd Party Courier: Fed Ex Tracking #: UPS Tracking #: Other:	urier GC GN Pa GN GN GN GN GN GN GN G	ooler one cking lastic B ubble W acking I	□Box □Othe Materi ags □ I /rap □ I Peanuts	r:	Custody Seals Intac Yes No NA (not used or requ bolling Materials: Lee (Solid) Ice (Mell Blue Ice None Other:	ired) ted)
Bacteriological Temp Corrected (°C) Samples	Yes	r No		s No	Yes No	
Thermometer ID Observed (°C) Corrected (°C)		المستورين المستورين المستورين	<u> </u>	YN YN		v
Receipt Questions**		Y 1	NA I		equire additional commer	
CoC present and ETA receipt signature, date, and documented? Containers and Labels in good condition? (unbroke		1	4	30 Sample	e time on B	
appropriately filled, labels legible & attached) Appropriate containers used and adequate volume	provided?	$\frac{1}{2}$		Preserved bottles	checked for pH?* Yes/N	lo
Number of sample containers match CoC?	provided:	1		pH strip lot #		
Samples received within hold?						
Samples submitted for GRO and Volatiles analysis 524) received without headspace?	(8260, 624,		i/	,		<u> </u>
Was a Trip Blank received with VOA samples?			من إ			
Were the samples free of any questionable physica conformities? (i.e.; field duplicates or multiple bottle sample do not significantly vary in appearance – co proportions, etc.)	s of the same lor, solid					
Were the CoC bottle labels and all other items free discrepancies or issues that would need to be address the Project Manager and/or Client?	of all other essed with				•	
**May not be applicable if samples are not for comp	liance testing			*Excludes FOG, \	/OAs, TOC Vials, HEM	
Client Contact Record Contact Via: Phone Email Other: Discrepancy allowance agreen Discussion / Resolution	Persor	n Conta	cted: _ client	project file	Date/Time:	
Any additional documentation and clarification directory. Reviewed by	from the client				and/or scanned into the o	CoC .

Eurofins Michigan 1048 Citation Drive Suite 200 Brighton, Mt 48116 Phone: 813,229-2763 Fax: 810-229-0000

0-5 hd Chain of Custody Record

Seurofins Environment Testing

Client Information (Sub Contract Lab)	Callpial		Schafer, Sue	Sue			Carner (racking No(s)	og No(s)		COC No: 190-36858.1	
Ckent Contact Shipping/Receiving	Phone		E-Mari	afor@o!	E-Mail Sue Schafer@et eurofosus com	E00.5	State of Origin.	٠		Page: Page 1 of 1	
Company:			100.000		Armediatore Bareirad (See note)	See note:	and and			- and - and -	
Eurofins Environment Testing North Centr			3	90tB30H3	radouer	See note).				Job # 190-32334-1	
Address: 180 S. Van Buren Avenue, ,	Due Date Requested: 8/15/2023					Analysis Requested	equested			Preservation Codes:	des: M - Hexane
Criy. Barberton Sarle. Zio	TAT Requested (days):									A - HCL B - NaOH C - Zn Acetate D - Ninc Acid	N - None O - AsnaO2 P - Na2O4S
OH, 44203	7 00									E · NaHSO4	Q - Na2SO3 R - Na2S2O3
Prove. 330-497-9396(Tel) 330-497-0772(Fax)	#Od		(0							G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahydrate
Email	, MO #		M 10 8	(on	ytamin					i · koe J - Di Water	U - Acetone V - MCAA W - pH 4-5
Project Name: Republic Industrial and Energy Solutions- F039	Project # 19001517		9人) 6)	JO 80	themi				enist	K - EDTA L - EDA	Y - Trizma Z - other (specify)
Site:	SSOW#		qms2		ровол				100 10	Other:	
Sample identification . Client 10 /1 sh 10)	Sample Sample Deta	Sample Type (C=comp,	Matrix (************************************	erform MS/M	210E/3810C NI				otal Number	E	33
		Preserva	₹ .	٠	8			+	1	Special in	Special instructions/Note:
F039 July 2023 Composite (190-32334-1)	8/2/23 Eastern		Water	×	×			-	4		
					-			<u> </u>			
					-			-			
				lacksquare	_			 			
					-			<u> </u>		,	
									:		
Note: Since laboratory accreditations are subject to change, Eurofins Environme	ent Testing North Central, LLC	places the ownership o	f method enak		- diadion con	a modern acceptance			- Along	or freezents	Applications of the state of th
Blooratory does not currently maintain accreditation in the State of Origin istad above for analysialisestamatrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.	above for enalysis/lests/matrix t i Central, LLC attention immedi	zeing analyzed, the sar ately. If all requested a	riples must be s	hipped be current t	odate, retu	rofins Environment m the signed Chair	Testing North Ce of Custody attest	ntrat, LLC tab	oratory or o mpliance to	ther instructions will be Eurofins Environme	be provided. Any changes ont Testing North Central,
Possible Hazard Identification				Sample	Disposa	I (A fee may b	assessed H	samples a	re retain	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	f month)
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	nk: 2		Special	Return To Client al Instructions/QC	Requir	Disposal By Lab ements:		Archive For	ve For	Months
Empty Kit Relinquished by:	Date:		Time	ر يو			Method	Method of Shipment			
Reinquistred by	Detacline	() - ()	$\int \hat{\Gamma}$		Received by		, c	Datedene	ا ط		1
Reinquishad by.	Date/Time / C.S.		Company 1	Rece	Received by:	*	2	Date/Time	5	202	Company
Retinquished by:	DateЛіте	Co	Company	R. 80	Received by:	>	7	Date/Time			Company
Custody Seals Intact: Custody Seal No.:				80	н Тетрега	Cooler Temperature(s) °C and Other Remarks	r Remarks	_			
				\dashv							Ver: 06/08/2021

EuroGne Claustand Commits Descript Form Ale	watire	Y
Eurofins - Cleveland Sample Receipt Form/Na Barberton Facility/	Hauve	Login # :
/ T-/	Site Name	Cooler unpacked by:
6,000	Opened on 8.3.7	13 Jan 1010
	Client Drop Off Eurofins C	Courier Other
Receipt After-hours: Drop-off Date/Nime	Storage I	
	ent Cooler Box Othe	
Packing material used: Subble Wrap Foan		Other
	ry Ice Water None	
1. Cooler temperature upon receipt	☐ See Multipl	le Cooler Form
IR GUN # (CFO-l °C)	Observed Cooler Temp	°C Corrected Cooler Temp. 0°C
2. Were tamper/custody seals on the outside of the	cooler(s)? If Yes Ouantity	Va No
-Were the seals on the outside of the cooler(s)		Yes No NA Tests that are not checked for pH by
-Were tamper/custody seals on the bottle(s) or	bottle kits (LLHg/MeHg)?	Yes, No Receiving:
-Were tamper/custody seals intact and uncomp	romised?	Yes No NA
3. Shippers' packing slip attached to the cooler(s)?		Yes No VOAs Oil and Grease
4. Did custody papers accompany the sample(s)?		TOC TOC
5. Were the custody papers relinquished & signed in		Ye No.
6. Was/were the person(s) who collected the sample7. Did all bottles arrive in good condition (Unbroken)		C? Yes (No)
8. Could all bottle labels (ID/Date/Time) be reconcil		Yes No
9. For each sample, does the COC specify preservati		
10. Were correct bottle(s) used for the test(s) indicate		CS No
11. Sufficient quantity received to perform indicated	analyses?	No No
12. Are these work share samples and all listed on the		Yes No
If yes, Questions 13-17 have been checked at the		
13. Were all preserved sample(s) at the correct pH up	on receipt?	Yes No NA pH Strip Lot# HC312502
14. Were VOAs on the COC?15. Were air bubbles >6 mm in any VOA vials?	Larger than this.	Yes No NA
16. Was a VOA trip blank present in the cooler(s)?		
	- 1. p 2. m. 1	Yes No
•		
Contacted PM Date	by via `	Verbal Voice Mail Other
Concerning		
	F-1	
18. CHAIN OF CUSTODY & SAMPLE DISCRE	PANCIES	t page Samples processed by:
		
19. SAMPLE CONDITION		
Sample(s) wer	e received after the recommend	led holding time had expired.
Sample(s)	were	received in a broken container.
Sample(s)	were received with bubble	>6 mm in diameter. (Notify PM)
20. SAMPLE PRESERVATION		
-v. DAMILE PRESERVATION		
Sample(s)		were further preserved in the laboratory.
Sample(s) Preservative(s) added/	Lot number(s):	
VOA Sample Preservation - Date/Time VOAs Frozen	·	
		,

Eurofins Michigan

Phone: 810-229-2763 Fax: 810-229-0000 10448 Citation Drive Suite 200

Chain of Custody Record

Environment Testing

: eurofins

N - None
O - ANNBOZ
P - NAZOGS
Q - NAZSO3
R - NAZSO3
R - NAZSO3
T - TSP Dodecahydrate
U - Acetone
U - Acetone
W - PH 4.5
Y - Trizma Vote: Since laboratory accreditations are subject to change. Eurofins Environment Testing North Central, LLC places the ownership of method, analyse & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the aboratory does not currently maintain accreditation in the State of Orbit state above for analysis/lestinative being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody stresting to said compliance to Eurofins Environment Testing North Central, Special instructions/Note: Z - other (specify) Company Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Monti Preservation Codes: A-HCL B-NaOH C-Zn Acetate C-Zn Acetate E-NaH-SOF F-MoOH H-Ascorbic Acid H-Ascorbic Acid H-Ascorbic Acid H-Lice H-Lic H-L COC No: 190-36857.1 Job #: 190-32334-1 Page 1 of 1 Total Number of containers Date/Time: Method of Shipment: Carrier Tracking No(s) State of Origin: Michigan **Analysis Requested** Special Instructions/QC Requirements: E-Must Sue. Schafer@et eurofinsus.com |Accreditations Required (See note): eceived by: × seld toe(ord (OOM) qee_q_oess\A0ess Lab PM Schafer, Sue Perform MS/MSD (Yes or No) Ë Field Filtered Sample (Yes or No.) Preservation Code: Matrix (Water Type (C=comp, G=grab) Sample 6.8 Primary Deliverable Rank: 2 Sample Eastern Date: Due Date Requested: 8/15/2023 TAT Requested (days): Sample Date Project #. 19001517 8/2/23 Prone eliverable Requested: I, II, III, IV, Other (specify) Cliant Information (Sub Contract Lab) Republic Industrial and Energy Solutions- F039 Sample identification - Client ID (Lab ID) Eurolins Lancaster Laboratories Environm F039 July 2023 Composite (190-32334-1) ossible Hazard Identification Empty Kit Relinquished by: 2425 New Holland Pike, Shipping/Receiving 717-856-2300(Tel) Ad Devision of Inconfirmed State, Zip: PA, 17601 ancaster

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9/11/2023

Ver. 06/08/2021

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42:01

ET/DIRO

Coole Tota Sentrals Found Coper Remark

Oate/Time:

eceived by: Received by:

Company

Date/Time:



Custody Seal No.

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Isotope Dilution Summary

Client: Republic Industrial and Energy Solutions

Project/Site: Republic Industrial and Energy Solutions- F039

Job ID: 190-32334-1

Method: 8290A - Dioxins and Furans (HRGC/HRMS)

Matrix: Water Prep Type: Total/NA

		Percent isotope Dilution Recovery (Acceptance Limits)					
		HxCDD	HxDD	13CHxCD	OCDD	OCDF	TCDD
Lab Sample ID	Client Sample ID	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)
190-32334-1	F039 July 2023 Composite	93	92	96	95	91	100
LCS 410-416696/2-A	Lab Control Sample	80	75	83	75	72	86
MB 410-416696/1-A	Method Blank	65	64	67	62	62	61

Surrogate Legend

HxCDD = 13C-1,2,3,4,7,8-HxCDD HxDD = 13C-1,2,3,6,7,8-HxCDD 13CHxCD = 13C-1,2,3,7,8,9-HxCDD

OCDD = 13C-OCDD OCDF = 13C-OCDF

TCDD = 13C-2,3,7,8-TCDD