

Sustainability in Action

November 26, 2024

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

Re: RIES Monthly Report - October 2024

Dear Mr. Greenhagen:

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

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 at (734) 946-1000.

Sincerely,

John Frost

Ops Manager ES • Field Operations Leadership

cc: Sylwia Scott (Republic Services)
James Mackinnon (Republic Services)
Andrew McBride (Republic Services)

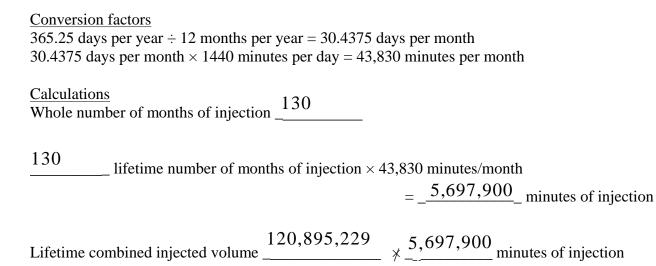


Calculation of Average Injection Rate

CURRENT REPORTING YEAR	2024
CURRENT REPORTING MONTH	October _
Date (month, year) of the first injecti	on into either well at the Citrin Road Facility
November 2013	

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected	
MI	-163-1W-C010, v	Well #1-12		
Current Month	867,417	47,597	915,014	
Since facility first injected			69,200,831	
MI	-163-1W-C011, v	Vell #2-12		
Current Month	739,813	40,595	780,408	
Since facility first injected			51,694,398	
		Lifetime Combined	120,895,229	



= ____ 21.22 gpm average injection rate





					Injectio	n Well 1, Octob	er 2024					
	Injection Pr	essure (psig)	Annulus Tan	k Level (inch)	Annulus Pro	essure (psig)	Inject	ion pH	Flow Ra	ate (gpm)	Differential P	ressure (psig)
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10/1/2024	-9.1	583.1	13.0	13.0	574.1	916.6	0.5	7.0	0.0	103.8	273.3	718.1
10/2/2024	-8.4	588.5	13.0	13.0	565.0	849.5	1.0	8.7	0.0	82.9	214.3	682.6
10/3/2024	-1.9	562.3	12.9	13.1	532.5	832.0	0.7	8.4	0.0	76.8	267.4	658.3
10/4/2024	-7.8	591.6	12.5	13.0	563.5	908.6	1.0	6.6	0.0	91.4	201.7	646.2
10/5/2024	60.2	66.4	12.5	12.6	622.7	661.3	6.5	6.6	0.0	0.0	562.4	594.9
10/6/2024	57.2	60.5	12.5	12.6	611.1	623.5	6.4	6.5	0.0	0.0	553.6	563.3
10/7/2024	-7.5	567.3	12.5	12.5	592.7	848.2	0.4	6.5	0.0	129.4	269.7	690.3
10/8/2024	-9.1	591.3	12.4	12.5	577.0	916.1	0.4	7.0	0.0	77.0	315.3	669.9
10/9/2024	-3.6	595.8	12.4	12.5	613.3	890.2	0.7	7.0	0.0	78.0	287.5	631.0
10/10/2024	-8.1	569.4	12.4	12.5	568.8	820.7	0.5	6.2	0.0	85.0	246.3	632.5
10/11/2024	-7.5	603.3	12.4	12.6	568.1	940.5	0.8	6.8	0.0	81.4	326.8	810.8
10/12/2024	116.9	136.9	12.5	12.5	612.8	704.6	6.7	6.8	0.0	0.0	495.9	567.9
10/13/2024	112.1	117.0	12.4	12.5	598.6	613.3	6.8	6.8	0.0	0.0	486.3	496.5
10/14/2024	-8.8	580.6	12.4	12.5	563.7	874.0	1.3	6.9	0.0	78.0	213.3	614.8
10/15/2024	-5.5	647.1	11.4	12.4	544.9	1,085.0	2.1	7.1	0.0	76.7	188.8	711.7
10/16/2024	-8.2	639.2	11.4	11.5	760.3	1,070.4	2.2	9.2	0.0	77.0	405.8	800.6
10/17/2024	-5.8	621.4	11.4	11.5	778.0	1076.2	1.4	10.3	0.0	78.0	429.8	818.6
10/18/2024	-5.5	642.7	11.4	11.5	763.4	1099.8	0.0	10.3	0.0	77.1	430.2	820.6
10/19/2024	124.8	141.6	11.4	11.5	796.8	835.4	6.8	6.9	0.0	0.0	671.7	694.2
10/20/2024	118.7	124.9	11.4	11.5	785.2	797.5	6.8	6.9	0.0	0.0	666.4	672.9
10/21/2024	-6.1	624.8	11.4	11.5	755.4	1,084.1	0.9	11.3	0.0	95.6	438.8	809.7
10/22/2024	0.4	641.3	11.4	11.6	800.2	1,162.8	1.0	7.0	0.0	98.5	423.8	870.9
10/23/2024	-4.3	632.7	11.5	11.6	802.0	1,087.7	0.0	6.8	0.0	79.5	449.7	870.7
10/24/2024	0.8	650.9	11.4	11.5	780.1	1,045.7	1.1	6.6	0.0	77.8	394.3	818.6
10/25/2024	0.7	698.3	11.4	11.5	779.1	1087.4	0.9	9.1	0.0	77.4	350.2	807.4
10/26/2024	120.0	144.4	11.4	11.5	760.0	824.4	7.1	7.1	0.0	0.0	639.9	680.1
10/27/2024	112.8	120.1	11.3	11.4	746.3	760.9	7.1	7.2	0.0	0.0	633.4	641.1
10/28/2024	-2.6	694.9	11.3	11.5	740.3	1,051.2	0.0	7.1	0.0	77.0	305.6	779.6
10/29/2024	-2.8	612.5	11.4	11.5	714.0	1,050.6	0.0	7.0	0.0	77.5	379.2	804.2
10/30/2024	-4.4	664.7	11.5	11.6	751.0	1,115.2	0.0	9.6	0.0	76.6	421.3	888.1
10/31/2024	-6.8	636.9	11.5	11.6	734.8	1,084.3	0.0	7.1	0.0	76.5	425.8	863.8

Circle Chart Index

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

Chart Recorder #1

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #3

Channel #1

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

Channel #2

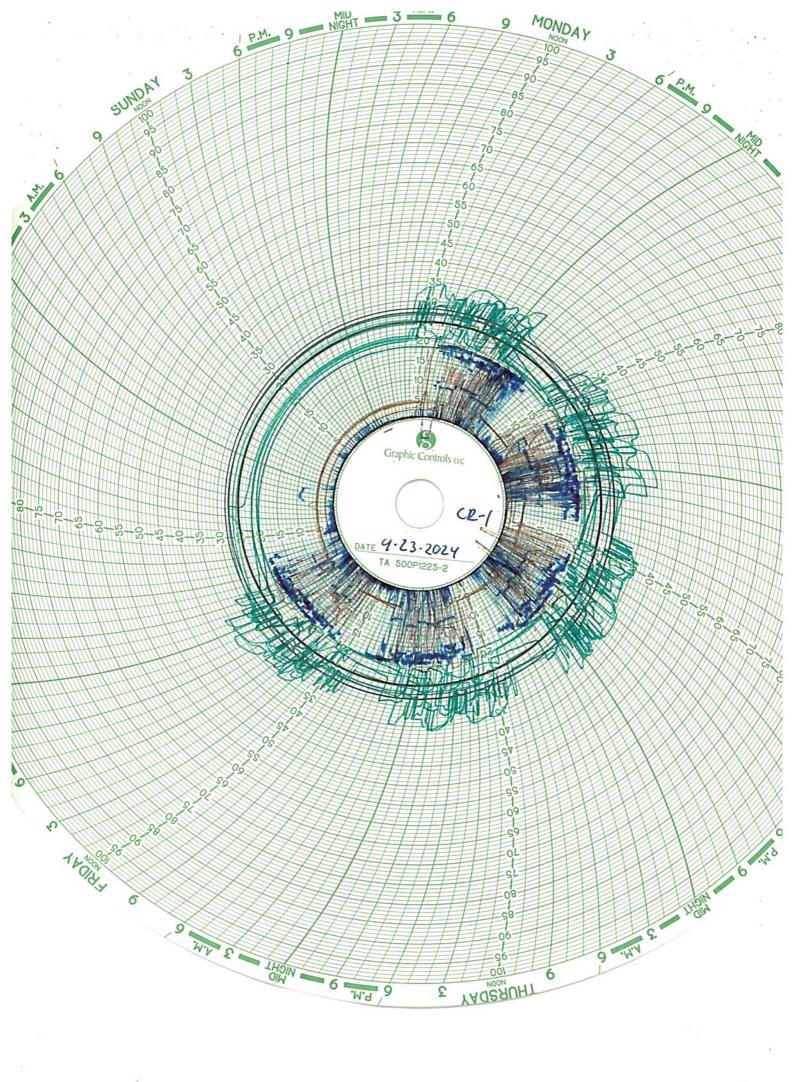
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

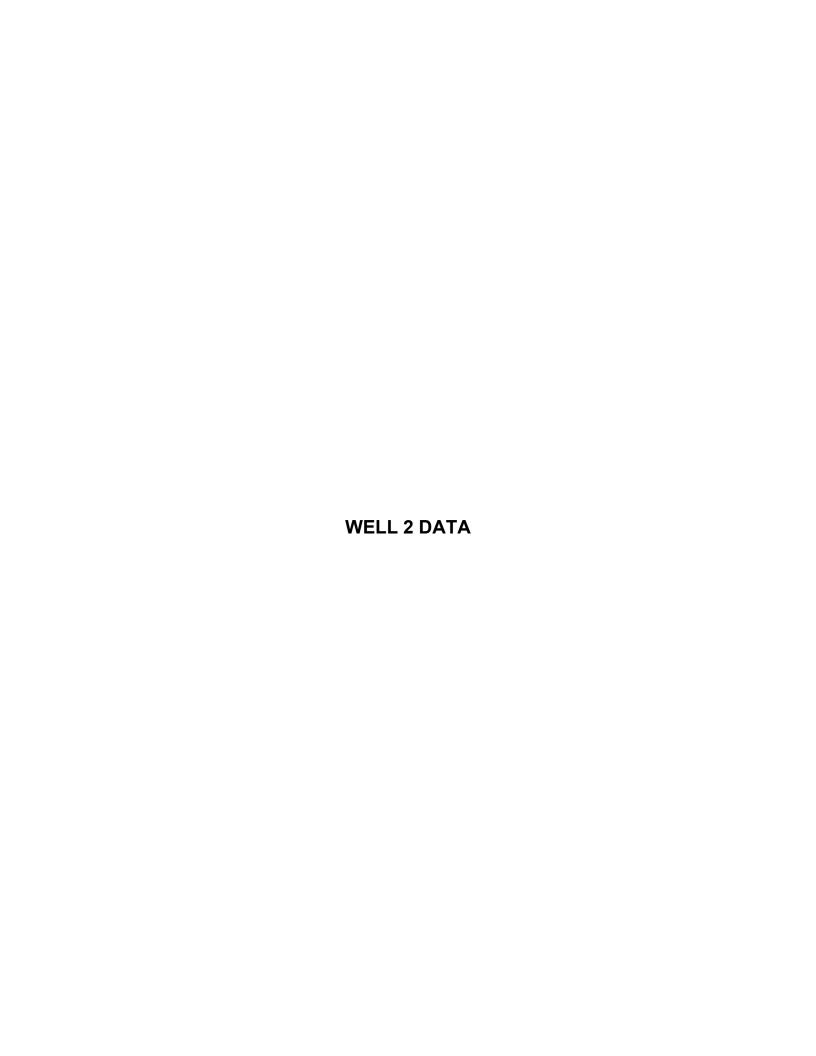
Channel #3

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

channel tm

Black Pen — Temperature (chart value x 0)







					Injectio	n Well 2, Octob	er 2024					
	Injection Pr	essure (psig)	Annulus Tar	k Level (inch)	Annulus Pro	essure (psig)	Inject	ion pH	Flow Ra	ate (gpm)	Differential P	ressure (psig)
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
10/1/2024	-13.7	644.7	28.8	28.9	666.9	1,042.4	0.5	7.0	0.0	75.9	342.3	808.5
10/2/2024	-13.9	654.8	28.8	28.9	665.2	981.8	1.0	8.7	0.0	76.0	278.4	782.1
10/3/2024	-5.7	623.5	28.7	28.8	634.1	963.8	0.7	8.4	0.0	76.0	340.2	759.5
10/4/2024	-13.3	649.5	28.7	28.8	664.2	939.8	1.0	6.6	0.0	75.9	274.9	746.6
10/5/2024	63.6	79.8	28.7	28.8	635.4	665.6	6.5	6.6	0.0	0.0	571.7	585.8
10/6/2024	58.2	63.9	28.7	28.8	628.3	635.7	6.4	6.5	0.0	0.0	569.7	572.2
10/7/2024	-9.2	637.1	28.7	28.8	608.0	885.7	0.4	6.5	0.0	78.0	238.1	696.5
10/8/2024	-11.5	656.5	28.7	28.8	594.7	959.2	0.4	7.0	0.0	108.8	287.6	677.5
10/9/2024	-1.7	661.8	28.7	28.8	636.2	935.7	0.6	7.0	0.0	76.7	266.3	642.3
10/10/2024	-11.2	633.4	28.6	28.7	594.3	865.6	0.5	6.2	0.0	77.2	229.5	652.4
10/11/2024	-9.9	634.5	28.6	28.8	589.7	1,067.6	0.8	6.8	0.0	75.6	365.2	938.7
10/12/2024	122.7	144.0	28.7	28.8	651.2	707.6	6.7	6.8	0.0	0.0	528.4	563.6
10/13/2024	114.3	122.9	28.6	28.7	641.6	651.5	6.8	6.8	0.0	0.0	526.7	528.9
10/14/2024	112.5	116.1	28.5	28.6	639.6	641.8	1.3	6.8	0.0	0.0	523.6	527.7
10/15/2024	-7.5	725.4	27.9	28.6	595.3	1,093.6	2.1	7.1	0.0	77.0	198.3	672.0
10/16/2024	-6.9	711.6	27.9	28.0	744.2	1,083.3	2.2	9.2	0.0	75.8	337.8	769.0
10/17/2024	-9.1	705.5	27.9	28.0	768.5	1,095.0	1.4	10.3	0.0	75.5	360.5	799.2
10/18/2024	-6.9	728.7	27.9	28.1	757.1	1,126.4	0.0	10.3	0.0	76.2	378.8	808.1
10/19/2024	133.8	165.8	27.9	28.0	805.3	838.2	6.8	6.9	0.0	0.0	669.5	672.6
10/20/2024	123.8	134.1	27.9	28.0	798.9	805.4	6.8	6.9	0.0	0.0	671.0	675.4
10/21/2024	-9.9	714.7	28.0	28.1	742.4	1,128.5	0.8	11.3	0.0	75.9	391.6	793.3
10/22/2024	6.1	734.2	28.0	28.2	812.6	1,219.1	1.0	7.0	0.0	76.2	390.4	851.5
10/23/2024	-8.4	707.3	28.1	28.2	814.3	1,117.9	0.0	6.8	0.0	75.4	403.4	875.5
10/24/2024	-3.8	727.1	28.0	28.1	806.7	1,094.7	1.1	6.6	0.0	76.6	367.6	830.0
10/25/2024	0.1	793.7	27.9	28.1	810.9	1,152.5	0.9	9.1	0.0	75.7	320.5	823.2
10/26/2024	130.6	190.3	27.9	28.0	801.9	865.6	7.1	7.1	0.0	0.0	670.5	676.7
10/27/2024	118.4	130.8	27.8	27.9	792.3	802.0	7.1	7.2	0.0	0.0	670.8	674.0
10/28/2024	-3.3	789.0	27.8	28.0	774.7	1,126.1	0.0	7.1	0.0	75.7	287.3	811.9
10/29/2024	-5.4	707.9	28.0	28.1	765.7	1,140.4	0.0	7.0	0.0	75.8	368.9	837.0
10/30/2024	-7.7	747.2	28.1	28.2	791.4	1,200.3	0.0	9.6	0.0	75.7	438.4	913.8
10/31/2024	-9.5	730.1	28.1	28.2	793.1	1177.0	0.0	7.1	0.0	76.6	436.3	911.7

Circle Chart Index

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

Chart Recorder #1

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #3

Channel #1

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

Channel #2

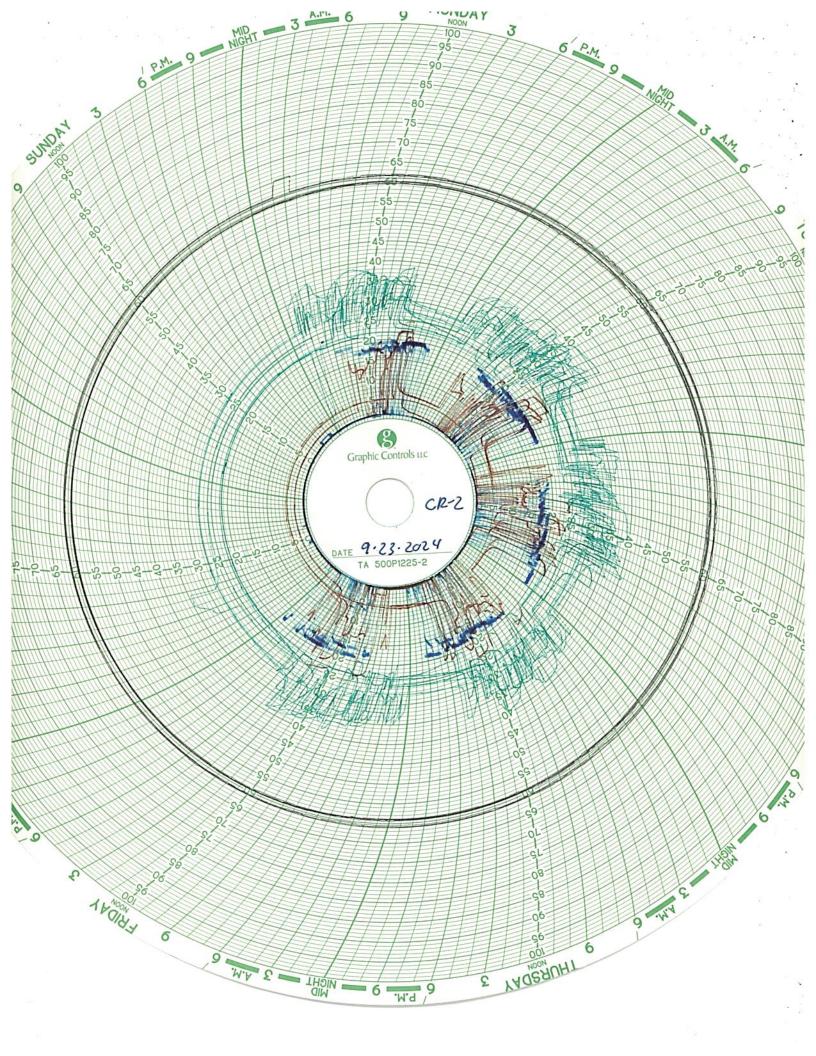
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

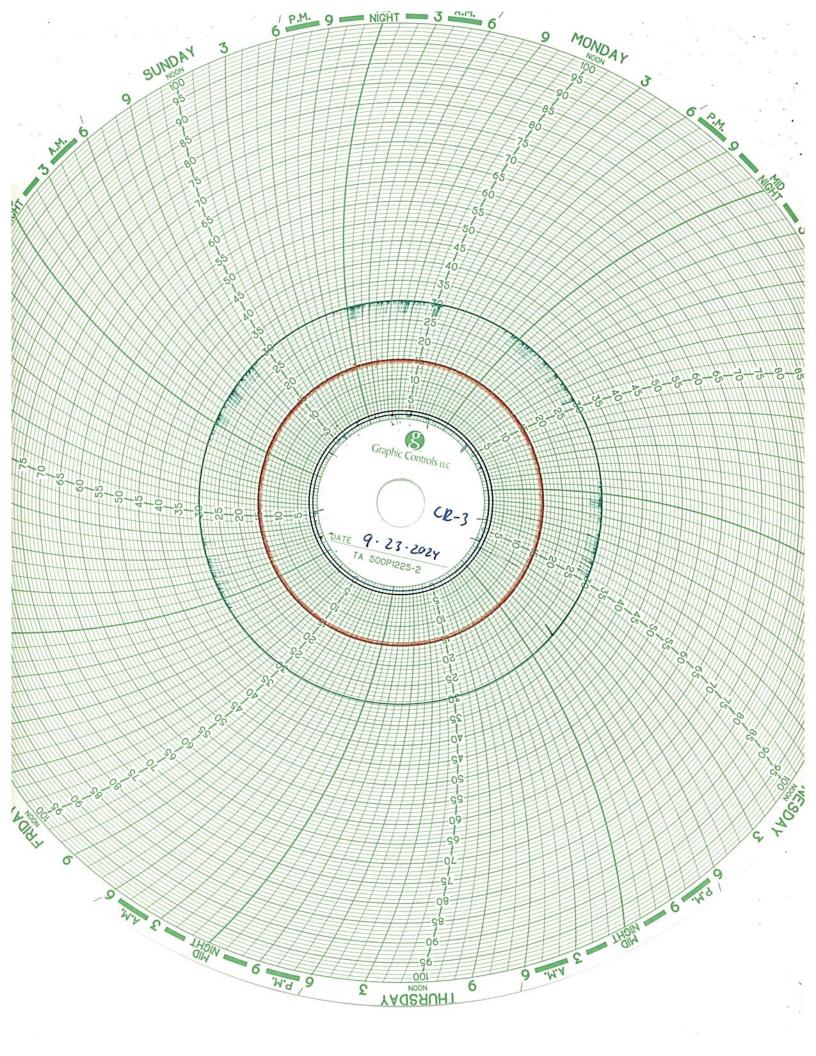
Channel #3

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

channel tm

Black Pen — Temperature (chart value x 0)









	WELL 1 ANNULUS SYSTEM, ADDITIONS AND REMOVALS October 2024							
Date:	Volume Added (gallons):	Volume Removed (gallons):	Composition:					
10/1/2024	-	-						
10/2/2024	-	-						
10/3/2024	-	-						
10/4/2024	-	-						
10/5/2024	-	-						
10/6/2024	-	-						
10/7/2024	-	-						
10/8/2024	-	-						
10/9/2024	-	-						
10/10/2024	-	-						
10/11/2024	-	-						
10/12/2024	-	-						
10/13/2024	-	-						
10/14/2024	-	-						
10/15/2024	-	-						
10/16/2024	-	-						
10/17/2024	-	-						
10/18/2024	-	-						
10/19/2024	-	-						
10/20/2024	-	-						
10/21/2024	-	-						
10/22/2024	-	-						
10/23/2024	-	-						
10/24/2024	-	-						
10/25/2024	-	-						
10/26/2024	-	-						
10/27/2024	-	-						
10/28/2024	-	-						
10/29/2024	-	-						
10/30/2024	-	-						
10/31/2024	-	-						

Cumulative Additions/Subtractions: 0



	ANNULUS SYSTEM, ADDITIONS AND REMOVALS LAST 12 MONTHS							
Month:	Volume Added (gallons):	Volume Removed (gallons):	Comments:					
Nov-23	-	-						
Dec-23	19	7	Diesel					
Jan-24	5	-	Diesel					
Feb-24	-	-						
Mar-24	-	-						
Apr-24	-	-						
May-24	-	-						
Jun-24	-	-						
Jul-24	40.4	-	Diesel					
Aug-24	-	-						
Sep-24	-	-						
Oct-24	-	-						

e Additions/Subtractions:	57.4
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WELL 2 ANNULUS SYSTEM, ADDITIONS AND REMOVALS October 2024								
Date:	Volume Added (gallons):	Volume Removed (gallons):	Composition:					
10/1/2024	-	•						
10/2/2024	-	-						
10/3/2024	-	-						
10/4/2024	-	1						
10/5/2024	-	-						
10/6/2024	-	-						
10/7/2024	-	-						
10/8/2024	-	1						
10/9/2024	-	-						
10/10/2024	-	-						
10/11/2024	-	-						
10/12/2024	-	•						
10/13/2024	-	-						
10/14/2024	-	-						
10/15/2024	-	-						
10/16/2024	-	-						
10/17/2024	-	-						
10/18/2024	-	-						
10/19/2024	-	-						
10/20/2024	-	-						
10/21/2024	-	-						
10/22/2024	-	-						
10/23/2024	-	-						
10/24/2024	-	-						
10/25/2024	-	-						
10/26/2024	-	-						
10/27/2024	-	-						
10/28/2024	-	-						
10/29/2024	-	1						
10/30/2024	-	-						
10/31/2024	-	-						

Cumulative Additions/Subtractions: 0	
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	ANNULUS SYSTEM, ADDITIONS AND REMOVALS LAST 12 MONTHS							
Month:	nth: Volume Added (gallons): Volume Removed (gallons): Comments:							
Nov-23	-	•						
Dec-23	-	-						
Jan-24	5	1	Diesel					
Feb-24	-	-						
Mar-24	-	1						
Apr-24	-	1						
May-24	-	1						
Jun-24	-	-						
Jul-24	-	1						
Aug-24	-	1						
Sep-24	-	1						
Oct-24	-	-						

	-		
Cumulative Additions	/Subtractions:	5	



CORROSION MONITORING PLAN COUPON SUMMARY

Date		Stainless Steel		Comments
12/19/2013	(C267)	(316L)	(Fiberglass)	Initial Mass @ start up
2/21/2014	13.330 g	10.848 g	7.309 g	Illitiai iviass @ start up
	13.329 g 13.327 g	10.846 g	7.306 g	
3/10/2014	_	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	
5/30/2014	13.328 g	10.818 g	7.226 g	
6/30/2014	13.321 g	10.337 g	7.196 g	
7/11/2014	13.323 g	10.304 g	7.196 g	
8/12/2014	13.328 g	10.045 g	7.182 g	
9/17/2014	13.321 g	9.997 g	7.090 g	
10/30/2014	13.321 g	9.387 g	7.075 g	
11/21/2014	13.320 g	9.386 g	7.069 g	
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	New hastelloy coupon
3/31/2015	13.339 g	9.286 g	7.005 g	
4/27/2015	13.335 g	9.130 g	6.852 g	
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	
9/21/2015	13.336 g	8.987 g	6.792 g	
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	
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	
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	

CORROSION MONITORING PLAN COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	Comments
	(C267)	(316L)	(Fiberglass)	
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	
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	
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	
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	
3/9/2021	13.290g	9.733g	17.585g	
4/13/2021	13.288g	9.730g	17.649g	
5/18/2021	13.282g	9.691g	17.543g	
6/17/2021	13.279g	9.639g	17.546g	
7/19/2021	13.278g	9.480g	17.507g	
8/3/2021	13.278g	9.437g	17.467g	
9/14/2021	13.277g	9.392g	17.467g	
10/11/2021	13.277g	9.359g	17.465g	
11/3/2021	13.277g	9.350g	17.273g	
12/15/2021	13.276g	9.351g	17.256g	
1/17/2022	13.276g	9.351g	17.256g	
2/15/2022	13.276g	9.347g	16.965g	
3/18/2022	13.281g	9.368g	17.246g	
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	

CORROSION MONITORING PLAN COUPON SUMMARY

Date		Stainless Steel	Fiberglass	Comments
	(C267)	(316L)	(Fiberglass)	
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	
8/18/2023	13.274	8.999	15.495	
9/25/2023	13.273	8.983	15.480	
10/12/2023	13.275	8.984	15.425	
11/15/2023	13.271	8.981	15.349	
12/11/2023	13.274	8.984	15.331	
1/17/2024	13.274	8.988	15.371	
2/19/2024	13.274	8.894	15.340	
3/19/2024	13.273	8.972	15.350	
4/18/2024	13.273	8.972	15.408	
5/20/2024	13.284	8.930	15.372	
6/20/2024	13.274	8.823	15.364	
7/19/2024	13.274	7.904	15.233	10.4 % loss Stainless Steel Coupon
7/23/2024	13.272	3.684	15.228	-53.4 % loss Stainless Steel Coupon
7/24/2024		10.812		Replaced SS coupon
8/23/2024	13.272	10.415	15.228	
8/23/2024			14.603	Redrilled hole in Fiberglass coupon on opposite end of coupon
9/20/2024	13.266	9.930	14.908	4.9 % loss Stainless Steel Coupon
10/18/2024	13.266	9.572	14.897	3.6 % loss Stainless Steel Coupon
11/20/2024	13.265	9.288	14.871	3.0 % loss Stainless Steel Coupon

Corrosion MONITORING COUPONS VISUAL DESCRIPTION

November 20, 2024

Fiberglass Coupon

The coupon is black/grey 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.



Hastelloy Coupon

This coupon is identified as C276 with Serial Number 5. The coupon has a lightly sandblasted texture. It has several small pits on its surface. There are no apparent new indications of corrosion or discoloration to the surface of the coupon.



Stainless Steel Coupon

This coupon is identified as 316L / C1565. No apparent new pits have developed on its surface. There has been a weight loss of 3.0% from the previous month (10-18-24).



CORROSION MONITORING COUPONS BASELINE VISUAL DESCRIPTION

November 4, 2013

Fiberglass

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

Hastelloy

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

Stainless Steel

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



October 22, 2015

TEST REPORT -

PN 125322 PO 00154

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By:

Melissa Martin

Sr. Project Technician

Approved By:

Jim 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. Ýátes Plastics Testing Assistant Manager



December 12, 2016

"TEST REPORT"

PN 132662

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By

Melissa Martin

Senior Project Technician

Rev 041916

Approved By

Jim Drummond Physical Testing, Manager

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 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:

wk

Melissa Martin

Senior(Project Technician

Approved By:

Scott Yates

Plastics Testing, Assistant Manager

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

ISO 9001:2008

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Progress Through Innovation, Technology and Customer Satisfaction

December 13, 2017

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN 139140

SUBJECT:

Barcol Hardness on one material.

RECEIVED:

One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Instant Reading

Results

Barcol Hardness, Instant

96

Prepared 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

<u>Hardness</u>

Specimen 1

90

Specimen is being returned with this report for further evaluation.

HESQUIERE PUASTIC 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 Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

ନ୍ତି ଅନ୍ତର୍ଶ ହେବ । ଏହି ଓ ଅନ୍ତର୍ଶ ବିହାର ଅନ୍ତର୍ଶ ହେବ । ଅନୁକ୍ଷ୍ଟ ଅନ୍ତର୍ଶ ହେଉଛି । ଅନ୍ତର୍ଶ ହେଉଛି । ଅନ୍ତର୍ଶ ଅନ୍ତର୍ଶ ହ 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

Contains in the proof the volume to

is the General of the call.

Specimen 1 90

Specimen was returned to the client on February 17, 2014. medication;

TO THE PARTY OF THE PROPERTY OF THE PARTY OF

V. 14.2

M. 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

85

Specimen was returned to the client June 16, 2014.

GHESQUIERE PLASTIC TESTING, INC.

M. 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

Sf. Project Technician

Approved By

Jim Drummond

Physical & Plastics Testing, Manager



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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

st

Melissa Martin

Sr. Project Technician

Approved By:

Scott W. Yates

Plastics Testing Assistant Manager

BARCOL HARDNESS REPORT

Customer:

Republic Industrial and Energy Solutions, LLC

Component Tested:

Test Coupon

PO Number:

9575553

Job Number: 3415

Calibration:

Disc: 43 - 48

Actual Reading:

45

Barcol Readings

Side One: Side Two:

1	2	3	Averag	
62	63	58	61	
58	60	57	58	

Overall Average: 60

Tested By:

Gary Nicholson

Date: 01/12/2021

(print or type name)

BARCOL HARDNESS REPORT

Customer:	Republic Industrial and Energy Solutions, LLC
-----------	---

Component Tested: Test Coupon

PO Number: 10159792 Job Number: 3556

Calibration: Disc: 43 - 48 Actual Reading: 45

Barcol Readings 2 3 Average Side One: 56 60 60 59 Side Two: 60 62 62 61 Overall Average: 60

(signature)

Tested By:

Gary Nicholson

Date: 10/11/2021

(print or type name)

BARCOL HARDNESS REPORT

Customer:	Republic Industrial	and Energy Solutions
Customer:	Republic Industrial	and Energy Solution

Component Tested: Fiberglass Coupon

PO Number: Credit Card Job Number: 3734

Calibration: Disc: 43 - 48 Actual Reading: 45

 Barcol Readings
 1
 2
 3
 Average

 Side One:
 55
 50
 58
 54

 Side Two:
 53
 56
 59
 56

 56
 59
 56

 Overall Average:
 55

Tested By:

56 VCC

(signature)

Gary Nicholson

Date: 08/23/2022

(print or type name)

BARCOL HARDNESS REPORT

Customer:	Republi	c Services			
Component 1	Tested:	Coupon			
PO Number:	Verbal		Job	Number:	3969
Calibration:	Disc:	43 - 48	Actua	l Reading:	46
Barcol Re	adings	1	2	3	Average
	Side One:	55			55
	Side Two:	53			53
			Overall	Average:	54
Tested By:	\Box		(signatur	e)	
		Gary Nichols		Date:	11/28/2023
	/nr	int or type n	amal		

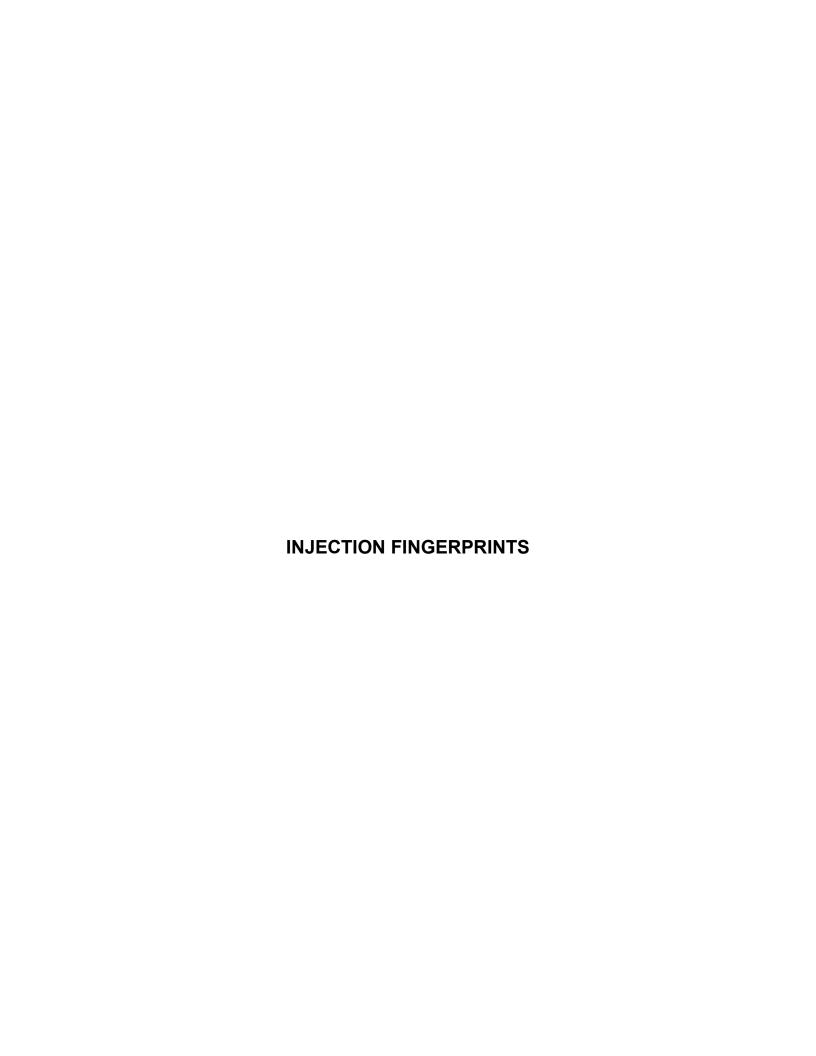


BARCOL HARDNESS REPORT

Customer:	Republi	c Services			*
Component Te	ested:	Test Coupon			
PO Number:	320299	14	Job	Number:	5049-F
Calibration:	Disc:	43 - 48	Actual	Reading:	45
Barcol Re	adings:	Side One:	51 54		
Tested By:	2h	m fli	(signatu	re)	
		Shawn Jenkins		Date:	10/29/2024
	(pri	nt or type nam	ie)		



10/2/2024	Installed new drain plugs on injection pump on Well 1	Drain plug started to leak	Component failure	New drain plug installed	10/2/2024
	Piping installed on Well 2 to move injection pressure gauges to	Preventitive		Injection pressure gauges at eye level	
10/17/2024	Installed new drain plugs on injection pump on Well 1	Drain plug started to leak		New drain plug installed	10/17/2024
10/17/2024	Installed new drain plugs on injection pump on Well 2	Drain plug started to leak	Component failure	New drain plug installed	10/17/2024



RECEIVING INF			
Date	09/ O724		
Receiving ID#	I09032401		
Manifest # Line			
Land Ban Cert included	Yes No		
EGT Approval #			
Generator			
Client			
Transporter			
Time in	1001		
Time out			
Received by	a vat		
Sampled by	Vieno Haron		

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?	370 0	
Flash Point (F)	>14	0
pH (S.U.)	0.79	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.16	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	Z
Conductivity	710	100
% Solids	18.	
Turbidity	Yes	No
Color		
TSS (%)	<0.	14,
Radiation Screen (as needed)		
Lab Signature/Initials	ill V.	+

Receiving & Departure Approval Form

REC04-01 - Page 1

Revision 6 1/20/20

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INF		Special Control	
Date	0963/24		
Receiving ID#	E09032403		
Manifest # Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in	14:52		
Time out			
Received by	1000	1_	
Sampled by	mind	MA	

TION	
>140	
1.18	
1.17	2
Yes	No
Yes	No
71.	2
>10	00
Yes	No
<0.1	1
Chiva	#
	7/40 //8 //8 Yes Yes 7/

RECEIVING & APPROVAL FORM

Date	09/03/24	
Receiving ID#	10902	2402
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter	1	
Time in	15:10)
Time out	1000	
Received by	12.100	·
Sampled by	109, Kall	119

Compatible? (RT#)		
DOD () (O') 14()		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	6.48	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	103	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	700	
Conductivity	14.75	5
% Solids	1.14	
Turbidity	Yes	No
Color		
TSS (%)	20.	1
Radiation Screen (as needed) Lab Signature/Initials	1	7

Receiving & Departure Approval Form

REC04-01 - Page 1

Revision 6 1/20/20

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/63/24		
Receiving ID#	109032404		
Manifest # Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in	1800		
Time out			
Received by	a c	٦.	
Sampled by	In C	2	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1140	,
pH (S.U.)	1.28	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.10>	
Physical Description	Ligorio	1
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.3	
Conductivity	>1000	
% Solids	16.20	
Turbidity	Yes	No
Color	Colorle	55
TSS (%)	(0.1	
Radiation Screen (as needed)	In	en
Lab Signature/Initials	cus	ha

RECEIVING INF	ORMATION	
Date	09/03/24	
Receiving ID#	I09032405	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	20:05	
Time out		
Received by	JOE P	
Sampled by	luch	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>40	
pH (S.U.)	5.25	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	
Physical Description	luigari	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.2	
Conductivity	18.27	
% Solids	1.21	
Turbidity	Yes	No
Color	Brown	
TSS (%)	<0.i	
Radiation Screen (as needed)		
Lab Signature/Initials	JOE P	

Receiving & Departure Approval Form

REC04-01 - Page 1

Revision 6 1/20/20

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INF	ORMATION	
Date	09/04/24	
Receiving ID#	I09042402	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1245	
Time out	۸.0	
Received by	11.10	1
Sampled by	CUCHO Hours	J

LAB INFORMA	NOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	516	10
pH (S.U.)	0.6	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.19	
Physical Description	15000	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74	.2
Conductivity	> 10	00005
% Solids	2:	2.18
Turbidity	Yes	No
Color		
TSS (%)	500	
Radiation Screen (as needed)	1 .)
Lab Signature/Initials	MA	1
/	1.,0	W

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RECEIVING & APPROVAL FORM

Date	09/04/24	
Receiving ID#	I09042401	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	0915	
Time out		7
Received by	ORVIT	_
Sampled by	Verw Hoc	nN

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	0.80	9
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.12	•
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.9	
Conductivity	>1000	
% Solids	16.4	1.1.
Turbidity	Yes	No
Color		
TSS (%)	<0.	./.
Radiation Screen (as needed)	N	
Lab Signature/Initials	Onlyo	1

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Republic Industrial and Energy Solutions, LLC

RECEIVING INF	
Date	09/04/124
Receiving ID#	T09042403
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:20
Time out	
Received by	D. HARRINE
Sampled by	D. HARRINE

LAB INFORM	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	5.0	0
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	705	
Conductivity	18.	13
% Solids	2.3	
Turbidity	Yes	No
Color		
TSS (%)	0.1	1-
Radiation Screen (as needed)		
Lab Signature/Initials	On V.	-

RECEIVING INF		
Date	09/04/24	
Receiving ID#	1209042404	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1730	
Time out		
Received by	la la	
Sampled by	Cu Cu	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7146	
pH (S.U.)	6.18	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	Liquio	1
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.2	
Conductivity	19.3	8
% Solids	0.6	4
Turbidity	Yes	No
Color	Green	
TSS (%)	50.1	
Radiation Screen (as needed)		
Lab Signature/Initials	Cm (m

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	0915/24	
Receiving ID#	L0905 2402	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1735	
Time out		
Received by	1.10	/
Sampled by	(Wustis 4	ilunnel

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	2)
pH (S.U.)	1.16	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,12	_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72:	7
Conductivity	196,	1 ms
% Solids	15.2	8
Turbidity	Yes	No
Color		
TSS (%)	20.1	
Radiation Screen (as needed)		
Lab Signature/Initials	1	H
	// N	W

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Date	09/15/24	
Receiving ID#	I09052401	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	0618	i
Time out	1.10	
Received by	A. Ah	~
Sampled by	Wustis (olungel

LAB INFORMA	TION	. J
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1140	5
pH (S.U.)	1.0	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.))	
Physical Description	,	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67	7
Conductivity	2100	oms
% Solids	102	-1
Turbidity	Yes	No
Color		
TSS (%)	30	\
Radiation Screen (as needed)	1	1
Lab Signature/Initials	1 W)

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING IN	ORMATION	
Date	0905/24	
Receiving ID#	I09052403	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1615	
Time out		
Received by	chen	
Sampled by	Coma	

LAB INFORMA	TION	
Compatible? (RT#)	ION	
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	0.46	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.2	
Physical Description	Liquid	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72:	3
Conductivity	193,4	5
% Solids	8.3	
Turbidity	Yes	No
Color	Yella	w
TSS (%)	(0	.1
Radiation Screen (as needed)		
Lab Signature/Initials	Onc	~

RECEIVING INFO		
Date	09/ 05 /24	
Receiving ID#	I09052404	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	2020	
Time out		
Received by	lu lu	
Sampled by	Cuca	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7146	
pH (S.U.)	6.54	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	Liquid	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.	6
Conductivity	71.6	
% Solids	. 86	
Turbidity	Yes	No
Color	Darkgree	n
TSS (%)	40.1	
Radiation Screen (as needed)		
Lab Signature/Initials	1 m	<u>_</u>

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RECEIVING & APPROVAL FORM

Date	09/06/24	
Receiving ID#	I09062407	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1113	3
Time out	1 1 0	
Received by	1.12	~
Sampled by	Wistis (11 whose

LAB INFORM	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		-
Flash Point (F)	>14	0
pH (S.U.)	0.6	+
Cyanides? (mg/L)		,
Sulfides? (ppm)?		
Specific Gravity	1.18	}
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72,	5
Conductivity	>100	ons
% Solids	19	.92
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		()
Lab Signature/Initials	111	AK

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RECEIVING & APPROVAL FORM

Date	09/66/24	
Receiving ID#	I09062401	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	0710	
Time out	1 10	
Received by	J. Who	
Sampled by	WERN HOURN	

LAB INFORM	NOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	D
pH (S.U.)	0.63	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.19	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	743	
Conductivity	>10	00-5
% Solids	200	39
Turbidity	Yes	No
Color		
TSS (%)	10.	1
Radiation Screen (as needed)	A	0
Lab Signature/Initials	111	K

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RECEIVING INF	ORMATION	
Date	09/06/24	
Receiving ID#	TOADPS1103	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1540	
Time out	1	
Received by	a late	
Sampled by	122	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	5.98	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.0	P
Conductivity	22.0	
% Solids	1.98	
Turbidity	Yes	No
Color		
TSS (%)	0.25	1-
Radiation Screen (as needed)		/
Lab Signature/Initials	0,14	1

RECEIVING INFO		
Date	09/00/24	
Receiving ID#	TO(00)	Mon
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1 (0:30)
Time out		20
Received by	2. 26.40	11997
Sampled by	3.40	11977

Annual Control of the		
LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	6,46)
Cyanides? (mg/L)		
Sulfides? (ppm)?	3 33 353	
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.7)
Conductivity	23	5
% Solids	0.00	у.
Turbidity	Yes	No
Color		
TSS (%)	CO-7	
Radiation Screen (as needed)		
Lab Signature/Initials	J. NO.	25C K

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Date	09/12 /24	
Receiving ID#	I0912240	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	15:5	6
Time out	2-1	- 1
Received by	4624	
Sampled by	huob	line

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	0.66	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.10	0
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.	1
Conductivity	7100	0
% Solids	15.95	
Turbidity	Yes	No
Color		
TSS (%)	20,1	1.
Radiation Screen (as needed)	NE	9 1
Lab Signature/Initials	12/2/	11/

RECEIVING & APPROVAL FORM

Date	09/12/24	
Receiving ID#	I09122401	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	12:03	
Time out		
Received by	J. COLANGEL	
Sampled by	J. 101 Av. EL	

LAB INFORMA	TION	
Compatible? (RT#)		31
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	0.60	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.18	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.	1
Conductivity	> 100	50
% Solids	24.1	1/1
Turbidity	Yes	No
Color		
TSS (%)	0.1	/1
Radiation Screen (as needed)	NEC	١,
Lab Signature/Initials	MA Ve	1/2-

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

Date	09/ n./24	
Receiving ID#	I39122403	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		00000
Time in	2000	
Time out		
Received by	Car	امرا م
Sampled by	Dall	- h.

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1142)
pH (S.U.)	117	
Cyanides? (mg/L)		
Sulfides? (ppm)?	,	
Specific Gravity	1.10	
Physical Description	Walni	J
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.6	
Conductivity	163.7	
% Solids	4.20	
Turbidity	Yes	No
Color	Tan	
TSS (%)	(0.	1
Radiation Screen (as needed)		
Lab Signature/Initials	h	~

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

Date	09/13 /24	
Receiving ID#	I09132401	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	0690	
Time out		
Received by	Jusks Colunge	10
Sampled by	Anthony Was	114

LAB INFORMA	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	MIN	
Only)?	16.11	
TOC ppm (CC Waste Only)?	1	
Flash Point (F)	>14	-
pH (S.U.)	0.9	9
Cyanides? (mg/L)		22110000000
Sulfides? (ppm)?	The second second	
Specific Gravity	1.14	
Physical Description	Liquil)
Stream Consistency	Yes	No
Oil in Sample?	Yes	AVO.
Temperature (F)	71.1	
Conductivity	>100	O
% Solids	14.0	101.
Turbidity	(e)s	No
Color	Green	
TSS (%)	20.	1'1
Radiation Screen (as needed)		
Lab Signature/Initials	Jsc a.	

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/13/24	
Receiving ID#	I09132403	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	17:00	
Time out		
Received by	Dollar M.	
Sampled by	Daton M.	

	The second second second	Nonacutation of the Co.
LAB INFORMA	TION	direct
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	1.41	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,04	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.9	
Conductivity	167.	
% Solids	5.	7 1.
Turbidity	Yes	No
Color		
TSS (%)	0.2	7 7
Radiation Screen (as needed)	h	
Lab Signature/Initials	ast,	1

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RECEIVING & APPROVAL FORM

Date	09/13/24	
Receiving ID#	109/32402	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1045	
Time out	,	
Received by	an H	
Sampled by	Vow Hours	

LAB INFORMA	HION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	1.13	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.13	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	.6
Conductivity	> 10	0
% Solids	14:	1.1.
Turbidity	Yes	No
Color		
TSS (%)	40.1	
Radiation Screen (as needed)		-1
Lab Signature/Initials	0020	TP

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RECEIVING & APPROVAL FORM

Date	09/13/24	
Receiving ID#	IO9132404	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	21 19	
Time out		
Received by	ancom	
Sampled by	Com Com	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140)
pH (S.U.)	2.56	;
Cyanides? (mg/L)	_	
Sulfides? (ppm)?		
Specific Gravity	1.04	
Physical Description	Ligur	:cl
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.1	
Conductivity	55.	١
% Solids	3.8	8
Turbidity	Yes	No
Color	Brow	NC
TSS (%)	.50)
Radiation Screen (as needed)		
Lab Signature/Initials	1	-Pn.

RECEIVING INFO	-	
Date	09/14 /24	
Receiving ID#	1809143401	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	0800	
Time out		
Received by	Justis Col	Mado
Sampled by	Justis G	lahord

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	NI	A
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	()
pH (S.U.)	0.9	56
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	.1.16	2,
Physical Description	Liavi	d
Stream Consistency	(es	No
Oil in Sample?	Yes	No)
Temperature (F)	70.	0,
Conductivity	7100	1()
% Solids	116	5-1%
Turbidity	Kes	No
Color	Brown	
TSS (%)	0.	5%
Radiation Screen (as needed)		
Lab Signature/Initials	USC 6	

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RECEIVING & APPROVAL FORM

RECEIVING INF	ORMATION	41	
Date	09/16/24		
Receiving ID#	J09162401		
Manifest # Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in	0610	1	
Time out			
Received by	Justis Cu	lungelo	
Sampled by	Justis C	Justis Colungelo Uustis Colungel	

LAB INFORMA	NOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	N/A	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	()
pH (S.U.)	6.7	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.7.09	
Physical Description	Liquis)
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.	7
Conductivity	33,	6
% Solids	0.1.11	iv
Turbidity	(Yes)	No
Color	Black	
TSS (%)	6	11.
Radiation Screen (as needed)	1	
Lab Signature/Initials	USC Su	_

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RECEIVING & APPROVAL FORM

Date	09/14/24	
Receiving ID#	GOPENIAJT	
Manifest # Line	1-011	
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1152	
Time out		
Received by	Justis Glangeld	
Sampled by	Lessis Colonad	

LAB INFORMA	CHOIN	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	NIA	-
Only)?	10/1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6,80)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,0	7
Physical Description	Liavi	1
Stream Consistency	Yes	No.
Oil in Sample?	Yes	(10)
Temperature (F)	77	, }
Conductivity	73.	Ś
% Solids	0,5	14%
Turbidity	Yes	No
Color	Black	`
TSS (%)	20.	101.
Radiation Screen (as needed)	1	
Lab Signature/Initials	1)SCOM	/

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING INF	OPMATION
Date	09/ 10/ /24
Receiving ID#	ID9162407
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	09:57
Time out	1 1. 1
Received by	1.7 m
Sampled by	Guapline

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	8
pH (S.U.)	1.42	_
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	7
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.	5
Conductivity	91,	1 -5
% Solids	9.1	78
Turbidity	Yes	No
Color		
TSS (%)	10.	1-
Radiation Screen (as needed)	-	()
Lab Signature/Initials	AX	X

RECEIVING INF	09/ \6 /24	
Receiving ID#	109162403	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	13 4	4
Time out		1
Received by	Viston	1/2
Sampled by	(dusk's	dange

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	1.44	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.12	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.0	
Conductivity	187.5	
% Solids	11.8	3
Turbidity	Yes	No
Color		
TSS (%)	0.5	1.
Radiation Screen (as needed)	-0	
Lab Signature/Initials	ROLL	0

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/16 /24	
Receiving ID#	JUJ916540E	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	2135	
Time out		
Received by	Cucs	
Sampled by	Dalton M	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	1.66	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	12
Physical Description	Liqui	J
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	3.3
Conductivity	99.	.6
% Solids	3.2	25
Turbidity	Yes	No
Color	Colorle	4
TSS (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	and	_

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RECEIVING & APPROVAL FORM

Date	09/16 /24	
Receiving ID#	IO9162404	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	17:50	_
Time out		1
Received by	Opva	17-
Sampled by	Dollar	. 41

FINGERPRINT FORM

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	1,45	
Cyanides? (mg/L)	ŧ	1.1200000
Sulfides? (ppm)?		
Specific Gravity	1.08	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.4	1
Conductivity	183	:5
% Solids	5.6	1.
Turbidity	Yes	No
Color		
TSS (%)	20,1	-/,
Radiation Screen (as needed)		/
Lab Signature/Initials	Milti	74

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/ 17 /24	
Receiving ID#	I091724 0	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	6:10	7
Time out	1 1	0
Received by	1.8	H
Sampled by	A. War	1,4

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)		
pH (S.U.)	10.1	35
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description	•)	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.1	
Conductivity	21,1	2
% Solids	1.75	
Turbidity	Yes	No
Color		
TSS (%)	(0.1	^
Radiation Screen (as needed)	1	
Lab Signature/Initials	110	Kn

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Date	09/ 17 /24	
Receiving ID#	F0917240;	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1045	
Time out	1 1	Λ
Received by	JA	h
Sampled by	/ Vienalto	Low

LAB INFORMA	TION	1 100
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	1.48	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.09	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7)	2_
Conductivity	178:	3.5
% Solids	9.	34
Turbidity	Yes	No
Color		
TSS (%)	10	10
Radiation Screen (as needed)	1	1)
Lab Signature/Initials		K

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/ /7 /24	
Receiving ID#	209172464	
Manifest # Line		
Land Ban Cert included	Yes N	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	19:13	
Time out		
Received by	Dalton	
Sampled by	Dalton	

19)		
LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	1.39	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.06	
Physical Description	Liquic	1
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.9	
Conductivity	117	3
% Solids	5 .3	
Turbidity	Yes	No
Color	Colorl	ess
TSS (%)	-40.	
Radiation Screen (as needed)		, a
Lab Signature/Initials	(mc	

RECEIVING & APPROVAL FORM

Date	09/ 17 /24	
Receiving ID#	I09172403	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1433	
Time out		
Received by	J. Hallel	
Sampled by	Very Hours	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140)
pH (S.U.)	1.70	
Cyanides? (mg/L)		2000
Sulfides? (ppm)?		
Specific Gravity	1,12	5
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.	8
Conductivity	150	1.3
% Solids	15.2	ブン.
Turbidity	Yes	No
Color		
TSS (%)	<0.	1
Radiation Screen (as needed)		
Lab Signature/Initials	J. 1901	1197

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/ 17 /24	
Receiving ID#	109172405	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	22:00	
Time out		
Received by	Dalton M.	
Sampled by	Dalla M.	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	- 89	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.08	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.5	•
Conductivity	>/006	
% Solids	8.5%	
Turbidity	Yes	No
Color		
TSS (%)	40.140	- HARVIII
Radiation Screen (as needed)		
Lab Signature/Initials	Palton M	

Date	09//8	/24
Receiving ID#	I09182	401
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out	0	11
Received by	AAA	
Sampled by	(A. War	lix

LAB INFORM Compatible? (RT#)	ATION	
PCBs (ppm) (Oily Waste	-	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2141)
pH (S.U.)	113	2_
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.10	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	1
Conductivity	1100	50m5
% Solids	13.2	6
Turbidity	Yes	No
Color		
TSS (%)	100	
Radiation Screen (as needed)	1 A	A-
Lab Signature/Initials	177	V

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFO		PER LOS
Date	09/18	
Receiving ID#	IIMIS	2403
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator	ľ	
Client		
Transporter		
Time in	1 134	
Time out		^
Received by	BUN	
Sampled by	Just's (1) wasel

LAB INFORMA	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	0.78	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.11	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.2	-
Conductivity	>1000	
% Solids	147	1.
Turbidity	Yes	No
Color		
TSS (%)	0,5	1.
Radiation Screen (as needed)		
Lab Signature/Initials	A012	26
	0	- 3

RECEIVING & APPROVAL FORM

Date	09/ 18	/24
Receiving ID#	I 0918	1240;
Manifest # Line	1	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		- 0 50.00
Client		
Transporter		
Time in	9:5	58
Time out	10	Λ
Received by	JA	
Sampled by	March	Line

Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	21~	14
pH (S.U.)	(0.5	59
Cyanides? (mg/L)		1
Sulfides? (ppm)?		
Specific Gravity	10	3
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	1715	7
Conductivity	9.75	
% Solids	1.25	
Turbidity	Yes	No
Color		
TSS (%)	0.8	5
Radiation Screen (as needed)	1	Λ
Lab Signature/Initials	180	Nh

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Republic Industrial and Energy Solutions, LLC

RECEIVING & APPROVAL FORM

RECEIVING INF	ORMATION
Date	09/ 18/24
Receiving ID#	100182404
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	5:40
Time out	1
Received by	awa
Sampled by	119710H,T

LAB INFORMA	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.38	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.	7
Conductivity	23.5	
% Solids	(NB/40	8 1.0
Turbidity	Yes	No
Color		
TSS (%)	20,	1.11
Radiation Screen (as needed)		
Lab Signature/Initials	102V	A

Date	09/ 18 /24
Receiving ID#	IN9182405
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	2108
Time out	
Received by	la Can
Sampled by	Cicero Chand

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.48	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	Liquid	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.4	
Conductivity	21.0	
% Solids	0.99	
Turbidity	Yes	No
Color	Black	
TSS (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	en e	

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/	124
Receiving ID#	IOGA.	2402
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	10:3	33
Time out	11)
Received by	LXX	~
Sampled by	/D HAMI	ZIDE

LAB INFORMA	TION	
Compatible? (RT#)	1	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		200
Flash Point (F)	1141)
pH (S.U.)	1.22	_
Cyanides? (mg/L)	,	
Sulfides? (ppm)?		
Specific Gravity	100)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.	6
Conductivity	1731	ms
% Solids	9.50)
Turbidity	Yes	No
Color		
TSS (%)	100	
Radiation Screen (as needed)	1	
Lab Signature/Initials	1	Y
/	1.0	1

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Date	09/ 19/124	
Receiving ID#	IO919240	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	6.6	0
Time out)
Received by	IN	1_
Sampled by	MA. WO	H.V

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	1.40	1
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.10	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71,7	,
Conductivity	127.	5,05
% Solids	2.9	8
Turbidity	Yes	No
Color		
TSS (%)	10	1
Radiation Screen (as needed)	- 01	1.
Lab Signature/Initials		₩.

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

Date RECEIVING INFO	09/	124
Receiving ID#	10910	,
Manifest # Line	1	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	107:3	C)
Time out	"	1
Received by	anv	1
Sampled by	1. Ho	11972

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	0.84	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.18	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.8	3
Conductivity	>1000	
% Solids	790000	
Turbidity	Yes	No
Color		
TSS (%)	20.1	
Radiation Screen (as needed)		
Lab Signature/Initials	azk	4

RECEIVING INFO	DRMATION	
Date	09/ /9 /24	
Receiving ID#	I09192404	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	16:50)
Time out		
Received by	Q V.	di-
Sampled by	Dato	L

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	>
pH (S.U.)	6.4	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.12,	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.	4
Conductivity	22	
% Solids	2.3	611
Turbidity	Yes	No
Color		
TSS (%)	<0.11/	
Radiation Screen (as needed)	0	
Lab Signature/Initials	2/2V	A

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFO		
Date	09/ 19 /24	
Receiving ID#	J09192400	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	211	3
Time out		
Received by	co	\mathcal{C}
Sampled by	Cm (1

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.14	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02.	
Physical Description	Liquid	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.5	
Conductivity	21.8	
% Solids	0.85	
Turbidity	Yes	No
Color	Green	
TSS (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	nh	

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Date	09/	/24
Receiving ID#	10914240	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	7	19:10
Time out		
Received by	T, Doll	119
Sampled by	7,00	11972

LAB INFORMA	ATION	307
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?	1	
Flash Point (F)	X140	
pH (S.U.)	6.4	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	10	7
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75,	3
Conductivity	21.	3
% Solids	0,0	84.
Turbidity	Yes	No
Color		
TSS (%)	<0,	1
Radiation Screen (as needed)		
Lab Signature/Initials	J. HOST	119

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

The Art Art Art Area and Art	
RECEIVING INF	ORMATION
Date	09/ 20 /24
Receiving ID#	I09202401
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	06:14
Time out	1
Received by	J.N.L
Sampled by	Variabline

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>11	10
pH (S.U.)	6.9)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	3
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	731	
Conductivity	20,1	bus
% Solids	1.7t	>
Turbidity	Yes	No
Color		
TSS (%)	10v	1
Radiation Screen (as needed)		()
Lab Signature/Initials	418	1

Date	09/ 3	0 /24
Receiving ID#	T092024	
Manifest # Line	10	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	08:	11
Time out	1 05	\
Received by	Wil	R-
Sampled by	/ Naide	line

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>	140
pH (S.U.)	6.	51
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	2_
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.2	_
Conductivity	213	. ~ (
% Solids	111-	2
Turbidity	Yes	No
Color		17.5
TSS (%)	10	-1
Radiation Screen (as needed)	1.1	0
Lab Signature/Initials	1/4	11

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FINGERPRINT FORM

 $Republic \ Industrial \ and \ Energy \ Solutions, \ LLC$

RECEIVING & APPROVAL FORM

RECEIVING INFO	DRMATION	
Date	09/20 /24	
Receiving ID#	10920240	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	13:2	1
Time out	1 1	1
Received by	J.X	\
Sampled by	/ David	stine

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	1)
pH (S.U.)	low	13
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.63	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	10
Conductivity	182	25
% Solids	'	.,
Turbidity	Yes	No
Color		
TSS (%)	161	
Radiation Screen (as needed)	1 (1
Lab Signature/Initials	16	1

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Date	09/ 20 /24	
Receiving ID#	I0920240	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	10:2	-1
Time out		0
Received by	AIA	X
Sampled by	1/ A.W	arly

Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	
pH (S.U.)	0.9	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	(()	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76.8	2
Conductivity	2100	x) m
% Solids	1),9	4
Turbidity	Yes	No No
Color		
TSS (%)	(6)	1
Radiation Screen (as needed)	1	0
Lab Signature/Initials	1	1

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

Date	09/ 20	124
Receiving ID#	I0926240E	
Manifest # Line	1	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter	1	
Time in	18:55	-
Time out		
Received by	Dalton 1	1.
Sampled by	Dulles	4

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	,
pH (S.U.)	6.38	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.1	
Conductivity	16.0	7
% Solids	.89	
Turbidity	Yes	No
Color		
TSS (%)	<0.19	6
Radiation Screen (as needed)		
Lab Signature/Initials	Date	M.

Date	09/ 23 /24		
Receiving ID#	IO923	IO9237401	
Manifest # Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in	8/3Am		
Time out	100		
Received by	JI DY		
Sampled by	Worn its	MA	

N .	
314	0
613	5
1.16	
'es	No
'es	No
68,0	
71000	125
17.6	622
'es	No
100	
١,	0
A	1
	A.

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

D-4-	1 00/07 104	
Date	09/22/24	
Receiving ID#	10922	1240
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	13:1	8
Time out	ΛΛ	Λ
Received by	MW	1
Sampled by	1/2/200	11972

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>11	40
pH (S.U.)	5.4	7_
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	100)
Physical Description	,	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7)	9
Conductivity	61	2.1005
% Solids	5.	75
Turbidity	Yes	No
Color		
TSS (%)	10	10
Radiation Screen (as needed)	1 , 1	0
Lab Signature/Initials	1/	H

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Date	09/ 23 /24	
Receiving ID#	Z0923240	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	10:18	
Time out	1	
Received by	DOV, HO	
Sampled by	A. Worley	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	e 0	.07
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.14	
Physical Description		
Stream Consistency	des	No
Oil in Sample?	Yes	No
Temperature (F)	73.	6
Conductivity	>1000	
% Solids	17.0	1
Turbidity	Yes	No
Color		
TSS (%)	40,1	7.
Radiation Screen (as needed)		,
Lab Signature/Initials	Oli Vs	7/

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

Date	09/23 /24	
Receiving ID#	Z09232404	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	16:05	
Time out		
Received by	124	
Sampled by	Dulter M.	

LAB INFORMA	TION	3 2 2 .
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> / 40	
pH (S.U.)	6.18	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.13	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71	.3
Conductivity	14.6	B
% Solids	6.9	1.1.
Turbidity	Yes	No
Color		
TSS (%)	40.	1
Radiation Screen (as needed)		
Lab Signature/Initials	001 W	b-

RECEIVING INFO	DRMATION	
Date	09/23/24 204232405	
Receiving ID#		
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	17:30)
Time out		
Received by	T. 905	1192
Sampled by	7.00	Istu

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	6.10	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68,0	1
Conductivity	12,9	۲
% Solids	0,09×,	
Turbidity	Yes	No
Color		
TSS (%)	(0,1	S
Radiation Screen (as needed)		
Lab Signature/Initials	T. AQ	11900

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/ 2	4 /24
Receiving ID#	TURZY	7407
Manifest # Line	100	V 133
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	13:	30
Time out		
Received by	Justis C	ellangel
Sampled by	(). Har	rell

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1.10	
Only)?	NIA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	0.3	99
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.10	,
Physical Description	Liquis)
Stream Consistency	(Ves	No
Oil in Sample?	Yes	(Ng)
Temperature (F)	71.	9
Conductivity	>.100	0
% Solids	14.	5
Turbidity	Ke3	No
Color	GHEEK	
TSS (%)	60.	
Radiation Screen (as needed)		
Lab Signature/Initials	USC A	
Stream Consistency Oil in Sample? Temperature (F) Conductivity % Solids Turbidity Color TSS (%) Radiation Screen (as needed)	Yes 71.	No (No)

RECEIVING & APPROVAL FORM

Date	09/2	4/24
Receiving ID#	IN924	12401
Manifest # Line		198
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	09:40	9
Time out	1 1	n
Received by	1.10	W
Sampled by	Saids	line

LAB INFORMA	NOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	0.23	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.16	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	717	
Conductivity	>150	025
% Solids	15.8	1
Turbidity	Yes	No
Color		
TSS (%)	101	
Radiation Screen (as needed)	1	0
Lab Signature/Initials	1-12	Alex

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

	THE EITHIR WITH	
RECEIVING INF	ORMATION	
Date	09/ 24/24	
Receiving ID#	IO9242403	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	15:41	
Time out	1	
Received by	assit	
Sampled by	Sacobline	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	,
pH (S.U.)	6.6	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	5
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	.8
Conductivity	19.20	0
% Solids	1.38	3
Turbidity	Yes	No
Color		
TSS (%)	0.5	-/.
Radiation Screen (as needed)		,
Lab Signature/Initials	180K	4

Date	09/ 2	4 /24
Receiving ID#	£09242404	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	17:2	5
Time out	0-	[
Received by	10,24	
Sampled by	Dellas	M.

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	6.4	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.13	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.	6
Conductivity	18.70	-
% Solids	1.79	
Turbidity	Yes	No
Color		
TSS (%)	40,1	1.
Radiation Screen (as needed)		-
Lab Signature/Initials	1.00	4

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 $Republic \ Industrial \ and \ Energy \ Solutions, LLC$

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Date	09/25 /24	
Receiving ID#	IN9252462	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	10:30	3
Time out	1.0	
Received by	MAX	_
Sampled by	I mul 7	muta

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	0
pH (S.U.)	0,29	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.18	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72	-3
Conductivity	>10	500.5
% Solids	13.	00
Turbidity	Yes	No
Color		
TSS (%)	16.	.\
Radiation Screen (as needed)	Na	/,
Lab Signature/Initials	MA	4
	1.0)

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RECEIVING & APPROVAL FORM

Date	09/ 6	5/24
Receiving ID#	T09	2524
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	07:2	9
Time out	0	
Received by	LAL	~
Sampled by	1/ Janok	oltre

LAB INFORMA	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140) ,
pH (S.U.)	6.2	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,16	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	72.7	
Conductivity	1870	-5
% Solids	12:	74
Turbidity	Yes	No
Color	(5)	
TSS (%)	01	
Radiation Screen (as needed)	11	
Lab Signature/Initials	1	H

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RECEIVING & APPROVAL FORM

Date	09/ 25 /24
Receiving ID#	T09252403
Manifest # Line	10
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:18
Time out	mul
Received by	CLV dis
Sampled by	Jarobline

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	0.10	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.14	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.4	
Conductivity	71000	
% Solids	10.	7 1/1
Turbidity	Yes	No
Color		
TSS (%)	60.1	
Radiation Screen (as needed)	-	1
Lab Signature/Initials	62V4	1

RECEIVING INF		
Date	09/25 /24	
Receiving ID#	IO9252404	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	2100	
Time out		
Received by	CuCu	
Sampled by	Pusa-	

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	SIND	
pH (S.U.)	6.30	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	102	
Physical Description	Ligor	<i>'U</i>
Stream Consistency	Yes	No
Oil in Sample?	Yes	_No
Temperature (F)	70.9	
Conductivity	16.7	4
% Solids	0.77	
Turbidity	Yes	No
Color	Greek	1
TSS (%)	(0.	
Radiation Screen (as needed)		
Lab Signature/Initials	an C	-

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/26/24	
Receiving ID#	I0926240	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	0832	
Time out	1.0	
Received by	J. Bh	
Sampled by	D. HARIZI	

,		
LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	10.)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	106	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	108	5
Conductivity	>100	Urk
% Solids	151	3
Turbidity	Yes	No
Color		
TSS (%)	201	
Radiation Screen (as needed)	1	1
Lab Signature/Initials	1	V
(1	

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RECEIVING & APPROVAL FORM

Date	09/ 2	6 /24
Receiving ID#	I0926 240	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	6:1	7
Time out		
Received by	LAKA K	/
Sampled by	(A Way	-lex

LAB INFORMA	LION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	3.02	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.10	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.8	
Conductivity	11195	-5
% Solids	1217	_
Turbidity	Yes	No
Color		
TSS (%)	0.5	1
Radiation Screen (as needed)	A.A	V
Lab Signature/Initials	1 / W	1

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Total Carachas and a second second second	
RECEIVING INFO	ORMATION
Date	09/ 26 /24
Receiving ID#	I09762403
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1036
Time out	
Received by	Justis Colangelo
Sampled by	Justis Colamelo

LAB INFORMA	NOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	l No	t
TOC ppm (CC Waste Only)?		1
Flash Point (F)	714	U
pH (S.U.)	0.	13
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.18	
Physical Description	Liqui	Ü
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	, 4
Conductivity	710	
% Solids	_, 16,	73%
Turbidity	(es	No
Color	Brow	h
TSS (%)	(2.11.
Radiation Screen (as needed)		
Lab Signature/Initials	J50 9	m

Date	09/26 124	
Receiving ID#	I09262404	
Manifest # Line		55 5
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1317	
Time out	. 10	
Received by	1 Dh	1
Sampled by	(X) Kray 1t	way

LAB INFORMA	ATION	3 9 32
Compatible? (RT#)	T	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	5
pH (S.U.)	0.72	-
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.09	
Physical Description	·	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73.2	_
Conductivity	127.5	2
% Solids	8.24	5
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)	1	0
Lab Signature/Initials	AL.	V

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Date	09/ 26 /24	
Receiving ID#	I09262406	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	2054	
Time out		
Received by	I Com Com	
Sampled by	Ca Ca	

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	6.00	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02.	
Physical Description	Liquid	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.	7
Conductivity	15.9	34
% Solids	0.8	8
Turbidity	Yes	No
Color	Green	
TSS (%)	401	
Radiation Screen (as needed)		
Lab Signature/Initials	an C	_

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Date	09/ 26/24	
Receiving ID#	IQ 26240.	
Manifest # Line	1	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	15:4	0
Time out		-1
Received by	C2V	#-
Sampled by	J. HOW	1197

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	5,12	_
Cyanides? (mg/L)		0500.0
Sulfides? (ppm)?		// // // // // // // // // // // // //
Specific Gravity	1.1	7
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.	5
Conductivity	13.34	
% Solids	0.5	9 1%.
Turbidity	Yes	No
Color		
TSS (%)	0.1.	/.
Radiation Screen (as needed)		, ,
Lab Signature/Initials	111	-

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING INF	09/ 7	7 /24
Receiving ID#	I0927	4401
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	0742	
Time out	0	
Received by	MA	_
Sampled by	Wend ite	Crai

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	114	D
pH (S.U.)	5.7	6
Cyanides? (mg/L)		2000
Sulfides? (ppm)?		
Specific Gravity	1.0	(0
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.)
Conductivity	63.	755
% Solids	5.3	
Turbidity	Yes	No
Color		
TSS (%)	01	
Radiation Screen (as needed)		0
Lab Signature/Initials		4

RECEIVING INF	ORMATION	
Date	09/ 3-7 /24	
Receiving ID#	I09272402	
Manifest # Line	100	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	11154	
Time out	4 4 1	
Received by	MIX	~
Sampled by	(Now!	MAYON

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		3
Flash Point (F)	>140)
pH (S.U.)	1.56	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	IND	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	4
Conductivity	145	1) 20
% Solids	1013	
Turbidity	Yes	No
Color		
TSS (%)	160	1
Radiation Screen (as needed)	1.0)
Lab Signature/Initials	MAL	V

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	09/ 30 /24	
Receiving ID#	T0930240	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	14:15	
Time out		
Received by	Jenstine	
Sampled by	loublise	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.40	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.17	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	. [
Conductivity	13.1	4
% Solids	3.14	
Turbidity	Yes	No
Color		
TSS (%)	20,1	1/1
Radiation Screen (as needed)		-
Lab Signature/Initials	an Ve	Har

RECEIVING & APPROVAL FORM

Date	09/ 2	7124
Receiving ID#	I0027	2403
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	1 18:0	+5
Time out	1	
Received by	12. Cm	In
Sampled by	THAP	1192

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	>140 6.9	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.04	20
Physical Description	1.04 Liqui	0
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	686	
Conductivity	15.5	1
% Solids	. 90	
Turbidity	Yes	No
Color	Brow	n
TSS (%)	401	
Radiation Screen (as needed)		
Lab Signature/Initials	Cml	ha

Receiving & Departure Approval Form

REC04-01 - Page 1

Revision 6 1/20/20

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

Date	09/ 30/24	
Receiving ID#	109302404	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in	17:15	
Time out		
Received by	OCCUATO-	
Sampled by	197708,7	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140)
pH (S.U.)	0.80	1
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.08	3
Physical Description	1	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.	8
Conductivity	>10	60
% Solids	11.	2.1.
Turbidity	Yes	No
Color		
TSS (%)	40.1	0.1.
Radiation Screen (as needed)		
Lab Signature/Initials	00 6	1

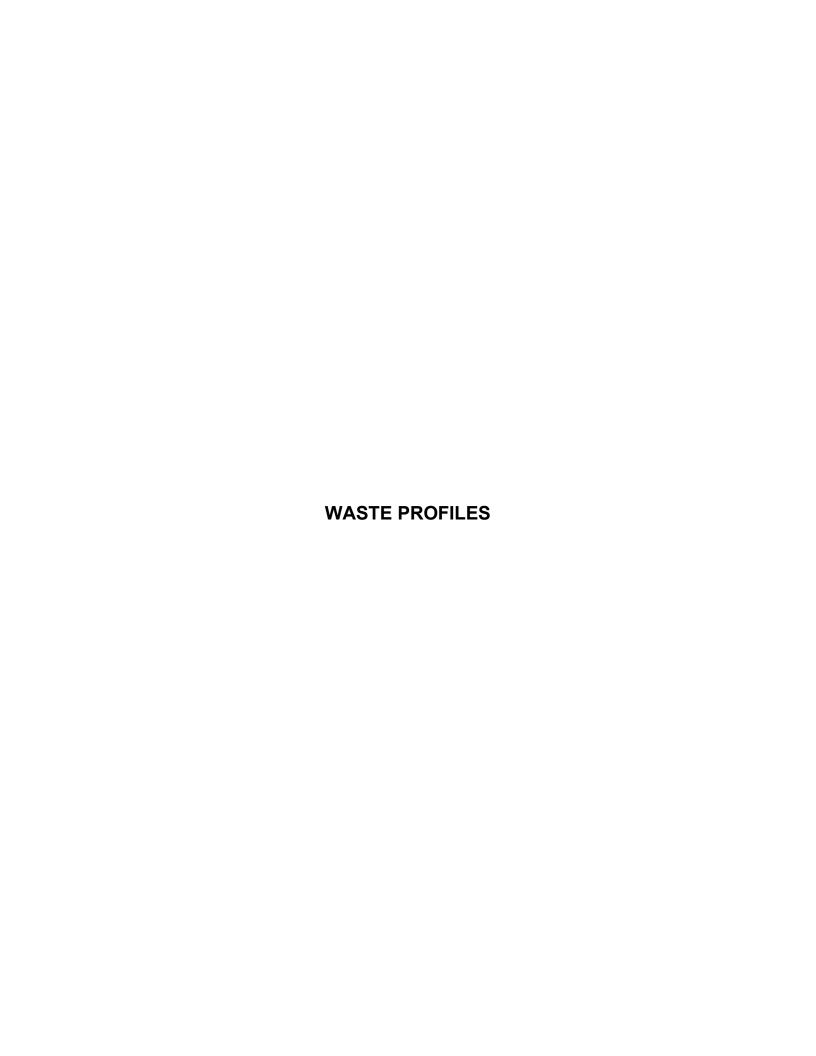
Date	09/30) /24
Receiving ID#	109202403
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:30
Time out	
Received by	1 Ch Cm
Sampled by	J. 9005811

LAB INFORMAT	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	>140 6.22	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	Liqu	6
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68.	٦
Conductivity	9.9	9
% Solids	6.3	16
Turbidity	Yes	No
Color	Brown	^
TSS (%)	20	-1
Radiation Screen (as needed)		
Lab Signature/Initials	and	in

Receiving & Departure Approval Form

REC04-01 - Page 1

Revision 6 1/20/20





Disposal Facility:	6440 - DETROIT INDI	USTRIAL WELL				Waste Prof	ile #:		
I. Generator In	formation					Sales Rep #	:		
Generator Name									
	Pioneer Metal Finish	ning							
Address:	486 Glok	e Ave							
City: Green	Bay	County:	Barron		Stat	e: WI		Zip:	54304
tate ID/Reg No:		EPA ID #:	WID068	315373				NAICS #:	34304
enerator Mailing	g Address (if di	fferent)							
ity:		County:			State	2:		7in.	
enerator Contac	t Name: Morgan	Gibson					son@	Zip:	motal som
hone Number:	920-884-1607		Ext:			x Number:	730116	pioneen	metal.com
Billing Inform									
F	fied Environmen	ital Soluti	ons	Contact Na	me:	Laurie T	amble		
ing Address:	PO Box 366			Em	ail:			ertifieder	NV COM
y: Mukwo	onago	State: M	/isconsin			53149	Phone		00-8520
. Waste Stream ame of Waste:	Spent EN with I		tion from	nickal can	avors.	ion coati	200		
waste from a TSD nsolidation Proce	DF Like	Wast	te Hazardou		ivers		ntainer	Bulk Tanke	r
ontainer: 32	Shipment Volume:	3200	Volume Units: Gall	ons	Shipm Frequ	Other		Annual Volume: 3	200
Federal and St	ate Regulatory Inform	ation							
	ene NESHAP regulated b						Yes	■ No	
his waste from	State or Federal Superfu	and Subject to	CERCLA?				☐ Yes	■ No	
te Waste Codes:									
A Waste Codes:	D006								



v. shipping / P	ackaging Infor	mation													
DOT Hazardous N	Material / Waste?	Yes	□ No	UN / NA	# UN3	3082	Packagi	ng Group:	III Ha:	zardous Cl	ass(es): 9				
DOT Proper Shipping Name:	Environm	ontall	v. 0 = 0	د د اد د							9				
NOS Hazardous	Environm	ientali	у нага	rdol	is Sub:	star	ce, Li	quid, N	.O.S.						
Constituents:	Cadmium														
ERG#: 171	RQ:	Yes	No RQ	Basis:	DOOG				20.1/5/10-10-11						
Marine Pollutant	os defined .	V			D006				RQ Value in lbs	:					
by 49 CFR 171.8	as defined	Yes 🔳	No If Yes	, descril	oe:				24 Hour Emerg Contact Number		800-42	4-9300			
VI. Physical Cha	racteristics														
		Suspended			Laurana										
Color: Green	Sol	ids:	3-5%		Layers:	Single	Phase		Specific 1.0 - Gravity:	1.2	Or Actua	I			
Odor: None	Odor	(describe):					pH: 5	- 10	Dry We	eight Ton P	er Gallon:				
Flash >200 F	Flash I Test N	Point Method:	Select		Tota	al alinity	0	VOC	0	Ammo					
					(mg/			Concenti (ppm):	ration	Ammo		es 🗌 No			
VII. Chemical Co															
Chemical Compo			00%) All co	mpour	nds of >/=	=1% c	oncentra	tion must b	pe listed.						
Constituent (no to	rade names)	Min	Max	% or	ppm		Consti	tuent (no t	rade names)	Min	Max	% or ppm			
Water		80	90	%			Chro	mium		4.22	4.22	ppm			
Nickel Sulfa	ate	5	10	%			Lead	d		1.65	1.65	ppm			
Sodium Hypo	phosphite	1	5	%								ppm			
Ammonium	Hydroxide	1	2	96								ppm			
Cadmium		1.64	1.64	ppm								ppm			
Vaste Composition	is determined by		Analysis		Safety [Data Sk	neet (SDS)		Process Knowledg	10					
					Suicty	Jata Ji	ieet (303)		rocess knowledg	ge .					
lave you taken a s									■ Ye	es No	0				
s the representativ	e sample collec	ted in acc	cordance v	vith US	EPA 40 C	FR 26	1.20 (c) o	r equivaler	nt?	es N	0				
ample Type: Cor	nposite Sample		Samp	le ID#:	Spent	t EN	with Me	etals	Sample Date (mm/dd/yy):	8/15/	24				
ist additional sampl nd/or list the produ ubmitted:															



VIII. Chemical Properties

RCRA Items:				State Regulated:					Operational:			
Arsenic	None	.023	PPM	TPH (TX & CA)		None		PPM	Bromide	Telepoor .		
Barium	None	.0138	PPM	Antimony (TX &CA)		None		PPM			None	PPM
Cadmium	None	1.64	PPM	Beryllium (TX & CA)		None			Calcium		None	PPM
Chromium	None	4.22	PPM	Nickel (TX & CA)	PRODUCT OF THE PARTY OF T			PPM	Chloride		None	PPM
Lead	None	1.65	PPM			None		PPM	Fluoride (CA)		None	PPM
Mercury		1.05		Chromium VI (CA)		None		PPM	lodine		None	PPM
	None		PPM	Cobalt (CA)	-	None		PPM	Iron		None	PPM
Selenium	None	.056	PPM	Copper (CA)		None		PPM	Magnesium		None	PPM
Silver	None	.001	PPM	Molybdenum (CA)		None		PPM	Potassium		None	PPM
				Thallium (CA)		None		PPM	Sodium		None	PPM
				Vanadium (CA)		None		PPM	Sulfur		None	PPM
				Zinc (CA)		None		PPM				
PCB's (per 40 CFR 761)	Properties None	Certific	PPM	Pathogens	erec	No No	Y	es. If Yes, p	blease explain:			
Benzene	None		PPM	Pesticides		No	Y	es. If Yes,	olease explain:			
Dioxins	None		PPM	Polvmerizes		No	Υ	es. If Yes, p	please explain:			
Sulfides	None		PPM	Radioactives		No	Y	es. If Yes, p	please explain:			
Cyanides	None		PPM	Water Reactives		No	Y	es. If Yes, p	please explain:			
Oxidizer	None		PPM	Other Reactives		No	Υ	es. If Yes, p	please explain:			
Pentachlorophe	nol 🔳	No	Yes	. If Yes, please explain:								
OSHA Carcinoge	n 🔳	No	Yes	. If Yes, please explain:								

description of the waste material my knowledge, all Analytical Rest the waste. In addition, I certify to processing, and disposing of the willful omissions or misrepresent give written notice of any change indemnify and hold harmless the	being offered for disposal and all I sults/Material Safety Data Sheets su hat all known or suspected hazards waste material that is the subject of ations as to the composition and pro- e or condition pertaining to the was a disposal facility for any damages of	rmation contained herein is a true, complete and accurate known or suspected hazards have been disclosed. To the best of abmitted are truthful and complete and are representative of involved in handling, transporting, storing, treating or fithis profile have been disclosed and that no deliberate or reperties of the waste have been made. I shall immediately te not provided herein. Our company hereby agrees to fully or losses resulting from this certification being inaccurate or posal a waste material that does not conform to this waste
Cody Alf	CSR	Certified Env. Solutions
Authorized Representative Name (Printed)	Title (Printed)	Company Name
Cooly Off		8/13/24
Representa	tive Signature	Date



Dispos	al Facility:								\	Wast	te Profile #:			
										Sales	s Rep #:			
I. Gen	erator Infor	mation												,
Genera	ator Name:	Kentor	n County Airport	Board										
Addres	ss:		3087 Term	inal Driv	'e									
City:	Hebron			County:	Boone)			State:	K	Υ		Zip:	41018
State I	D/Reg No:			EPA ID #:	KYD9	9805	57516)				NAICS	#: 2	18819
Genera	ator Mailing A	Address	(if diff	erent) PO	Box 75	200	0							
City:	Cincinn	ati		County:	Hamilt	on			State:	C	ЭH		Zip:	45275
Genera	ator Contact N	Name:	Cole Mus	ial					Ema	ail:	cmusial@d	vgair	port.	com
Phone	Number:	859-7	39-1453		E	xt:			Fax	Nun	nber:			
II. Billi	ng Informat	tion												
Bill To:	EQ ind	ustria	l Services, I	nc.			Contact	t Nam	e: (Cha	nd VanCoill	ie		
Billing A	ddress:	17440	College Pa	rkway				Ema	il: C\	var	ncoillie@re _l	public	serv	ices.com
City:	Livonia			State:	/lichiga	an		Z	ip: 4	81	52 Phoi	ne: 24	48-96	51-1886
III Wa	ste Stream I	Informa	ntion											
	 [
ranic o	A Waste.	AFFF	insate											
Process Genera Waste:	I A E	FF rin	sate from c	lecontan	ninatio	n of	fire tru	ucks	at C	ZVG	Airport.			
	e from a TSDF dation Proces		☐ Yes 🔳	No Wa	Nor	n-Haza	rdous No	n-Ind	ustrial	•	Container Type:	Bulk	k Tanke	er 🔻
Volum Contai	500	00	Shipment Volume:	50,000	Volum Units:	Call	ons		Shipm Freque		: Weekly	Annu Volur	5	0,000 - 100,000
IV. Fed	eral and Sta	ite Regi	ulatory Inform	ation										
Is this v	waste Benzer	ne NESH	IAP regulated b	y 40 CFR 61	.342?						☐ Yes	. N	0	
Is this v	waste from S	tate or F	ederal Superfu	nd Subject t	o CERCLA	ι?					☐ Yes	i ■ N	lo	
State W	aste Codes:	N/A												
RCRA W	'aste Codes:	N/A												

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profil

Page 1 Sept 2020



V. Shipping / Packaging Information	
	eging Group:Select Hazardous Class(es):
DOT Proper Shipping Name: Non Regulated Liquid	
NOS Hazardous	
Constituents:	
ERG#: RQ: Yes No RQ Basis:	RQ Value in lbs:
Marine Pollutant as defined Yes No If Yes, describe: by 49 CFR 171.8	24 Hour Emergency Contact Number: 859-739-1453
VI. Physical Characteristics	
Primary Gray % Suspended O-1% Layers: Single Phase Solids:	Specific Gravity: 0.8 - 1.0 or Actual 1.0
Odor: None Odor (describe): pH:	5 - 10
Flash Point: None Total Alkalinity (mg/L):	VOC Ammonia / Ammonia / Ammonia (ppm): Compounds
VII. Chemical Composition	(pp.i.).
Chemical Composition (Must add up to 100%) All compounds of >/=1% concer	ntration must be listed.
	nstituent (no trade names) Min Max % or ppm
See attached SDS sheets/Analysis ppm	ppm
ppm	ppm
Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge
Have you taken a sample?	■ Yes □ No
Is the representative sample collected in accordance with US EPA 40 CFR 261.20 ((c) or equivalent?
Sample Type: Grab Sample Sample Sample ID #: CWSM100423 Cincinnati	Sample Date (mm/dd/yy): 10/04/23
List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:	

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile

Page 2 Sept 2020



VIII.	Chemical	Propertie

RCRA Items	:		State Regulated:					Operational:		
Arsenic	None	PPM	TPH (TX & CA)		None		PPM	Bromide	None	PPM
Barium	None	PPM	Antimony (TX &CA)		None		PPM	Calcium	None	PPM
Cadmium	None	PPM	Beryllium (TX & CA)		None		PPM	Chloride	None	PPM
Chromium	None	PPM	Nickel (TX & CA)		None		PPM	Fluoride (CA)	None	PPM
Lead	None	PPM	Chromium VI (CA)		None		PPM	Iodine	None	PPM
Mercury	None	PPM	Cobalt (CA)		None		PPM	Iron	None	PPM
Selenium	None	PPM	Copper (CA)		None		PPM	Magnesium	None	PPM
Silver	None	PPM	Molybdenum (CA)		None		PPM	Potassium	None	PPM
			Thallium (CA)		None		PPM	Sodium	None	PPM
			Vanadium (CA)		None		PPM	Sulfur	None	PPM
			Zinc (CA)		None		PPM			
IX. Chemical	Properties	Certification	(Each item must be ans	wered	d)					
PCB's (per 40 CFR 761)	None	PPM	Pathogens		No [Ye	es. If Yes, p	lease explain:		
Benzene	None	PPM	Pesticides		No	Ye	es. If Yes, p	lease explain:		
Dioxins	None	PPM	Polvmerizes		No	Ye	es. If Yes, p	lease explain:		
Sulfides	None	PPM	Radioactives		No	Ye	es. If Yes, p	lease explain:		
Cyanides	None	PPM	Water Reactives		No	Ye	es. If Yes, p	lease explain:		
Oxidizer	None	PPM	Other Reactives		No	Ye	es. If Yes, p	lease explain:		
Pentachloroph	nenol	No No	es. If Yes, please explain:							
OSHA Carcino	gen	No No	es. If Yes, please explain:							

X. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. To the best of my knowledge, all Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste. In addition, I certify that all known or suspected hazards involved in handling, transporting, storing, treating or processing, and disposing of the waste material that is the subject of this profile have been disclosed and that no deliberate or willful omissions or misrepresentations as to the composition and properties of the waste have been made. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify and hold harmless the disposal facility for any damages or losses resulting from this certification being inaccurate or untrue and for any damages or losses resulting from offering for disposal a waste material that does not conform to this waste profile and certification.

Cole Musial	Manager of Env Compliance	Kenton County Airport Board
Authorized Representative Name (Printed)	Title (Printed)	Company Name
Cele Musi C	Digitally signed by Cole Musial Date: 2024.09.18 14:27:22 -04'00'	9/18/2024
Dammaaan	stativo Signaturo	Date

Representative Signature

Date



Disposal Fa	acility:	6440 ¤C DETROIT INDUSTRIAL WELL							▼ ∨	/aste Profi	ile #:				
									S	ales Rep #:	: Ho	ouse Ac	ct.		
I. Generat	tor Infor	mation													
Generator	Name:	Environr	nental Servi	ces Inc.											
Address:		2	2153 Kii	ng & Wh	ittle Ro	d, RR#	3								
City: Til	lbury			County	: Can	ada			State:	Onta	rio		Zip:	NOP	2L0
State ID/R	eg No: EPA ID #: MIR000016055											NAICS	s #: 3	2281	
Generator	Mailing A	Address	(if d	lifferent)											
City:				County:					State:				Zip:		
Generator	Contact	Name:	G. Pete	Hennin					Emai	l: gher	nnin@ı	epul	_ blicse	rvices	s.com
Phone Nui	mber:	519-68	2-2903			Ext:			Fax N	Number:		•			
II. Billing I	Informa	tion				J L			J						
Bill To:	Same						Conta	ct Name	e:						
Billing Addr	ess:							Emai	1:						
City:				State:				Zi	p:		Phon	e:			
III. Waste Name of Wa															
ivallie of vv	aste.	Spent F	HCL Acid												
Process Generating Waste:	clea	aning of r	acks. Wast	bon steel. Fing identication	ts 4 diffe	erent Co	rbec Inc	locatio	ons (La	chine QC	, St-Augı				
Is Waste fro			☐ Yes [i	■I No	Vaste Type:	Hazardoı	us				ontainer ype:	Bul	k Tanke	r	_
Volume Pe Container:	/ X	00	Shipment Volume:	78000		lume Gal nits:	lons		Shipme Frequei	Ollari	terly 🔽	Annı Volu		15000)
IV. Federa	l and Sta	ate Regula	atory Infor	mation											
Is this wast	te Benze	ne NESHA	P regulated	l by 40 CFR	61.342?						☐ Yes	<u> </u>	No		
Is this wast	te from S	State or Fe	deral Super	fund Subjec	t to CER	CLA?					☐ Yes	I	No		
State Waste	e Codes:														
RCRA Waste	e Codes:	D002	D007	7] [,					

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profil

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V. Shipping / Packaging Inform DOT Hazardous Material / Waste?		un/na# 326	4 Packaging	Group: II	Hazardous Class	s(es): 8	
DOT Proper Shipping Name: WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.							
NOS Hazardous Constituents: Hydrochlor	c Acid						
ERG#: 154 RQ: Yes No RQ Basis: pounds RQ Value in lbs: 5000							
Marine Pollutant as defined Yes No If Yes, describe: 24 Hour Emergency Contact Number:							
VI. Physical Characteristics							
Primary brown % Suspended Solids: Single Phase Specific Gravity: Specific Gravity: 1.3 - 1.4 Or Actual 1.38							
Odor: None Odor (describe):		pH: <2	•	Dry Weight Ton Pe	er Gallon:	
Flash Point: Flash F	INOHE		otal Ikalinity ng/L):	VOC Concentration (ppm):	Ammon Ammon Compou	_{nia} 🔲 Yes 🔳 No	
VII. Chemical Composition							
Chemical Composition (Must add	l up to 100%) Al	I compounds of >	/=1% concentrati	ion must be listed.			
Constituent (no trade names)	Min Ma	x % or ppm	Constit	uent (no trade nar	mes) Min	Max % or ppm	
Hydrochloric Acid	5 20	%				ppm	
Water	80 95	%				ppm	
		ppm				ppm	
		ppm				ppm	
		ppm				ppm	
Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge							
Have you taken a sample?					■ Yes □ No)	
Is the representative sample collection	ted in accordar	ce with US EPA 40) CFR 261.20 (c) o	r equivalent?	Yes No)	
Sample Type: Grab Sample	S	ample ID #:		Sample (mm/c	e Date dd/yy):	3rd 2024	
List additional sample ID#(s) and dates and/or list the product name of each SDS submitted: Sample comes from actual load into Detroit North on Jan 3rd 2024. Jake Danko sent a sample to Romulus for testing and compatibility.							

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile

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	~ .		_	
VIII.	Che	mıcai	Pro	perties

RCRA Items	:			State Regulated:					Operational:			
Arsenic	None		PPM	TPH (TX & CA)		None		PPM	Bromide	None		PPM
Barium	None		PPM	Antimony (TX &CA)		None		PPM	Calcium	None		PPM
Cadmium	None		PPM	Beryllium (TX & CA)		None		PPM	Chloride	None		PPM
Chromium	None	81	PPM	Nickel (TX & CA)		None	170	PPM	Fluoride (CA)	None		PPM
Lead	None		PPM	Chromium VI (CA)		None		PPM	Iodine	None		PPM
Mercury	None		PPM	Cobalt (CA)		None	4.6	PPM	Iron	None	55000	PPM
Selenium	None		PPM	Copper (CA)		None		PPM	Magnesium	None		PPM
Silver	None		PPM	Molybdenum (CA)		None		PPM	Potassium	None		PPM
				Thallium (CA)		None		PPM	Sodium	None		PPM
				Vanadium (CA)		None	11	PPM	Sulfur	None		PPM
				Zinc (CA)		None	87000	PPM				
IX. Chemical	Properties	s Certific	cation (Ea	ch item must be ans	wered	l)						
PCB's (per 40 CFR 761)	None		PPM	Pathogens		No	Y	es. If Yes, pl	ease explain:			
Benzene	None		PPM	Pesticides		No	Y	es. If Yes, pl	ease explain:			
Dioxins	None		PPM	Polvmerizes		No	Y	es. If Yes, pl	ease explain:			
Sulfides	■ None		PPM	Radioactives		No	Y	es. If Yes, pl	ease explain:			
Cyanides	None		PPM	Water Reactives		No	Y	es. If Yes, pl	ease explain:			
Oxidizer	None		PPM	Other Reactives		No	Y	es. If Yes, pl	ease explain:			
Pentachloroph	nenol	No	Yes.	If Yes, please explain:								
OSHA Carcino	gen I	No	Yes.	If Yes, please explain:								

X. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. To the best of my knowledge, all Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste. In addition, I certify that all known or suspected hazards involved in handling, transporting, storing, treating or processing, and disposing of the waste material that is the subject of this profile have been disclosed and that no deliberate or willful omissions or misrepresentations as to the composition and properties of the waste have been made. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify and hold harmless the disposal facility for any damages or losses resulting from this certification being inaccurate or untrue and for any damages or losses resulting from offering for disposal a waste material that does not conform to this waste profile and certification.

G Pete Hennin	Compliance Specialist	Republic Services - Tilbury			
Authorized Representative Name (Printed)	Title (Printed)	Company Name			
6 Pete Hemmin		10/01/2024			
Representa	ative Signature	Date			



PREPARED FOR

Attn: James Mackinnon Republic Industrial and Energy Solutions 28470 Citrin Dr Romulus, Michigan 48174

ANALYTICAL REPORT

Generated 11/26/2024 6:33:25 PM

JOB DESCRIPTION

RIES MONTHLY F039

JOB NUMBER

190-35722-1

Eurofins Michigan 10448 Citation Drive Suite 200 Brighton MI 48116



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 11/26/2024 6:33:25 PM

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

Sue Schafer

Client: Republic Industrial and Energy Solutions Project/Site: RIES MONTHLY F039 Laboratory Job ID: 190-35722-1

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sotope Dilution Summary	17

3

6

Sample Summary

Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

Job ID: 190-35722-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
190-35722-1	FO39 Oct 2024	Water	11/01/24 00:00	11/08/24 14:46

3

Case Narrative

Client: Republic Industrial and Energy Solutions

Project: RIES MONTHLY F039

Job ID: 190-35722-1 Eurofins Michigan

Job Narrative 190-35722-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 11/8/2024 2:46 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 20.0°C.

GC/MS Semi VOA

Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-634724.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: FO39 Oct 2024 (190-35722-1). Elevated reporting limits (RLs) are provided.

Method 8270E: The following sample was extracted outside of sample holding times due to request for analysis originating after sample hold times had expired: FO39 Oct 2024 (190-35722-1).

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

Pesticides

Method 8081B: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: FO39 Oct 2024 (190-35722-1).

Method 8081B: The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (low biased) on the primary column: FO39 Oct 2024 (190-35722-1). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8081B: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: FO39 Oct 2024 (190-35722-1), (LCS 240-635058/19-A) and (MB 240-635058/18-A).

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

Dioxir

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

Eurofins Michigan

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Job ID: 190-35722-1

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Client Sample Results

Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

Client Sample ID: FO39 Oct 2024

Date Collected: 11/01/24 00:00 Date Received: 11/08/24 14:46 Job ID: 190-35722-1

Lab Sample ID: 190-35722-1

Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<25	Н	25	ug/L		11/11/24 08:36	11/20/24 17:04	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	64		43 - 136			11/11/24 08:36	11/20/24 17:04	5
Phenol-d5 (Surr)	16		10 - 120			11/11/24 08:36	11/20/24 17:04	5
Nitrobenzene-d5 (Surr)	70		40 - 120			11/11/24 08:36	11/20/24 17:04	5
2-Fluorophenol (Surr)	32		10 - 127			11/11/24 08:36	11/20/24 17:04	5
2-Fluorobiphenyl (Surr)	75		41 - 120			11/11/24 08:36	11/20/24 17:04	5
2,4,6-Tribromophenol (Surr)	98		23 - 127			11/11/24 08:36	11/20/24 17:04	5

9	
5	
5	
5	0
5	0
5	

Method: SW846 8081B - Orga	anochlorine Pestici	ides (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.066	Н	0.066	ug/L		11/13/24 09:12	11/14/24 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Surrogate DCB Decachlorobiphenyl		Qualifier	Limits 10 - 145			Prepared 11/13/24 09:12	Analyzed 11/14/24 16:54	Dil Fac

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi	<49		49		pg/L		11/18/24 08:38	11/22/24 12:39	1
n									
1,2,3,4,7,8-HxCDD	<49		49		pg/L		11/18/24 08:38	11/22/24 12:39	1
1,2,3,6,7,8-HxCDD	<49		49		pg/L		11/18/24 08:38	11/22/24 12:39	1
1,2,3,4,6,7,8,9-Octachlorodibenzofura	<99		99		pg/L		11/18/24 08:38	11/22/24 12:39	1
n 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d	<99		99		pg/L		11/18/24 08:38	11/22/24 12:39	1
ioxin									
2,3,7,8-tetrachlorodibenzo-p-dioxin	<9.9		9.9		pg/L		11/18/24 08:38	11/22/24 12:39	1
(TCDD)									
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	62		40 - 135				11/18/24 08:38	11/22/24 12:39	1
13C-1,2,3,6,7,8-HxCDD	65		40 - 135				11/18/24 08:38	11/22/24 12:39	1
13C-OCDD	59		40 - 135				11/18/24 08:38	11/22/24 12:39	1
13C-OCDF	53		40 - 135				11/18/24 08:38	11/22/24 12:39	1
13C-2,3,7,8-TCDD	66		40 - 135				11/18/24 08:38	11/22/24 12:39	1

Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

Job ID: 190-35722-1

Prep Type: Total/NA

Prep Batch: 634724

Prep Type: Total/NA **Prep Batch: 634724**

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

Lab Sample ID: MB 240-634724/1-A **Client Sample ID: Method Blank**

Matrix: Water

Analysis Batch: 635800

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0	ug/L		11/11/24 08:36	11/19/24 10:19	1

	MB	МВ				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	100		43 - 136	11/11/24 08:36	11/19/24 10:19	1
Phenol-d5 (Surr)	64		10 - 120	11/11/24 08:36	11/19/24 10:19	1
Nitrobenzene-d5 (Surr)	82		40 - 120	11/11/24 08:36	11/19/24 10:19	1
2-Fluorophenol (Surr)	96		10 - 127	11/11/24 08:36	11/19/24 10:19	1
2-Fluorobiphenyl (Surr)	85		41 - 120	11/11/24 08:36	11/19/24 10:19	1
2,4,6-Tribromophenol (Surr)	72		23 - 127	11/11/24 08:36	11/19/24 10:19	1
_						

Lab Sample ID: LCS 240-634724/2-A **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 635800

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrosodimethylamine	32.0	16.0		ug/L		50	10 - 120	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
Terphenyl-d14 (Surr)	82		43 - 136
Phenol-d5 (Surr)	72		10 - 120
Nitrobenzene-d5 (Surr)	86		40 - 120
2-Fluorophenol (Surr)	120		10 - 127
2-Fluorobiphenyl (Surr)	81		41 - 120
2,4,6-Tribromophenol (Surr)	88		23 - 127

Lab Sample ID: LCSD 240-634724/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Water

Analysis Batch: 635800

Prep Type: Total/NA
Drop Patch: 624724

Prep Batch: 634724

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrosodimethylamine	32.0	15.5	-	ug/L		49	10 - 120	3	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
Terphenyl-d14 (Surr)	80		43 - 136
Phenol-d5 (Surr)	68		10 - 120
Nitrobenzene-d5 (Surr)	83		40 - 120
2-Fluorophenol (Surr)	115		10 - 127
2-Fluorobiphenyl (Surr)	80		41 - 120
2,4,6-Tribromophenol (Surr)	90		23 - 127

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-635058/18-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 635249

_	МВ	MB					•	
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050	ug/L		11/13/24 09:13	11/14/24 13:56	1

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Prep Type: Total/NA

Prep Batch: 635058

2

Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

Job ID: 190-35722-1

Client Sample ID: Method Blank

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

	MB MB				
Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102	10 - 145	11/13/24 09:13	11/14/24 13:56	1
Tetrachloro-m-xylene	72	10 - 123	11/13/24 09:13	11/14/24 13:56	1

Lab Sample ID: MB 240-635058/1-A

Matrix: Water

Analysis Batch: 635079

Prep Type: Total/NA
Prep Batch: 635058

MB MB Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Aldrin <0.013 0.013 ug/L 11/13/24 09:12 11/13/24 20:36

MB MB %Recovery Qualifier Limits Prepared Dil Fac Surrogate Analyzed DCB Decachlorobiphenyl 10 - 145 11/13/24 09:12 11/13/24 20:36 96 Tetrachloro-m-xylene 72 10 - 123 11/13/24 09:12 11/13/24 20:36

Lab Sample ID: LCS 240-635058/19-A

Matrix: Water

Analysis Batch: 635249

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

Prep Batch: 635058

 Analyte
 Added Aldrin
 Result 1.00
 Qualifier Unit Ug/L
 Unit Ug/L
 D VRec Value
 Limits Value

 Surrogate
 %Recovery
 Qualifier
 Limits

 DCB Decachlorobiphenyl
 89
 10 - 145

 Tetrachloro-m-xylene
 50
 10 - 123

Lab Sample ID: LCS 240-635058/2-A

Matrix: Water

Analysis Batch: 635079

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 635058

 Analyte
 Added
 Result
 Qualifier
 Unit
 D
 %Rec
 Limits

 Aldrin
 0.250
 0.167
 ug/L
 67
 26 - 120

 Surrogate
 %Recovery
 Qualifier
 Limits

 DCB Decachlorobiphenyl
 81
 10 - 145

 Tetrachloro-m-xylene
 54
 10 - 123

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

Lab Sample ID: MB 320-815970/1-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 817195

Prep Type: Total/NA Prep Batch: 815970

		MB	MB							
	Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxi	<50		50		pg/L		11/18/24 08:38	11/22/24 10:18	1
l	n									
	1,2,3,4,7,8-HxCDD	<50		50		pg/L		11/18/24 08:38	11/22/24 10:18	1
	1,2,3,6,7,8-HxCDD	<50		50		pg/L		11/18/24 08:38	11/22/24 10:18	1
I	1,2,3,4,6,7,8,9-Octachlorodibenzofura	<100		100		pg/L		11/18/24 08:38	11/22/24 10:18	1
	n									
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-d	<100		100		pg/L		11/18/24 08:38	11/22/24 10:18	1
	ioxin									

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Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

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

Lab Sample ID: MB 320-815970/1-A

Matrix: Water

Analysis Batch: 817195

Prep Type: Total/NA

Prep Batch: 815970

Analyte	Result Qualifier	RL	EDL Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-tetrachlorodibenzo-p-dioxin	<10	10	pg/L		11/18/24 08:38	11/22/24 10:18	1
(TCDD)							

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MB MB

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	77		40 - 135	11/18/24 08:	38 11/22/24 10:18	1
13C-1,2,3,6,7,8-HxCDD	89		40 - 135	11/18/24 08:	38 11/22/24 10:18	1
13C-OCDD	83		40 - 135	11/18/24 08:	38 11/22/24 10:18	1
13C-OCDF	78		40 - 135	11/18/24 08:	38 11/22/24 10:18	1
13C-2,3,7,8-TCDD	86		40 - 135	11/18/24 08:	38 11/22/24 10:18	1

Lab Sample ID: LCS 320-815970/2-A

Lab Sample ID: LCSD 320-815970/3-A

Matrix: Water

Analysis Batch: 817195

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 815970**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,2,3,7,8,9-Hexachlorodibenzo-p -dioxin	1000	1030		pg/L		103	59 - 148	
1,2,3,4,7,8-HxCDD	1000	1140		pg/L		114	64 - 131	
1,2,3,6,7,8-HxCDD	1000	975		pg/L		97	66 - 148	
1,2,3,4,6,7,8,9-Octachlorodibenz ofuran	2000	2110		pg/L		105	68 - 134	
1,2,3,4,6,7,8,9-Octachlorodibenz o-p-dioxin	2000	1940		pg/L		97	64 - 142	
2,3,7,8-tetrachlorodibenzo-p-dio xin (TCDD)	200	200		pg/L		100	66 - 146	

Matrix: Water

Analysis Batch: 817195

	LUS	LCS	
Isotope Dilution	%Recovery	Qualifier	Limits
13C-1,2,3,4,7,8-HxCDD	77		40 - 135
13C-1,2,3,6,7,8-HxCDD	88		40 - 135
13C-OCDD	83		40 - 135
13C-OCDF	81		40 - 135
13C-2,3,7,8-TCDD	84		40 - 135

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

Prep Batch: 815970

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit 1,2,3,7,8,9-Hexachlorodibenzo-p 1000 931 pg/L 93 59 - 148 10 20 -dioxin 1,2,3,4,7,8-HxCDD 1000 1000 100 64 - 131 pg/L 13 20 1,2,3,6,7,8-HxCDD 1000 843 84 66 - 148 20 pg/L 15 2000 1810 68 - 134 1,2,3,4,6,7,8,9-Octachlorodibenz pg/L 90 15 20 ofuran 1,2,3,4,6,7,8,9-Octachlorodibenz 2000 1710 pg/L 64 - 142 20 200 2,3,7,8-tetrachlorodibenzo-p-dio 181 pg/L 90 66 - 146 10 20 xin (TCDD)

LCSD LCSD

Isotope Dilution %Recovery Qualifier Limits 13C-1,2,3,4,7,8-HxCDD 58 40 - 135

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QC Sample Results

Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

Job ID: 190-35722-1

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 815970

Lab Sample ID: LCSD 320-815970/3-A

Matrix: Water

Analysis Batch: 817195

	LCSD	LCSD	
Isotope Dilution	%Recovery	Qualifier	Limits
13C-1,2,3,6,7,8-HxCDD	65		40 - 135
13C-OCDD	63		40 - 135
13C-OCDF	60		40 - 135
13C-2,3,7,8-TCDD	67		40 - 135

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

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Definitions/Glossary

Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

Job ID: 190-35722-1

Qualifiers

GC/MS Semi VOA

Qualifier Qualifier Description

H Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

GC Semi VOA

Qualifier Qualifier Description

H Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

Abbreviation	These commonly	y used abbreviations may	or may not be	present in this report
ADDIEVIALIOII	THESE COMMISSIONS	y useu abbi evialions maj	y Oi illay liot be	present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%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 analysis 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 Practical Quantitation Lim
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

Eurofins Michigan

11/26/2024

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Sinc Cuncer	Client Contact	Regulatory program: DW	NPDES RCRA Other	Entrange of the string
Comparison Com	Company Name:			TANK 2
Control Cont	Republic Industrial and Energy Solutions	Client Project Manager:	Lab Contact:	1
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Chain of Custody Record

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eurofins Environment Testing	□ Discrepar		паzаги	Information S	Client ID: Repu	
TestAmerica	☐ Short Hole			v	Vork Oder #:	35722
Cooler / Sample Receipt			□2-Da		-Day ☐Other:	
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form in Receiving box. Date: Time: _						
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Walk-In Client Eurofins TA Field/0			Box		_	No
Other Client / 3 rd Party Courier:		one	Other	:	NA (not used	d or required)
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Other:	CD−	bble V	Vrap□ F	Paper C	Blue Ice	None
		cking	Peanuts	☐ None ☐	Other:	
	Oti	her:				. 4
Bacteriological Temp Corrected (°C)	Frozen?)	Rec'd	Within 2 Hrs?	Sample Flag	ged?
Samples	Yes	No	Yes	s No	Yes	No
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Receipt Temperatures Thermometer ID Observed (°C) Corrected (°C) 200 200	C) Temp Blank	Sampl	e Temp	Acceptable Cod YNYNYN	oler ID Affected S	Samples
Receipt Temperatures Thermometer ID Observed (°C) Corrected (°C) P313207 200 20.0 Receipt Questions**	C) Temp Blank	Sampl		Acceptable Cod YNYNYN		Samples
Receipt Temperatures Chermometer ID Observed (°C) Corrected (°C) CP313207 200 20.0 Receipt Questions** CoC present and ETA receipt signature, date, and locumented?	C) Temp Blank	Sampl	e Temp	Acceptable Cod YNYNYN	oler ID Affected S	Samples
Receipt Temperatures Thermometer ID Observed (°C) Corrected (°C) CP313207 200 200 200 200 200 200 200 200 200	C) Temp Blank Indian time properly Diken, not leaking,	Sampl	e Temp	Acceptable Cod YNYNYNYN	oler ID Affected S	Samples
Receipt Temperatures Thermometer ID Observed (°C) Corrected (°C) P313267 200 200 200 200 200 200 200 200 200 20	C) Temp Blank Indian time properly Diken, not leaking,	Sampl Y /	e Temp	Acceptable Cod Y N — Y N — Y N — Y N — Who'' answers	oler ID Affected S	Samples Il comment
Receipt Temperatures Thermometer ID Observed (°C) Corrected (°C) P313207 200 20.0 Receipt Questions** CoC present and ETA receipt signature, date, and documented? Containers and Labels in good condition? (unbrown propriately filled, labels legible & attached) Appropriate containers used and adequate volunt Number of sample containers match CoC?	C) Temp Blank Indian time properly Diken, not leaking,	Sampl Y /	e Temp	Acceptable Cod YNYNYNYN	oler ID Affected S	Samples Il comment
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Eurofins Michigan

10448 Citation Drive Suite 200

Brighton, MI 48116 Phone: 810-229-2763 Fax: 810-229-0000

Chain of Custody Record



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Environment Testing

	Sampler			Lab	PM:								Camie	r Track	ing No	(s):		-	COC N	o:				
Client Information (Sub Contract Lab)	N/A					Sue							N/A		•				190-4	0672.	.1			
Client Contact: Shipping/Receiving	Phone:		······································	E-M										of Origi	n;				Page:	1 05 1				
Company:	N/A			Sue					nsus.c			!	Mich	igan			-		Page Job#:	1 0111				
Eurofins Environment Testing North Centr					N/		10113-110	oquie	0 (000	note j.									190-3	5722-	-1			
Address:	Due Date Request	ed:			†														Preser			s:		
180 S. Van Buren Avenue,	11/21/2024								A	naly	/sis	Req	uest	ted						,				
City: Barberton	TAT Requested (d	ays): N/A		2201000																				
State, Zip: OH, 44203					e de la constante	A COLUMNICA DE LA COLUMNICA DE	2	5										A CONTRACTOR OF THE PERSON OF						
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO#: N/A				0 10													-						
Email: N/A	WO#: N/A				N-JOS	Ω Q	elv4s	and a										Ľ						
Project Name: RIES MONTHLY F039	Project #: 19001517		<u></u>	-	Į. (Λέ	ō	S 5											taine						
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	111/1		Sample	Matrix	Led S	MS/MSD												1. 146 Co. 2	14/					
			Туре	{W=water, S=solid, O=waste/oli,	Fille	lom N	8081B/3510C											Number						
Sample Identification - Client ID (Lab ID)	Sample Date	Sample	(C=comp,	ST=Tissue,	leid	Perfe	89 6											Total	١,	Snoo	ial lac	tructions	/Noto	
Sample identification - Client ID (Lab ID)	Sample Date	Time	G=grab) Preservation	ARAir)	V	-	æ ¤	Na sa	10 m	7	W 70	7 3	1000				#	∀	7.	Spec	iai iiis	uacaons	mote.	
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FO39 Oct 2024 (190-35722-1)	11/1/24	Eastern	G	Water	Ш		x >	<u>\</u>		<u> </u>			_		\perp	_	븯.	6						
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Note: Since laboratory accreditations are subject to change, Eurofins Environmen	t Testing North Cent	ral, LLC places	the ownership o	f method, a	naiyte	& acc	reditati	ion ca	mplianc	e upor	n our s	ubcont	ract la	borato	ries. 7	his sa	nele si	niome	nt is forw	arded	under c	hain-of-cust	ody, If t	he
aboratory does not currently maintain accreditation in the State of Origin listed ab accreditation status should be brought to Eurofins Environment Testing North Ce	ove for analysis/test ntral, LLC attention is	s/matrix being a mmediately. If	analyzed, the sar all requested acc	nples must reditations :	be shi are cu	ipped l irrent t	oack to o date,	the E return	urofins 1 the sig	Enviro gned C	inment Shain o	: Testin f Custo	g Norl dy att	th Cent esting	ral, LL to said	compl	ratory o iance t	or other	or instruc Ofins Env	tions v rimnme	vili be pri ent Testi	ng North Co	/ change entral, Ll	LC.
Possible Hazard Identification			<u> </u>			Sam	ole D	isoo	sal / 4	l fee	mav	be as	ses	sed if	sam	oles	are re	etain	ed lon	ger ti	han 1	nonth)		—
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Deliverable Requested I, II, III, IV Other (specify)	Primary Deliver	able Rank: 2	2						ions/0		equir			· - /		·							· · · · · · · · · · · · · · · · · · ·	
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Custody Seals Intact: Custody Seal No.	<u> </u>			Page	1/1/	of C	coler T	empe	rature(s	s)°C a	nd Oth	ier Ren	narks:	·············		<u>.</u>							11/2	6/20

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MATCH Site Name Cooler unpacked by MATCH MATCH WIF FAS (Septim) Client Cooler District Stage USF PAS (Septim) Client Cooler District Stage Long-off Bar/Ime Storage Location Test Torage Test Storage Test St	Site Name Dob MLL Site Name Dob MLL		VOA Sample Preservation - Date/Time VOAs Frozen
AND ALL Sets Name Cooler unpacked by NHTCH NHTCH Opened or 114 M/2L4 Dup UNS FAS Respon Circuit Dop Off Buroths Courier Other Dup UNS FAS Respon Collection Couler Other Law born received at season of the cooler(s) signed at sext Table Wiles Day None Other Law born received Cooler The Couler Name Storage Location Coller The Converted Cooler Temp Z-6 °C Storage Location Coller The Converted Cooler Temp Z-6 °C Storage As the constance of the cooler(s) or bottle kins (LLHigh deligy) Yes As College No Test may are not decided for full by received to serior of the cooler	Color MAL Site Name Color Co		preserved:Preservative(s) added/Lot number(s)were further preserved in the lab
Color manufactory State Name Color manufactory Color manuf	Color mpacked by Color ML Color mpacked by		
COLD MIX Site Name Cooler unpacked by Collet Upper Collet unpacked by Collet Upper	Color Male Color		PLE CONDITIONwere re
Clab MIL Site Name Cooler unpacked by Coo	Dopp # Color unpacked by Color unpacked		
Cooler unpacked by MAL Site Name Cooler on 11/4/214 Copened on 1	Login # Login # Login Login Login Login Login Login		CHAIN OF CUSTODY & SAMPLE DISCREPANCIES
COOler MAL Site Name Opened on (1) 44724 WH4T2H Opened on (1) 44724 The Dopened on (1) 44724 WH4T2H Opened on (1) 44724 The Dopened on (1) 44724 WH4T2H Opened on (1) 44724 The Dopened on (1) 44724 The Dopened on (1) 44724 The Dopened on (1) 44724 Storage Location Storage Location Storage Location Storage Location Storage Location Other Storage Location Other Storage Location Other Other Other Storage Location Other Collection Storage Location Other Storage Location Other Other Other Storage Location Other Other Storage Location Other Other Other Other Storage Location Other Other Storage Location Other Other Storage Location Other Other Storage Location Other O	Coler unpacked by Coler Coler Coler unpacked by Coler Coler Coler unpacked by Coler		Concerning
Color MAC THATE THATE	Color unpacked by Color		Date by
Color unpacked by Color	AT Site Name Opened on 1114/124 Storage Location Collect Collect Storage Location Collect Collect Storage Location Collect Collect		Were VOAs on the COC? Were air bubbles >6 mm in any VOA vials? Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Yes No Was a LL Hg or Me Hg trip blank present? Yes No
The NAL Site Name Cooler was accompany the samples (Signed in the appropriate party in the (Signed to Cooler) who collected the samples clearly identified on the COC? The NAS Weyfoin Client Drop Off Eurofins Courier Other Storage Location Storage Location Storage Location Storage Location Cooler uppacked by: None Storage Location Storage Location Storage Location Cooler Temp Couler Storage Location Cooler Temp Couler Storage Location Storage Location Cooler Temp Couler The Other It Wester None (CF YO. 2 °C) Observed Cooler Temp Cooler Form A (CF YO. 2 °C) Observed Cooler Temp Cooler Form (CF YO. 2 °C) Observed Cooler Temp Cooler Form (CF YO. 2 °C) Observed Cooler Temp Cooler Form (CF YO. 2 °C) Observed Cooler Temp Cooler Form (CF YO. 2 °C) Observed Cooler Temp Cooler Form (CF YO. 2 °C) Observed Cooler Temp Cooler Form (CF YO. 2 °C) Observed Cooler Temp Cooler Form (CF YO. 3 °C) Observed Cooler Temp Coo	ATT ACCEPT FOR INVARIANCE THATEL TOPPORT DAS WASOND Client Drop Off Eurofins Courier Other Top UPS FAS WASOND Client Drop Off Eurofins Courier Other Top UPS FAS WASOND Client Drop Off Eurofins Courier Other Top UPS FAS WASOND Client Drop Off Eurofins Courier Other Top UPS FAS WASOND Client Drop Off Eurofins Courier Other Top UPS FAS WASOND Client Drop Off Eurofins Courier Other Storage Location Storage Location Storage Location Storage Location Storage Location Storage Location Collect Other Storage Location Storage Location Storage Location Collect Other Storage Location Collect Other Storage Location Storage Location Storage Location Collect Other Other Storage Location Collect Other Storage Location Collect Other Storage Location Collect Other Other Collect Other Collect Other Collect Tomp Collect Tomp Collect Tomp Collect Tomp Collect Other A (CF AD C C) Observed Cooler Temp Collect Tomp Collect Other A (CF AD C C) Observed Cooler Temp Collect Tomp Collect Other Collect Tomp Collect Other Collect Tomp Collect Other Tomp Touch of the cooler(s)? Tests that are not observed to collect of the appropriate place? Yes Off No Tests that are not observed to collected the samples clearly identified on the COC? Collect Tomp Collected the samples of pile by observing: Touch of the cooler(s)? Touch of	D	Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot#
Cooler unpacked by Cooler	Coler unpacked by Coler unpacke	4.5	Sufficient quantity received to perform indicated analyses? Are these work share samples and all listed on the COC? (C)
Tests that are not cerompany the sample(s)? y Days reliance of the cooler(s)? repuly S. FAS Wayfoin Client Drop Off Burofins Courier Other Storage Location CLIENT Blue Ice Dry Ice Water None Other T. Wetter Blue Ice Dry Ice Water None Other C. Foam Plastic Bag None Other C. Observed Cooler Temp L. Cooler Form (CF \(\frac{1}{2} \) C. Observed Cooler Temp L. Cooler Form (CF \(\frac{1}{2} \) C. Observed Cooler Temp L. Cooler Temp (CF \(\frac{1}{2} \) C. Observed Cooler Temp (CF \(\frac{1}{2} \) No (SF \(\frac{1}{2} \) No	And Sample Receipt FormiNarrative Color Color		0
Cooler unpacked by: Cooler Cooler	Site Name Color Martine Color		
Coler unpacked by Opened on (1/4/2) The Part Part Popend on (1/4/2) The Part Part Popend on (1/4/2) The Opened on (1/4/2) Opened on (1/4/2) The Opened on (1/4/2) Opened on (1/4/2) The Opened on (1/4	Cooler unpacked by Clab ML Site Name Opened on 11/4/214 The UPS FAS Wayfoin Client Drop Off Eurofins Courier Other S. Drop-off Date/Time Exam Box Client Cooler Box Other In Wetter Bulle Ice Dry Ice Water None All CF 70.2 °C) Observed Cooler Temp Cooler Form (CF 70.2 °C) Observed Cooler Temp Cooler Form (CF 70.2 °C) Observed Cooler Temp Corrected Cooler Temp Cooler Form Cooler Temp Cooler Form Cooler Temp Cooler Form Cooler F		Were the custody papers relinquished & signed in the appropriate place? Was/were the person(s) who collected the samples clearly identified on the COC? Yes You
Cooler unpacked by Cooler unpacked by Cooler unpacked by	AND LESS Waypoin Client Drop Off Eurofins Courier Other Storage Location Client Drop Off Eurofins Courier Other Storage Location Client Cooler Box Other Storage Location Storage Location Cooler unpacked by Cooler unpacked by None Other The proposition Client Cooler Box Other Storage Location Storage Location Storage Location Cother Storage Location Cother Cother Storage Location Cother Cother Storage Location Cother Cother Storage Location Cother Cother Cother Storage Location Cother Co		Shippers' packing slip attached to the cooler(s)? Did custody papers accompany the sample(s)? Toc
Cooler unpacked by	Cooler unpacked by: Cooler unpacked by:		-Were tamper/custody seals intact and uncompromised?
Cooler unpacked by Charles Cooler Cooler unpacked by Co	Cab MI Site Name Cooler unpacked by: Cab MI Site Name Cooler unpacked by:		Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity -Were the seals on the outside of the cooler(s) signed & dated? -Were tamper/custody seals on the hottle(s) or hottle kits (I I Ho/MeHo)? -Were tamper/custody seals on the hottle(s) or hottle kits (I I Ho/MeHo)? -Were tamper/custody seals on the hottle(s) or hottle kits (I I Ho/MeHo)? -Were tamper/custody seals on the outside of the cooler(s) signed & dated? -Were tamper/custody seals on the outside of the cooler(s) signed & dated? -Were tamper/custody seals on the outside of the cooler(s) signed & dated? -Were tamper/custody seals on the outside of the cooler(s) signed & dated? -Were tamper/custody seals on the outside of the cooler(s) signed & dated?
And Sample Receipt Norman Rogin # 1026 MIL Site Name Opened on 11 4724 Opened on 11 4724 Opened on 11 4724 Opened on 11 4724 Storage Location Storage Location	In the sample Receipt Forms/Narrative Cab Ma		IR GUN # 2) (CF 70.2 °C) Observed Cooler Temp 2.4 °C Corrected Cooler Temp 2.6 °C
And Sample Receipt Formivariative Login # Cab Mai	And Sample Receipt Forms Narrative Login#: Cab Max Site Name		COOLANT. Wetto Blue Ice Dry Ice Water
And Sample Receipt formivarrative togin # 200 ML Site Name \(\lambda \) \ \lambda \) Site Name \(\lambda \) \ \lambda \) Opened on \(\lambda \) \ \ \ \ \ \ \ \ \ \ \ \ \	And Sample Receipt Forms Narrative Cab Max Site Name		rial used: Wibble Wran Foam Plastic Bag None
1100 MA Site Name Opened on (1/4/2) Opened on (1/4/2)	And Sample Receipt Form/Narrative Cob		Drop-off Date/Time Storage Location
Tryer)cb MI Site Name	Tryer)ab Mi Site Name Login#		110124 Opened on (1147)
			b MI Site Name

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Chain of Custody Record

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

ormation (Sub Contract Lab)	Sampler N/A	Control of the Contro	Lab PM: Schafer, Sue	r, Sue					Carri. N/A	Carrier Tracking No(s): N/A	cking No	:(s)c		COC No. 190-40	COC No: 190-40671 1	
tact g/Recerving	Phone: N/A		E-Mail: Sue.S	hafer	@et.eu	E-Mail: Sue.Schafer@et.eurofinsus.com	s.com		ťSΣ	State of Origin. Michigan	igin.			Page: Page	Page: Page 1 of 1	
Company Eurofins Environment Testing Northern Ca			<u> </u>	credita /A	ions Rec	Accreditations Required (See note): N/A	ee note)							Job # 190-3	Job #: 190-35722-1	
Address. 880 Riverside Parkway, ,	Due Date Requested. 11/21/2024						Anal	Analysis Requested	Sequ	sted				Pres	Preservation Codes	les:
City West Sacramento State, Zp: CA, 95605	TAT Requested (days): N	N/A														
00(Tel) 916-372-1059(Fax)	PO# N/A				1817 1:											
	wo#: N/A		Naos		Projec									SJ		
Project Name: RIES MONTHLY F039	Project #: 19001517		 		SNIXO									enistn		
Site: N/A	ssow#. N/A				geb Di									oo to N M M M	ני	
Sample Identification - Client ID (Lab ID)	Sample Date Time	Sample Type (C=comp,	Matrix (Wawater Secolid, Commercial, Comme	Perform MS/M	g_q_0628\A0628									TedmuM le3oT	Special In	Special Instructions/Note:
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FO39 Oct 2024 (190-35722-1)	11/1/24 Eastern	ŋ	Water		×									2		
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Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory or other instructions will be provided. Any changes to laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/lessis/matrix 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.	nt Testing North Central, LLC pla bove for analysis/tests/matrix bein intral, LLC attention immediately	ces the ownership ig analyzed, the sa If all requested ac	of method, analy amples must be s creditations are	te & ac hipped current	reditatio back to tl o date, r	n compli he Eurof etum the	ance up ins Envi	on our su onment Chain of	Jbcontra Testing Custody	ct labora North Ce r attestin	tories. antral, LI g to saío	This san C labor d compli	nple ship atory or ance to	oment is fo other instr Eurofins E	orwarded under ructions will be Environment Te	chain-of-custody If the orovided. Any changes to sting North Central, LLC.
Possible Hazard Identification				Sam	ple Dis	le Disposal (A t	(A fe	e may	be ass	assessed if san	if san	ıples a	Te ret	tained long	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Disposal Rul ah Arthus For Mon	month)
Deliverable Requested 1, II, III, IV, Other (specify)	Primary Deliverable Rank:	c 2		Spe	ial Inst	Special Instructions/QC Requirements.	s/OCI	Require	ments							
Empty Kit Relinquished by	Date			Time.						Meth	od of St	Method of Shipment:				
Relinquished by Mcd. (A) Cypro5	Date/Time: 5/24 5	3.10pr	KLZZ Company		Received by	à					<u> </u>	Semt/eleg	Q'	A	780	Company
Relinquished by / U	Date/Time:		Company		Received by	N. Car					Δ	Date/Time:	ä			Company
Relinquished by	Date/Time:		Company		Received by		$ \ $				Δ	Date/Time:	 	,		Company
Custody Seals Intact: Custody Seal No				Ť	cooler Te	Cooler Temperature(s) °C and Other Remarks:	၁ _, (s)မ	and Oth	ar Rema	rks:	1	N	V_{i}	1		

Isotope Dilution Summary

Client: Republic Industrial and Energy Solutions

Project/Site: RIES MONTHLY F039

Job ID: 190-35722-1

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

Matrix: Water Prep Type: Total/NA

_			P	ercent Isotop	e Dilution Re	covery (Ac
		HxCDD	HxDD	OCDD	OCDF	TCDD
Lab Sample ID	Client Sample ID	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)
190-35722-1	FO39 Oct 2024	62	65	59	53	66
LCS 320-815970/2-A	Lab Control Sample	77	88	83	81	84
LCSD 320-815970/3-A	Lab Control Sample Dup	58	65	63	60	67
MB 320-815970/1-A	Method Blank	77	89	83	78	86

Surrogate Legend

HxCDD = 13C-1,2,3,4,7,8-HxCDD

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

OCDD = 13C-OCDD

OCDF = 13C-OCDF

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

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4

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6