

April 30th, 2022

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

Re: RIES Monthly Report

Dear Mr. Batka:

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

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

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

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

Sincerely,

John/K. Frost

င်င: Rick Sauve (Republic Services)

AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR	2022		
CURRENT REPORTING MONTH	March	_	
Date (month, year) of the first injection	on into either well a	at the Citrin Road Faci	lity
November 2013			

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected									
М	163-1W-C010 , Well #1-12											
Current Month	1,819,157	0	1,819,157									
Since facility first injected			44,356,251									
MI	-163-1W-C011, v	Well #2-12										
Current Month	1,581,564	0	1,581,564									
Since facility first injected			23,759,398									
and the comment of th		Lifetime Combined	68,115,648									

Conversion factors	
365.25 days per year \div 12 months per year $= 30.4375$	days per month
30.4375 days per month \times 1440 minutes per day = 43	3,830 minutes per month
<u>Calculations</u> a 9	
Whole number of months of injection	
99 lifetime much a formath of injection	40.000
lifetime number of months of injection	× 43,830 minutes/month
	= 4,339,170 minutes of injection
(0 115 400	• 57
Lifetime combined injected volume 68,115,648	
= 15.70	gpm average injection rate





Injection Well 1, March 2022

3/31/2022	3/30/2022	3/29/2022	3/28/2022	3/27/2022	3/26/2022	3/25/2022	3/24/2022	3/23/2022	3/22/2022	3/21/2022	3/20/2022	3/19/2022	3/18/2022	3/17/2022	3/16/2022	3/15/2022	3/14/2022	3/13/2022	3/12/2022	3/11/2022	3/10/2022	3/9/2022	3/8/2022	3/7/2022	3/6/2022	3/5/2022	3/4/2022	3/3/2022	3/2/2022	3/1/2022			
129.6	139.9	116.6	130.6	136.8	110.5	144.7	104.6	142.2	104.0	122.4	126.9	135.5	138.3	147.0	140.9	134.4	110.6	109.2	124.3	153.3	80.4	125.2	117.7	109.9	111.1	118.7	146.0	129.2	123.4	122.2	Min	Injection Pr	
907.7	908.0	910.4	889.1	896.3	941.4	954.2	947.0	925.5	924.8	916.6	897.0	914.2	931.1	915.9	906.7	895.4	898.8	861.2	879.5	894.9	910.3	898.1	884.4	916.9	842.7	891.8	917.1	886.7	896.0	869.6	Max	njection Pressure (psig)	
26.5	26.5	26.4	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.6	26.6	26.6	26.4	26.4	26.5	26.5	26.6	26.6	26.5	26.6	26.6	26.5	26.4	26.5	26.5	26.5	Min	Annulus Tar	
26.7	26.7	26.6	26.5	26.6	26.7	26.7	26.7	26.7	26.8	26.8	26.7	26.8	26.8	26.8	26.7	26.8	26.7	26.5	26.6	26.6	26.7	26.7	26.7	26.7	26.8	26.7	26.6	26.7	26.7	26.7	Max	Annulus Tank Level (inch)	
1132.9	1104.3	1137.8	1125.1	1112.8	1044.3	1160.2	1184.0	1,172.0	1,175.0	1143.1	1148.4	1,153.2	1,139.8	1,106.9	1,117.0	1,104.6	1,081.1	1,051.3	1,061.2	1,044.3	1,071.5	1214.7	1,156.2	1,141.1	1131.2	1,096.4	1052.6	1057.3	1148.3	1132.9	Min	Annulus Pre	Jeane
1494.8	1510.7	1521.8	1546.4	1456.4	1573.0	1585.3	1,553.2	1,591.2	1,551.4	1,579.9	1,505.3	1,501.3	1,501.6	1,466.4	1,454.3	1,437.6	1,403.2	1,388.0	1,413.0	1,475.3	1,435.3	1,612.7	1,659.2	1,463.0	1,462.3	1,495.1	1,391.1	1,438.6	1438.6	1455.7	Max	Annulus Pressure (psig)	
4.5	4.5	5.0	4.5	1.5	1.3	6.8	5.8	5.5	5.7	5.5	7.1	2.4	2.2	6.9	7.0	6.9	7.0	7.1	7.1	2.6	7.1	1.9	1.8	7.0	7.0	1.9	5.1	1.4	6.6	7.0	Min	Inject	1000
8.3	7.1	9.2	8.2	7.7	9.1	10.2	7.4	7.4	7.5	7.6	7.6	7.5	7.5	7.3	7.4	7.3	7.4	7.5	7.4	7.4	7.4	7.4	7.3	7.4	7.4	7.7	7.6	7.4	7.5	7.4	Max	njection pH	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Min	Flow Ra	
73.7	74.4	73.2	73.2	70.6	211.9	74.2	74.4	75.9	75.9	79.3	79.5	79.4	76.4	76.2	76.8	76.5	75.9	75.6	75.6	76.5	99.9	75.5	75.8	75.5	75.5	75.5	76.7	75.6	75.6	76.6	Max	Flow Rate (gpm)	
551.2	446.7	459.5	530.8	515.7	457.6	580.6	588.1	553.3	602.8	582.8	593.3	549.3	541.9	520.9	488.3	496.5	482.9	466.2	423.7	459.0	391.3	545.8	572.0	517.0	592.7	515.4	422.4	417.6	522.6	577.0	Min	Differential F	
1005.3	991.1	1022.5	994.7	989.0	1062.1	1015.5	1091.8	1052.6	1083.7	1059.8	1022.7	1017.3	1002.6	982.1	989.3	985.2	1022.9	1016.2	1,013.6	970.9	1041.0	1125.6	1042.3	1053.0	1,044.7	1013.1	982.9	1031.6	1051.1	1043.3	Max	Differential Pressure (psig)	

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

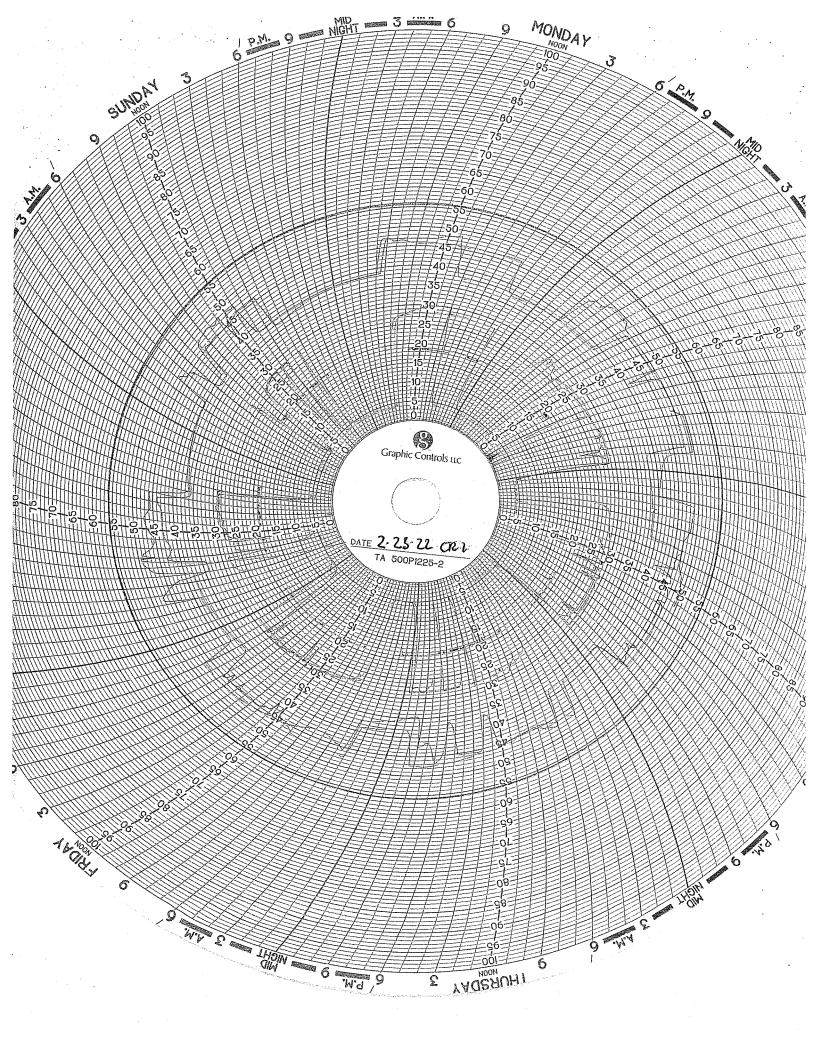
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

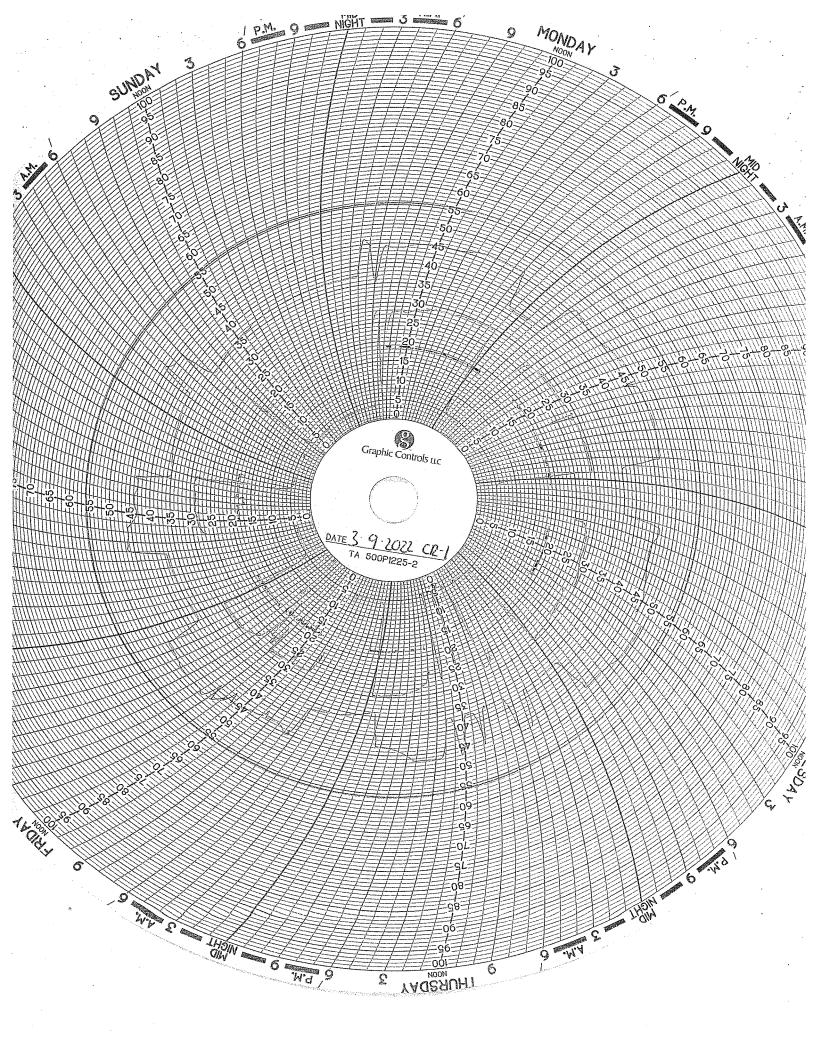
Channel #3

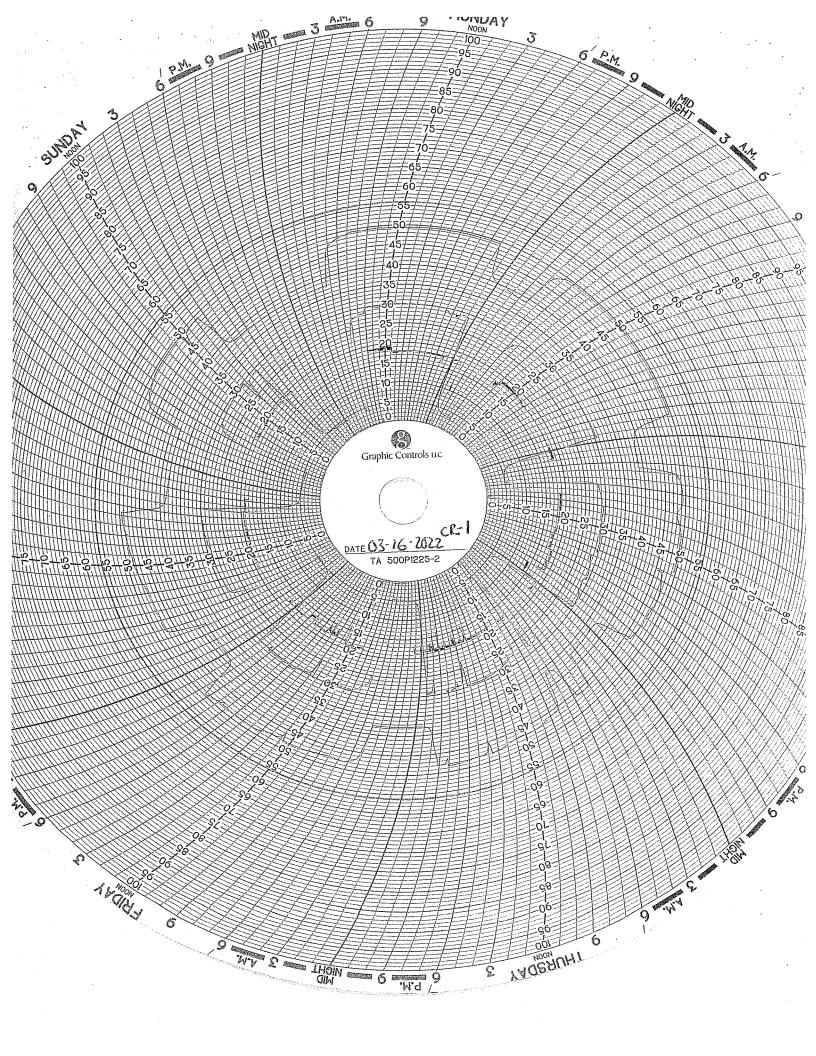
Green Pen — Well 2 Monthly Volume (chart value x 100,000)

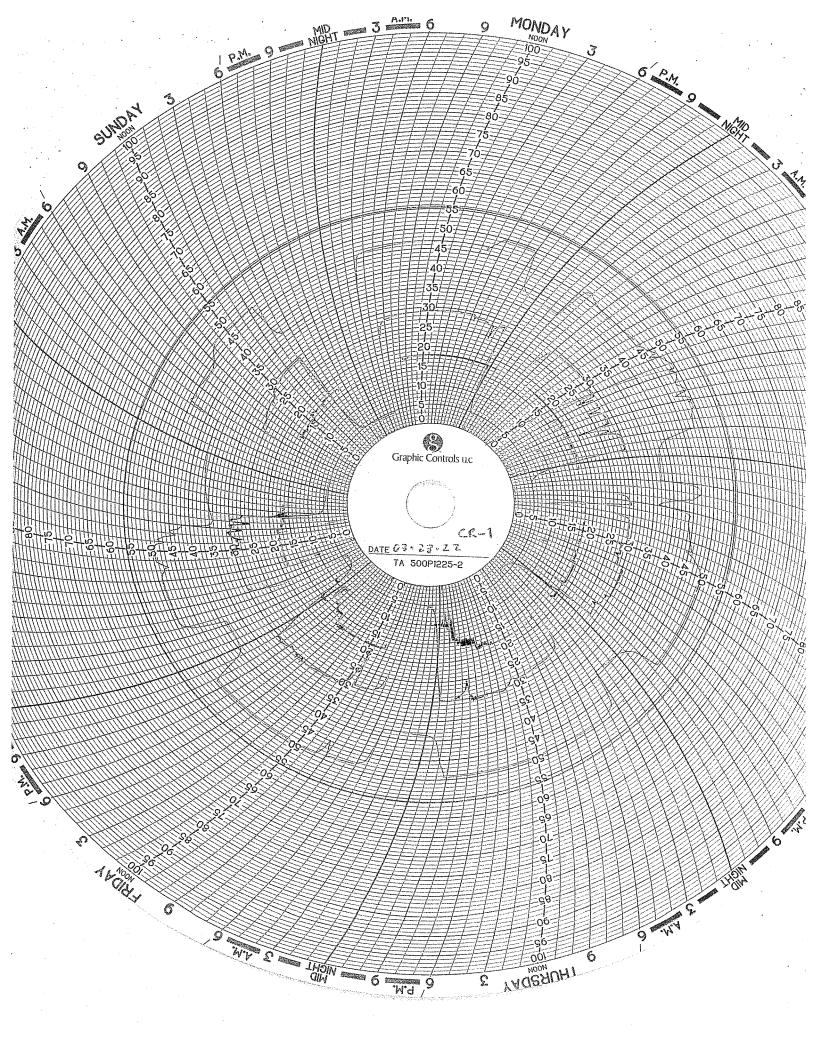
channel tm

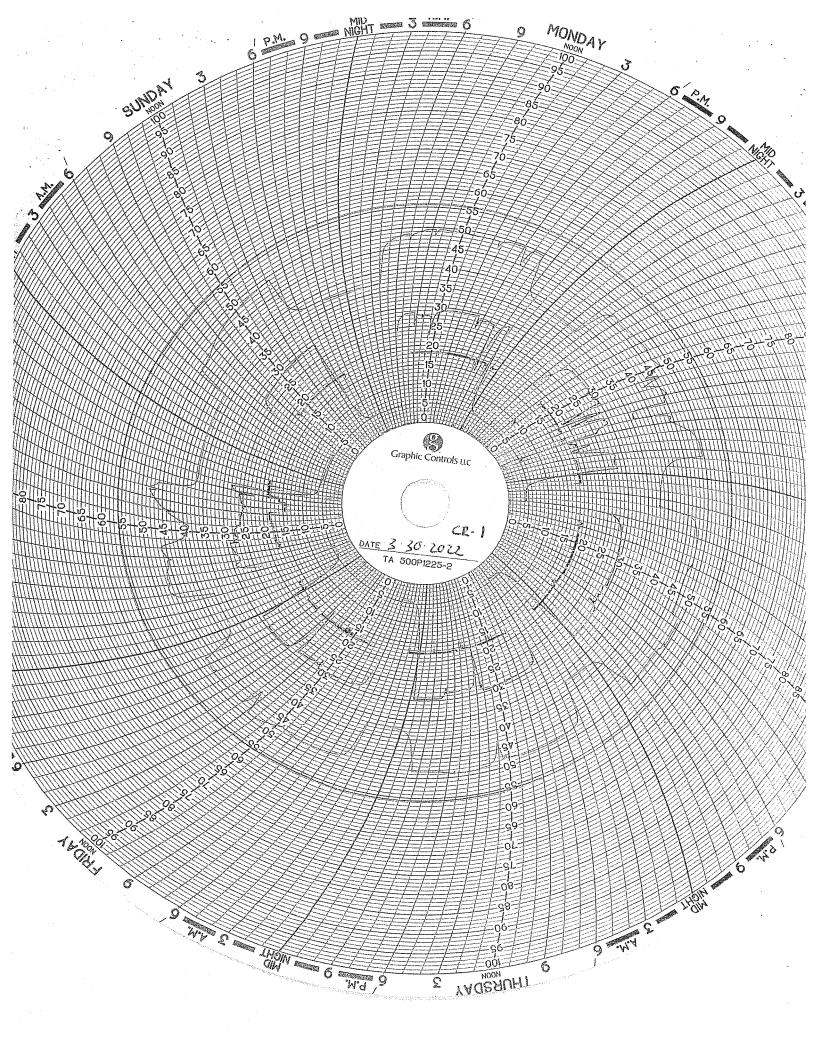
Black Pen — Temperature (chart value x 0)











WELL 2 DATA



Injection Well 2, March 2022

3/31/2022	3/30/2022	3/29/2022	3/28/2022	3/27/2022	3/26/2022	3/25/2022	3/24/2022	3/23/2022	3/22/2022	3/21/2022	3/20/2022	3/19/2022	3/18/2022	3/17/2022	3/16/2022	3/15/2022	3/14/2022	3/13/2022	3/12/2022	3/11/2022	3/10/2022	3/9/2022	3/8/2022	3/7/2022	3/6/2022	3/5/2022	3/4/2022	3/3/2022	3/2/2022	3/1/2022			
133.0	142.3	117.3	131.8	136.9	113.5	157.0	102.9	147.8	103.6	118.6	123.5	134.8	126.7	154.9	150.2	143.1	39.0	55.8	108.8	154.6	103.6	131.6	72.1	77.7	91.4	87.3	129.7	107.8	138.5	98.2	Min	Injection P	
905.9	904.2	904.6	886.4	892.8	926.3	910.3	912.8	914.0	907.9	894.2	879.0	891.9	908.3	922.7	925.8	917.2	904.1	820.0	891.9	930.8	921.2	920.5	899.3	859.8	773.5	800.5	923.1	861.9	890.9	872.8	Max	Injection Pressure (psig)	
31.9	31.8	31.7	31.7	31.8	31.9	32.0	31.9	31.9	32.0	31.9	31.9	32.0	32.0	31.9	31.5	31.5	31.4	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.6	31.4	31.4	31.4	31.5	31.4	Min	Annulus Tar	
32.0	32.0	31.9	31.8	31.9	32.1	32.1	32.1	32.0	32.1	32.1	32.0	32.1	32.1	32.1	32.0	31.7	31.7	31.4	31.6	31.6	31.7	31.7	31.6	31.7	31.7	31.6	31.5	31.6	31.6	31.6	Max	Annulus Tank Level (inch)	
1185.2	1172.4	1190.0	1187.3	1166.8	1080.0	1227.7	1239.0	1,225.7	1,222.5	1203.4	1199.3	1,204.7	1,193.8	1,164.3	1,161.0	1,155.3	1,173.4	1,182.5	1,204.8	1,141.8	1,120.6	1248.1	1,194.2	1,201.1	1193.1	1,124.0	1059.2	1061.9	1185.3	1160.0	Min	Annulus Pre	mjecuc
1550.4	1566.9	1582.4	1611.3	1621.7	1643.9	1776.8	1,699.6	1,720.1	1,675.7	1,628.2	1,605.9	1,566.5	1,613.8	1,609.6	1,540.2	1,504.3	1,528.9	1,506.4	1,603.1	1,646.9	1,653.1	1,756.4	1,694.2	1,560.3	1,581.6	1,540.2	1,457.9	1,479.7	1515.5	1556.3	Max	Annulus Pressure (psig)	njection wenz, watch 2022
4.5	4.4	5.0	4.5	1.5	1.3	5.3	4.4	5.5	5.2	5.5	5.6	2.3	2.2	5.3	4.0	2.1	1.7	5.0	4.4	1.8	1.7	1.7	1.8	1.3	1.9	1.9	2.2	1.4	1.9	2.0	Min	Inject	JI 2022
8.3	7.1	9.2	8.2	8.9	9.1	11.0	8.4	7.4	7.9	7.5	7.4	7.5	7.3	7.3	7.4	7.3	7.4	6.7	7.3	7.3	7.4	7.3	7.3	7.3	6.3	7.7	9.1	7.0	8.4	7.9	Max	njection pH	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Min	Flow Ra	
78.8	79.0	77.5	77.5	79.2	79.1	77.5	78.3	79.6	79.5	79.4	79.4	79.6	79.0	78.9	78.3	78.5	78.7	77.8	78.3	78.6	78.8	78.8	77.7	77.7	78.4	78.1	77.7	77.5	77.6	78.3	Max	Flow Rate (gpm)	
602.8	487.7	499.5	579.0	601.8	479.4	628.9	648.1	592.5	671.2	650.3	673.7	650.0	600.1	584.0	529.6	541.2	545.4	686.0	501. 4	462.0	462.6	550.6	593.3	564.5	729.0	675.7	480.2	436.9	487.7	607.0	Min	Differential F	
1052.6	1038.8	1073.1	1057.4	1050.9	1166.4	1071.3	1146.3	1078.5	1128.9	1092.5	1103.9	1074.4	1105.6	1025.5	1030.9	1034.8	1135.4	1127.1	1,114.0	1032.7	1118.8	1158.8	1123.9	1128.0	1,141.0	1118.1	1030.4	1081.3	1061.0	1119.0	Max	Differential Pressure (psig)	

Circle Chart Index

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

Chart Recorder #1

Channel #1

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

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Channel #3

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

Channel #4

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Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #3

Channel #1

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

Channel #2

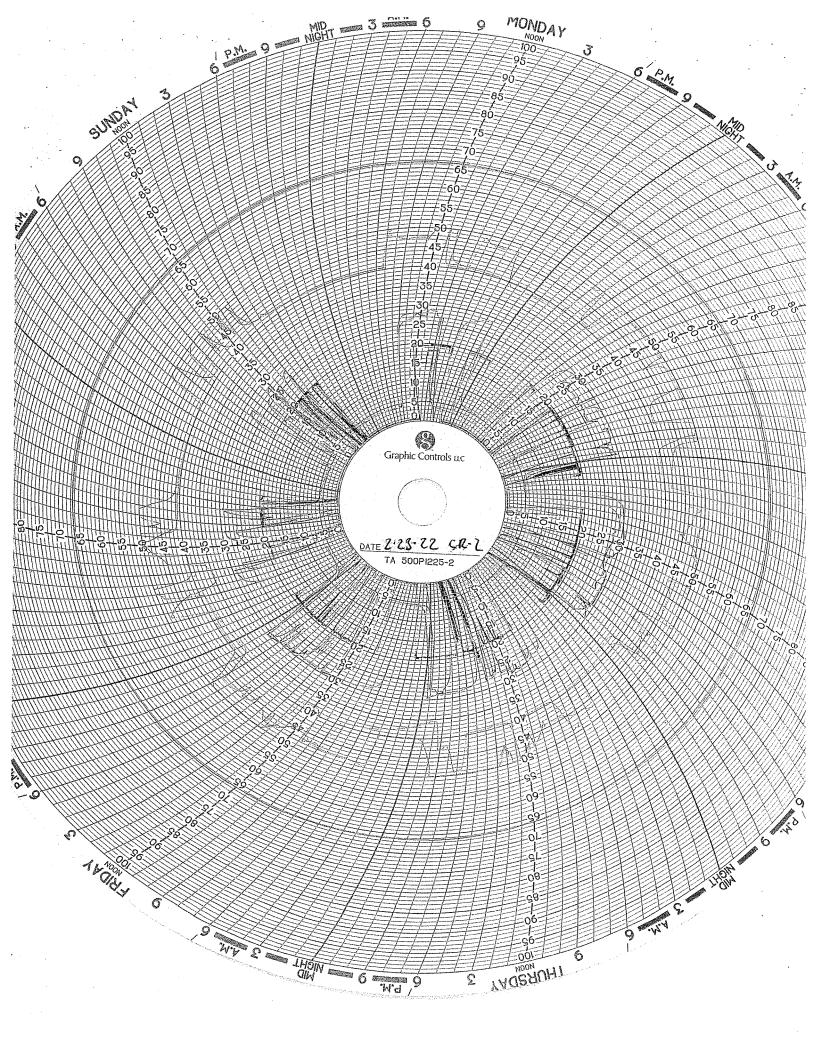
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

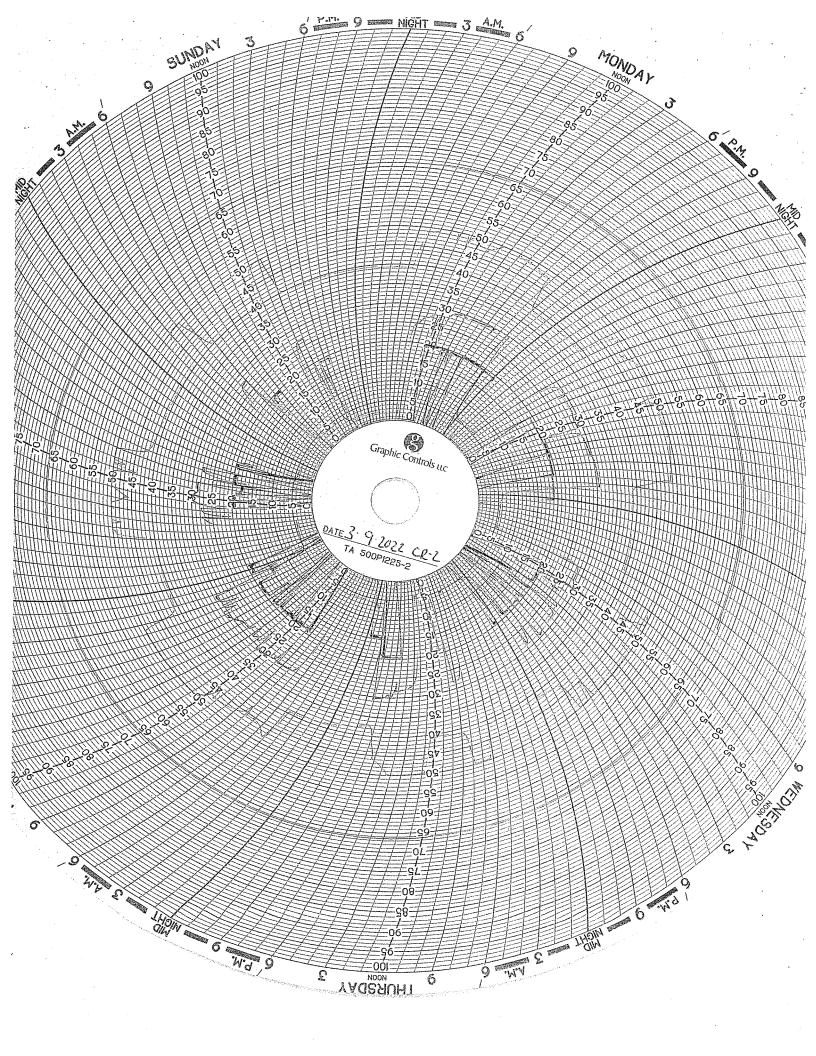
Channel #3

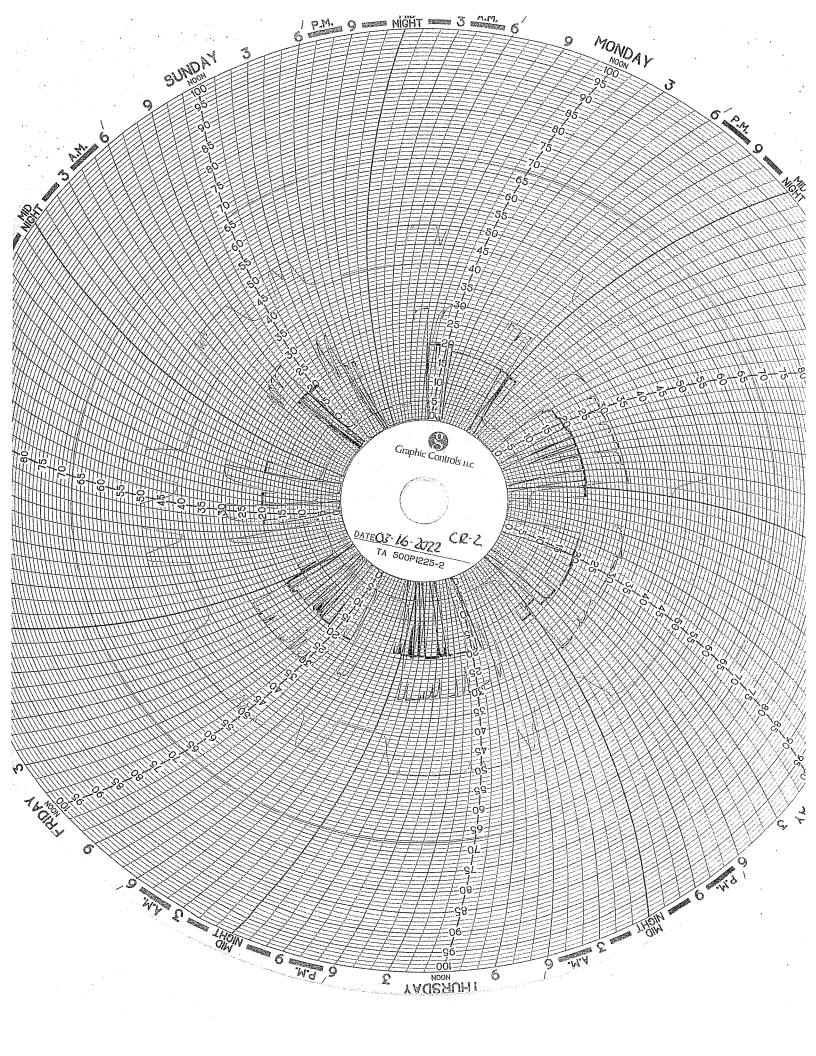
Green Pen — Well 2 Monthly Volume (chart value x 100,000)

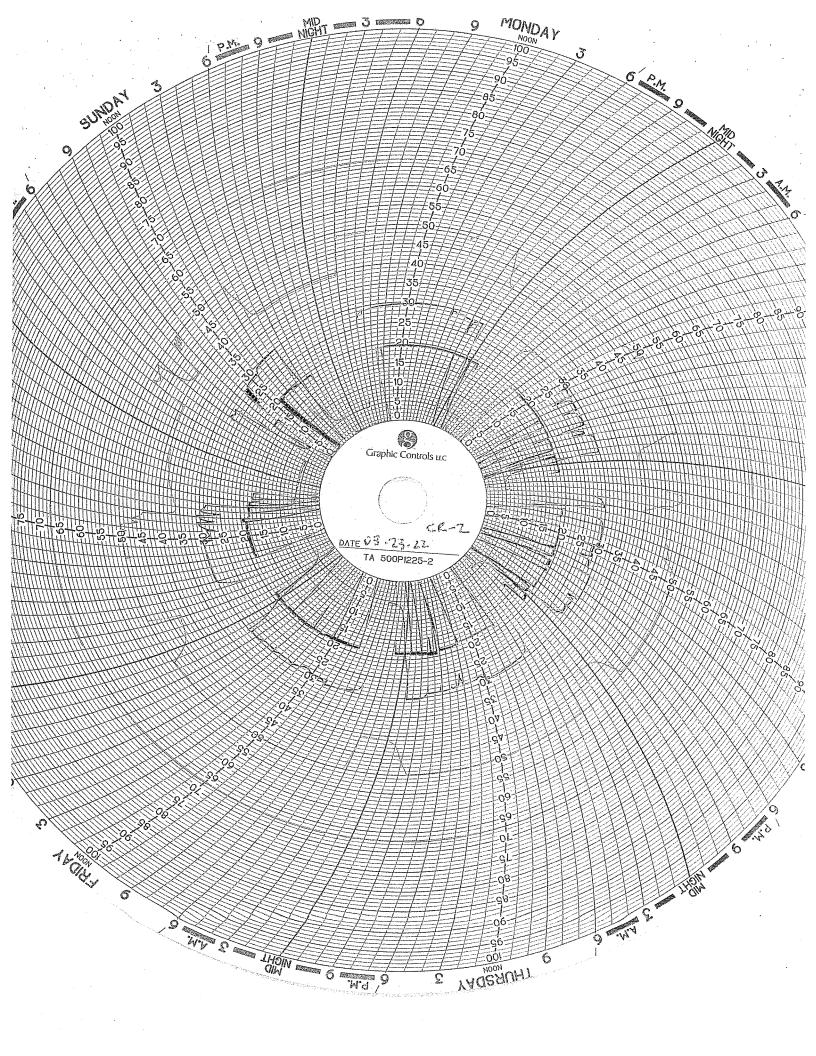
channel tm

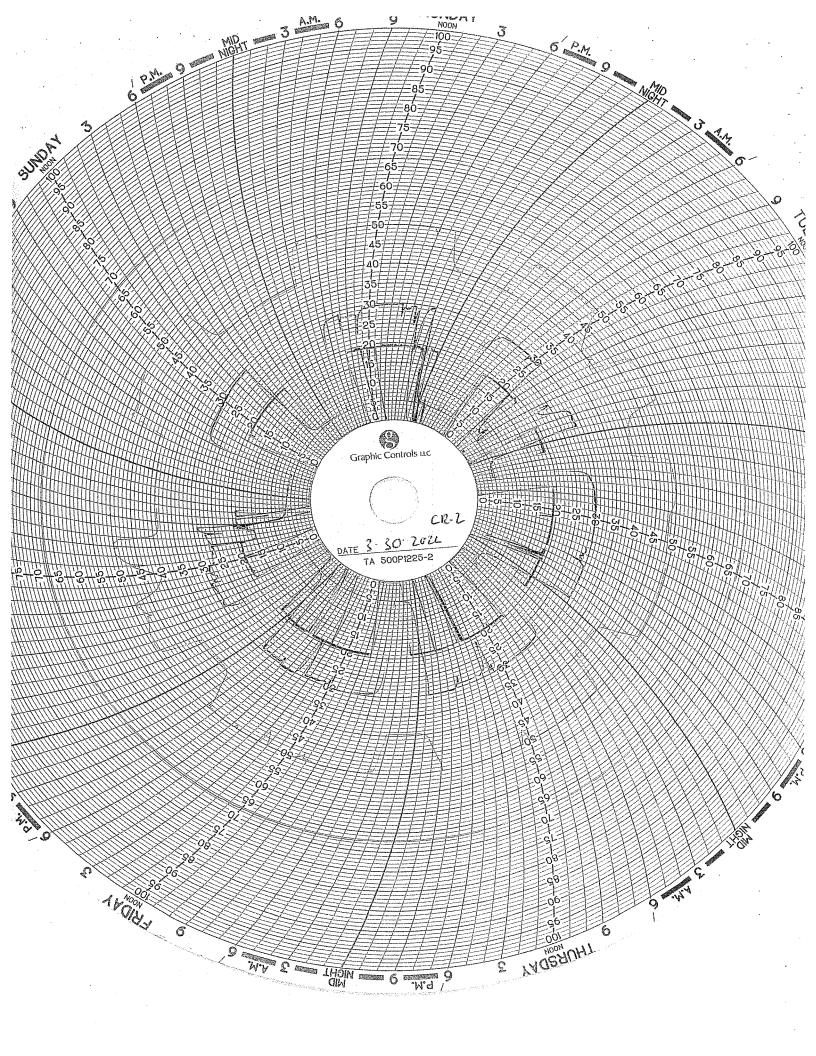
Black Pen — Temperature (chart value x 0)

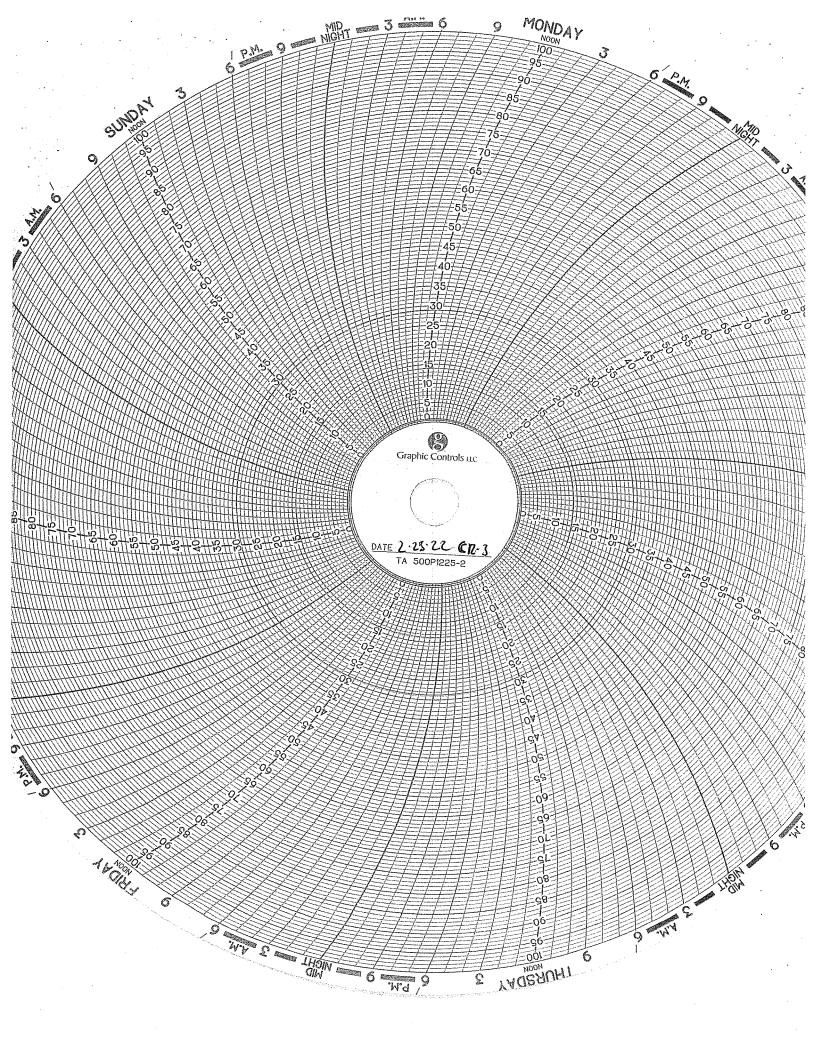


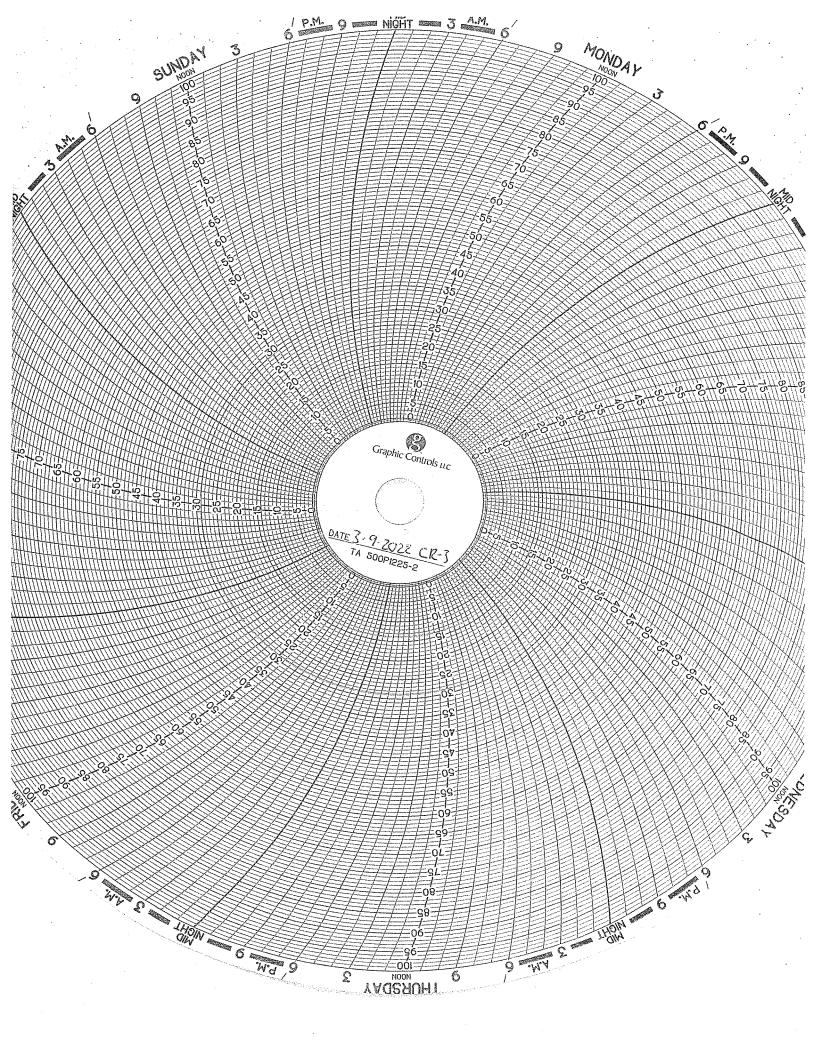


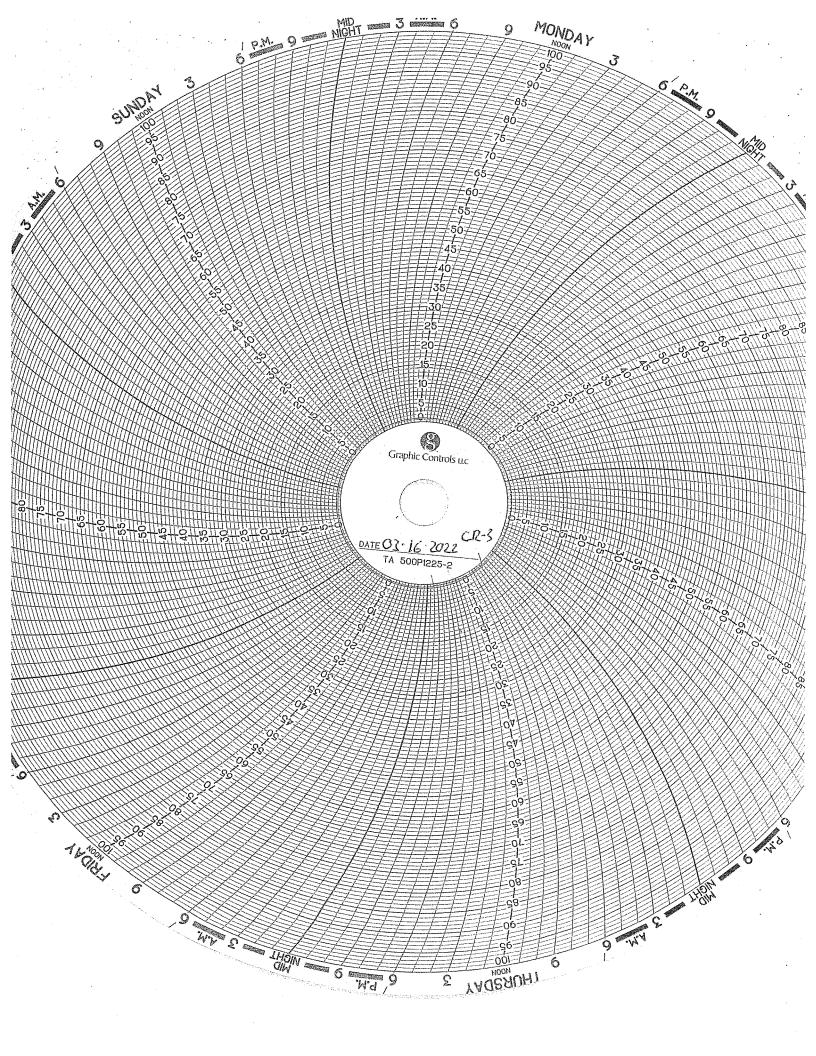


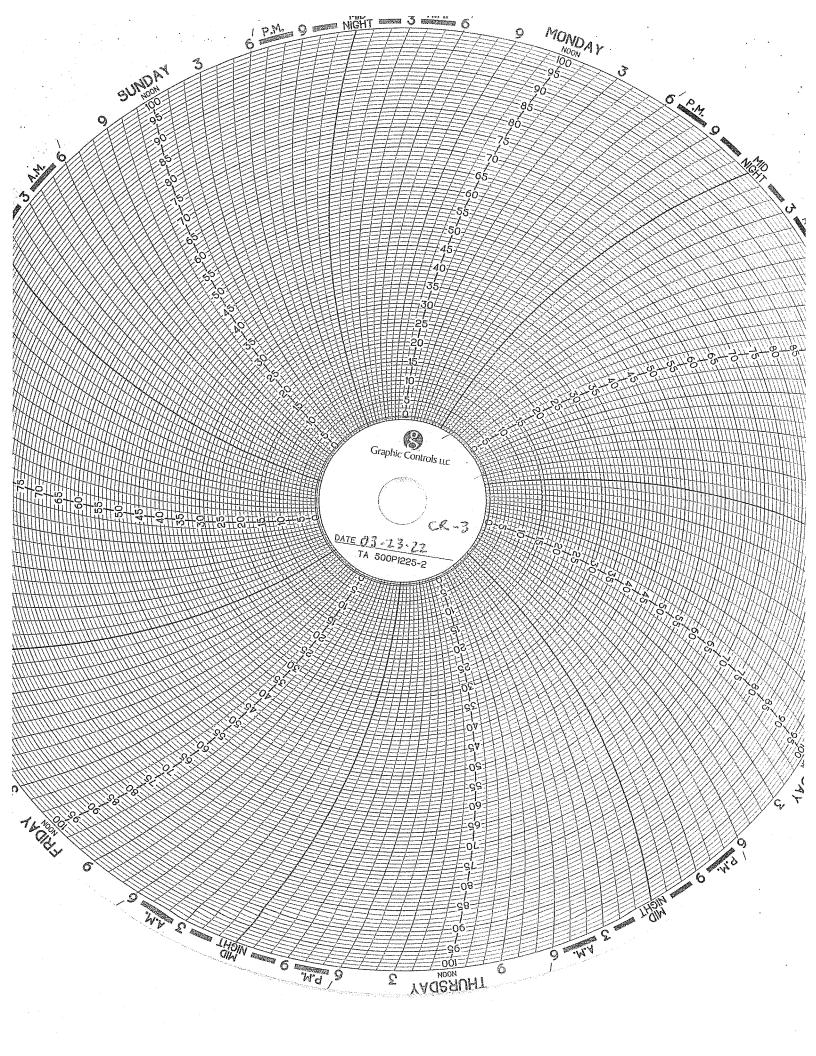


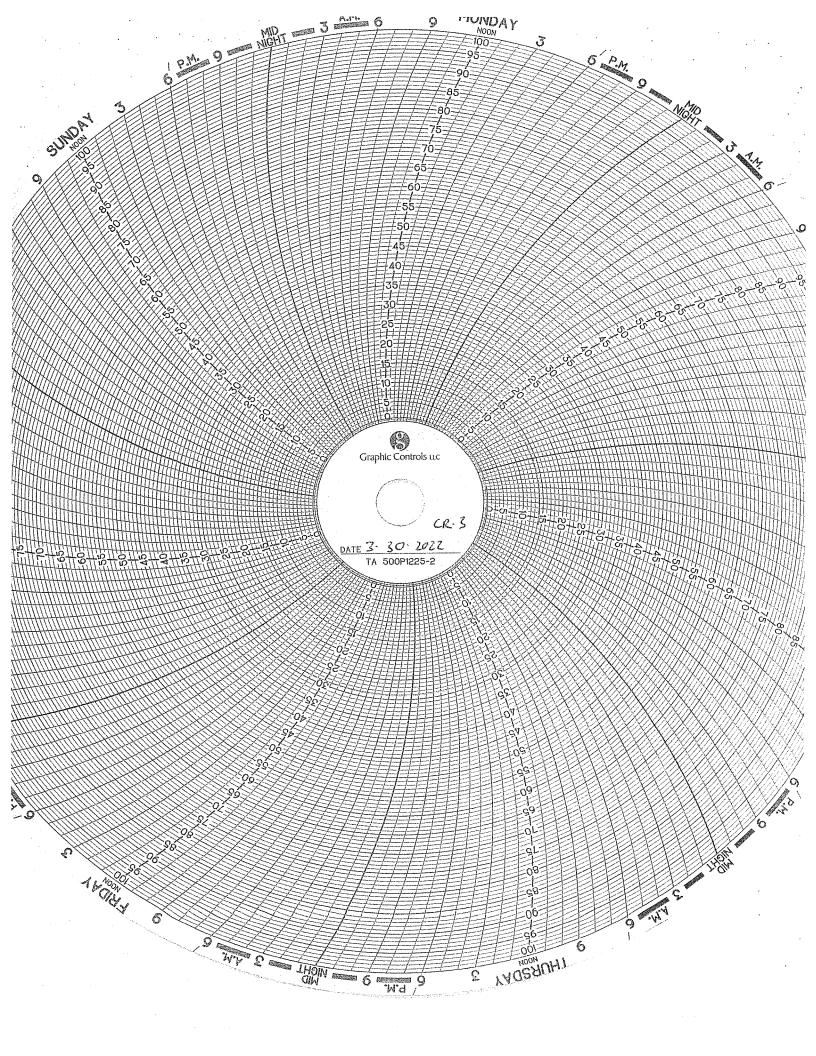














CORROSION MONITORING PLAN COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	
	(C267)	(316L)	(Redbox)	
12/19/2013	13.330 g	10.848 g	7.309 g	Initial Mass @ start up
2/21/2014	13.329 g	10.846 g	7.306 g	
3/10/2014	13.327 g	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	
5/30/2014	13.328 g	10.818 g	7.226 g	
6/30/2014	13.321 g	10.337 g	7.196 g	
7/11/2014	13.323 g	10.304 g	7.196 g	
8/12/2014	13.328 g	10.045 g	7.182 g	
9/17/2014	13.321 g	9.997 g	7.090 g	
10/30/2014	13.321 g	9.387 g	7.075 g	
11/21/2014	13.320 g	9.386 g	7.069 g	
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	1
2/23/2015	13.339 g	9.286 g	7.005 g	New hastelloy coupon
3/31/2015	13.339 g	9.286 g	7.005 g	1
4/27/2015	13.335 g	9.130 g	6.852 g	
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	1
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	1
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	1
2/16/2016	13.332 g	8.799 g	6.757 g	
3/31/2016	13.339 g	9.286 g	7.005 g	1
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	1
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	18.0 4 7 g	1
12/12/2017	13.326 g	7.308 g	18.307 g	

CORROSION MONITORING PLAN COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	
1/29/2018	13.326 g	10.930 g	18.027 g	New stainless steel coupon
2/9/2018	13.325 g	10.932 g	18.044 g	
3/19/2018	13.325 g	10.926 g	18.030 g	
4/16/2018	13.336 g	10.863 g	18.068 g	
5/17/2018	13.325 g	10.858 g	18.037 g	
6/20/2018	13.325 g	10.855 g	18.029 g	
7/12/2018	13.326 g	10.852 g	18.032 g	
8/21/2018	13.326 g	10.854 g	18.031 g	
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	İ
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	İ
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	'

Date: 03/18/2022 Material: C1563/316L Weight: 9.368 g.



Date: 03/18/2022 Material: C276 5 Weight: 13.281 g.



Date: 03/18/2022 Material: Fiberglass Weight: 17.246 g.



CORROSION MONITORING COUPONS BASELINE VISUAL DESCRIPTION

November 4, 2013

Fiberglass

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

Hastelloy

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

Stainless Steel

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



October 22, 2015

TEST REPORT :

PN 125322 PO 00154

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By:

Melissa Martin

Sr. Project Technician

Approved By:

Jim 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

lartin

Approved By: (Cot) Scott W. Yates

Plastics Testing Assistant Manager



December 12, 2016

•TEST REPORT•

PN 132662 PO

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By

Melisşá Martin Senior Profect Technician

Rev 041916

Approved By

Jim Diummonu Physical Testing, Manager

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

ISO 9001:2008

ACCREDITED A Testing Lab

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Progress Through Innovation, Technology and Customer Satisfaction

December 12, 2016

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN 132662

SUBJECT:

Barcol Hardness on one (1) material.

RECEIVED:

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

BARCOL HARDNESS ASTM D 2583-13a

Instant Reading

RESULTS

Barcol Hardness, Instant

96

Prepared By:

Melissa Martin

Senior(Project Technician

Scott Yates

Plastics Testing, Assistant Manager

wk

ARDL is ISO 17025 occredited 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

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 $^{\wedge}$ symbol to differentiate from ISO 17025 accredited methods in the body of the test report.

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, WI 48174

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1

90

Specimen is being returned with this report for further evaluation.

GHESQUIERE PHASTIC TESTING, II

M. W. Ghesquiere

President

MWG/kni

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

CONTRACTOR CONTRACTOR PROGRAMMED AND

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1 90

were a like the reserve to the state of the property of Specimen was returned to the client on February 17, 2014 ALTER BEITTER

25 人物 1 GBB與實際企業中的企業中

CHESOULERE DAN

Stic resping, inc.

5.7 (1987年) 14.7 (198**年第30**00) 388年(1984)1984(1988)

and the second

M. W. Chesquiere

President

MWG/dm

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TOTAL 1 PAGES

and the second second

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. Ghesquier

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



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

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Testing. Development. Problem Solving.

October 2, 2014

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN118325

SUBJECT:

Barcol Hardness on one material.

PO# Attn; John Frost

RECEIVED:

One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Results

Barcol Hardness, Instant

97

Prepared By:

Melissa Martin

Sr. Project Technician

Approved By:

Scott W. Vates

Plastics Testing Assistant Manager

BARCOL HARDNESS REPORT

Customer:	Republic Industrial and Energy Solutions, LLC				
Component To	ested:	Test Coupo	n		
PO Number:	957555	3	Jok	Number:	3415
Calibration:	Disc:	43 - 48	Actua	l Reading:	45
Barcol Readings		1	2	3	Average
S	ide One:	62	63	58	61
S	ide Two:	58	60	57	58

Tested By:

Gary Nicholson

Overall Average:

(signature)

Date: 01/12/2021

(print or type name)

BARCOL HARDNESS REPORT

Cu	st	O	m	e	r	
Cu	st	0	m	e	r	

Republic Industrial and Energy Solutions, LLC

Component Tested:

Test Coupon

PO Number:

10159792

Job Number: 3556

Calibration:

Disc: 43 - 48

Actual Reading:

Barcol Readings

Side One: Side Two:

1	2	3	Average
56	60	60	59
60	62	62	61
	Overal	Average:	60

Tested By:

Gary Nicholson

Date: 10/11/2021

(print or type name)

COOROSION MONITORING COUPONS VISUAL DESCRIPTION

March 2022

Fiberglass Coupon

The coupon has changed to a dark purple color and is smooth. 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

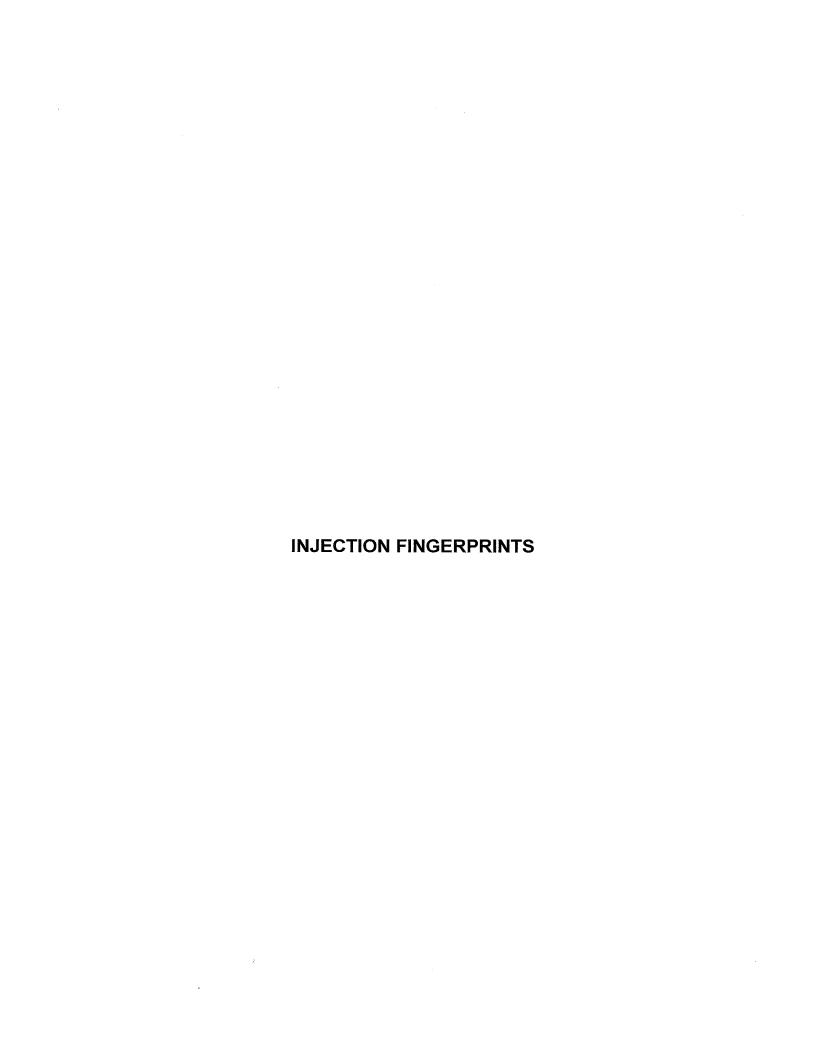
This coupon is identified as C276 with Serial Number 5. The coupon is silver in color with a lightly sandblasted texture. It is clean and free of pits, cracks, and blemishes. There is no effect to this coupon.

Stainless Steel Coupon

The coupon has corrosion surrounding the hole where it's bolted in the pipe. More pitting is visible throughout the coupon. There has been a significant volume of pumping to both Well #1 and Well #2. The coupon has been exposed to a large amount of hazardous waste since last month.

MAINTENANCE

No Maintainance this month



RECEIVING INFO	RMATION : ""
Date	3.31.22
Receiving ID#	205312207
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	L AW

5575555155529401775947504755252534504050406946		PROVEDENTE SET
LAB INFORMA	CTION:	
Compatible? (RT#)	Ves	
PCBs (ppm) (Oily Waste		
Only)?	I NP	7
TOC ppm (CC Waste Only)?		
Flash Point (F)	ンバ	Ó
pH (S.U.)	6.41	
Cyanides? (mg/L)	Ì	
Sulfides? (ppm)?		
Specific Gravity	1,03	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	78	
Conductivity	18,41mS	
% Solids	20,1	
Turbidity	Yes	No
Color		
TS\$ (%)	(0	,1
Radiation Screen (as needed)		
Lab Signature/Initials	Pb	

RECEIVING INFO	have been been transfer to the transfer to the second section of the second second second second second second
Date	3.31.22
Receiving ID#	IO\$312206
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	1 AW

		· · · · · · · · · · · · · · · · · · ·
LAB INFORMA	NOIT	
Compatible? (RT#)	Į . γ	
PCBs (ppm) (Oily Waste	400	
Only)?	11/1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	Ó
pH (S.U.)	6,81	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20	
Conductivity	241	n5
% Solids	2,3	, 8
Turbidity	Yes	No
Color		
TSS (%)	<u> </u>	,(
Radiation Screen (as needed)		g)
Lab Signature/Initials	OP	

RMATION
19/31-7072
203317705
Yes No
66

LAB INFORMA	TIONY - '	
Compatible? (RT#)	P	
PCBs (ppm) (Oily Waste	1	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/4	16
pH (S.U.)	6.61	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20	5
Conductivity	19.24ms	
% Solids	<0.	
Turbidity	Yes	No
Color		:
TSS (%)	40	<u> </u>
Radiation Screen (as needed)	Nec	
Lab Signature/Initials	PP	ر

RECEIVINGUNFOR	RMATION:
Date	03/3/199
Receiving ID#	IO3512204
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	357-1
Client	
Transporter	
Time in	
Time out	
Received by	JA.
Sampled by	Paga Car

LAB INFORMA	TION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		Wanter-
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 3 2 9	10
pH (S.U.)	6.	54
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02-	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	1758	3
% Solids	4.02	
Turbidity	Yes	No
Color		
TSS (%)	ζ 0.	
Radiation Screen (as needed)		27
Lab Signature/Initials	(4. U	

RECEIVING INFO	DRMATION -
Date	3-31-22
Receiving ID#	I03312203
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(J.D.)
Sampled by	
	11

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		- to the state of
Flash Point (F)	> 14	D
pH (S.U.)	10.68	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	198)
Conductivity	14.04	m5
% Solids	0.71	
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)		F.,
Lab Signature/Initials	J. T.)	

RECEIVING INFO	RMATION
Date	3-31-22
Receiving ID#	F03312207
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	7 th.
Sampled by	I A A

LAB INFORMA	TION	100
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	444444	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	6.	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	13,9	0,5
% Solids	3.29	
Turbidity	Yes	No
Color		
TSS (%)	40.	. \$
Radiation Screen (as needed)		1
Lab Signature/Initials		

RECEIVINGINFO	RMATION:
Date	3.31.22
Receiving ID#	I0331220
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.J.
Sampled by	12

LAB INFORMA		gran to se
	ALIMAX : ::	
Compatible? (RT#) PCBs (ppm) (Oily Waste		ini en istile i and it is a
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 147	7
pH (S.U.)	620	<u> </u>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	14.08	15.5
% Solids	3.45	
Turbidity	Yes	No
Color		
TSS (%)	20.1	
Radiation Screen (as needed)		2.º
Lab Signature/Initials	J.77	

RECEIVINGUNFOR	RMATION:
Date	03/30-2022
Receiving ID#	D 03302209
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	<u> </u>

	·	
LAB INFORMA	TION	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste	1	
Only)?	1 WH	
TOC ppm (CC Waste Only)?		
Flash Point (F)	746	7
pH (S.U.)	6-70	9
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>6	
Conductivity	0(
% Solids		· [
Turbidity	Yes	No
Color		
TSS (%)	()_(
Radiation Screen (as needed)		p*
Lab Signature/Initials	\square	0

RÉCEIVING INFO	RMATION:
Date	03/30 - 2022
Receiving ID#	203307205
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in /	
Time out	
Received by	
Sampled by	BB

LAB INFORMA	TION:	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste	Al a	
Only)?	//H	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/4	ð
pH (S.U.)	フィビ	5
Cyanides? (mg/L)	_	
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	$>$ δ	
Conductivity	147	5
% Solids	5.	25
Turbidity	Yes	No
Color		
TSS (%)	<u></u>	, }
Radiation Screen (as needed)		***
Lab Signature/Initials	Ω C)

THE STATE OF THE S		
RECEIVINGING	DRMATION - :	
Date	3.30-22)
Receiving ID#	703302204	551.1
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Ne	

	NAC RESERVE SERVICES	
-LAB-INFORMA	WION' : SE	
Compatible? (RT#)	Ve.	5
PCBs (ppm) (Oily Waste		Λ
Only)?	1/1	-}
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	Ö .
pH (S.U.)	6,99	(
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.03	
Physical Description		
Stream Consistency	Yes	Nö
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	24.7ms	
% Solids	3,11	
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	DP	-

RECEIVING INFO	ORMATION
Date	03/30- 2022
Receiving ID#	9=03307206
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	1 36

PROPERTY SECTION AND ADDRESS OF THE PROPERTY O	Territoria de la composition della composition d	and was a second
LAB INFORMA	JION .	
Compatible? (RT#)	l în	
PCBs (ppm) (Oily Waste	The A	
Only)?	11/1-	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7146	
pH (S.U.)	6,47	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	B(
% Solids	2.95	
Turbidity	Yes	No
Color		
TSS (%)	20.1	
Radiation Screen (as needed)		
Lab Signature/Initials	100	

RECEIVINGINFO	RMATION
Date	3. 30. 22
Receiving ID#	IO3 30 2207
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	•
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	AW

		C. 4
LAB INFORMA	ATION :	
Compatible? (RT#)	YES.	
PCBs (ppm) (Oily Waste		
Only)?	NH	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	3
pH (S.U.)	6.77	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity) Of	
% Solids	2.81	
Turbidity	Yes	No
Color		
TSS (%)	ζο.	1
Radiation Screen (as needed)		1-
Lab Signature/Initials	PP	

RECEIVING INFO	RMATION-	
Date	3- 30-	22
Receiving ID#	IOS 30	12208
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Ah	

LAB INFORMA	TION:	
Compatible? (RT#)	yes	
PCBs (ppm) (Oily Waste		
Only)?	MA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	
pH (S.U.)	6.81	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	00	
% Solids	<0.	1
Turbidity	Yes	No
Color		
TSS (%)	₹0.	1
Radiation Screen (as needed)		
Lab Signature/Initials	DI DI	

And the second s	
RECEIVING INFO	ORMATION
Date	3-30-22
Receiving ID#	I03300003
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(代.)
Sampled by	LAT'

LAB INFORMA	ATION / Fig.	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste	/	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	316	10
pH (S.U.)	lad	27
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67	
Conductivity	9.23.	<u>,-5</u>
% Solids	0.47	
Turbidity	Yes	No
Color		
TSS (%)	(O.)	
Radiation Screen (as needed)		et i
Lab Signature/Initials	J.H	

RECEIVING INFO)rmation=
Date	3-30-22
Receiving ID#	I03302202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.7)
Sampled by	
	V

	ieroistanismaanaanaa	
LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		- Linking
Flash Point (F)	314	0
pH (S.U.)	6.6	,2-
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	<u> </u>
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	7,90	
% Solids	1.56	
Turbidity	Yes	No
Color		
TSS (%)	201	
Radiation Screen (as needed)		S- :
Lab Signature/Initials	J. X.)	

RECEIVING INFO	Mark the comment of the state o	
Date	3-30	-22
Receiving ID#	I0336	10-22
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		S. J. J. Marianian and J. C.
Time out		ue
Received by	J.+).	
Sampled by	IA	K
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The state of the s	en en en en en en en en en en en en en e	
LAB: INFORMA	JION -	Harris.
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		engagina and quadral adaptation
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>)
pH (S.U.)	6.6	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	194	
Conductivity	7.00,	o5
% Solids	0.98	
Turbidity	Yes	No
Color		
TSS (%)	201	
Radiation Screen (as needed)		2°
Lab Signature/Initials	<u>a. v).</u>	

RECEIVING INF	ORMATION	
Date	2-12/20	022
Receiving ID#	203298	2208
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out	manana kanananananananananananananananana	
Received by		
Sampled by	1 08	

LAB INFORMA	JION:	
Compatible? (RT#)	8	
PCBs (ppm) (Oily Waste	h	4
Only)?	I IV	11
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/9	/ 0
pH (S.U.)	6.8	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	Let) (
Physical Description	La	
Stream Consistency	Yes	└ No
Oil in Sample?	Yes	No.
Temperature (F)		0
Conductivity	Li	13m3
% Solids	2.8	<u> </u>
Turbidity	Yes	No
Color		
TSS (%)	20), /
Radiation Screen (as needed)		4.0
Lab Signature/Initials		2

Date	103/291-7	orr
Receiving ID#	203217	207
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #	-	
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	1 26	<u> </u>

	Commence of the company of the	anders deliver
LAB INFORMA	::::::::::::::::::::::::::::::::::::::	4.767
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1/1/	Λ:
Only)?	11/	14
TOC ppm (CC Waste Only)?		
Flash Point (F)	>//	40
pH (S.U.)	7,8	5/
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	10	
Physical Description	L-9	
Stream Consistency	Yes	_ No
Oil in Sample?	Yes	No
Temperature (F)) > 0)
Conductivity	21.	5gs
% Solids	3.1	2
Turbidity	Yes	No
Color		
TS\$ (%)		1,0
Radiation Screen (as needed)	- 13 <u> </u>	***
Lab Signature/Initials	D1	2

The second secon	
REGEIVING INFO Date	<u>9RMAHON</u> = 3.7 3 - 29 - 22
Receiving ID#	I03292206
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	AW

I CONTRACTOR OF THE PROPERTY O	***************************************	, ,,,,
LAB INFORMA	ATION:	
Compatible? (RT#)	12	
PCBs (ppm) (Oily Waste	1	-Δ
Only)?	1	9 '
TOC ppm (CC Waste Only)?		.5
Flash Point (F)	1 2	140
pH (S.U.)	65	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,1 (9 1
Physical Description	Ly	
Stream Consistency	Yes	└ No
Oil in Sample?	Yes	No
Temperature (F)	70	>
Conductivity	18	.03ms
% Solids	2,	66
Turbidity	Yes	Nò
Color		
TSS (%)		Oil
Radiation Screen (as:needed)		er i
Lab Signature/Initials	D/)

RECEIVINGINFO	DRMATION
Date	3.29.22
Receiving ID#	T0329220S
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	- National Marketine Control of the
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	Jan 1
Sampled by	AW

LABRINFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	6.8	ł
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	/
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	02	
Conductivity	16.0	9 ms
% Solids	3,2-6	
Turbidity	Yes	No
Color		
TSS (%)	401	
Radiation Screen (as needed)		AB (
Lab Signature/Initials	3.7)

RECEIVING INFO	and has grand to propriet you start to provide the control of the	122
Receiving ID#	10329	4unkanpunp-m-un-un-
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	JI	1
Sampled by	(t,t	

" in the state of		
LAB INFORMA	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	9
pH (S.U.)	6.8	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	Nö
Oil in Sample?	Yes	No
Temperature (F)	63	
Conductivity	1),32	- m3
% Solids	0.34	
Turbidity	Yes	No
Color		
TS\$ (%)	< 20 ·	1
Radiation Screen (as needed)		45.
Lab Signature/Initials	J,}-)

RECEIVINGINE	RMATION	
Date	3.29.	-22
Receiving ID#	Ioza9	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		***************************************
Client		
Transporter		
Time in		
Time out		
Received by	5.7	
Sampled by	TAT.	7
		A. P. A. HILL HARDING TO THE CO. AND THE

LAB INFORM/	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6-7	73
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1-02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67	
Conductivity	2.80	7
% Solids	1.2	1
Turbidity	Yes	No
Color		
TSS (%)	20-)
Radiation Screen (as needed)		
Lab Signature/Initials	ひ. 汐	

RECEIVING INFO	RMATION
Date	3-29-22
Receiving ID#	I03292201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.72
Sampled by	DM

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LAB:INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	3/1	10
pH (S.U.)		
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		Annual and a second second second second second second second second second second second second second second
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	73	,
Conductivity	10.27	
% Solids		
Turbidity	Yes	No
Color		
TSS (%)	(0-)	
Radiation Screen (as needed)		
Lab Signature/Initials	J.7)

RÉCEIVINGUNFO	RMATION
Date	3-29-22
Receiving ID#	703292202
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	7.45
Sampled by	
	()

LAB-INEORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	· · · · · · · · · · · · · · · · · · ·	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 3/10	
pH (S.U.)	6-79	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67	
Conductivity	8.63	
% Solids		
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		: : :
Lab Signature/Initials	341	

RECEIVINGINFO	RMATION
Date	3-26-22
Receiving ID#	T03287201
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	124

LAB INFORMA	JION	
Compatible? (RT#)	Ve	ς.
PCBs (ppm) (Oily Waste	1/1	7
Only)?	/V /	+
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> >1"</u>	10
pH (S.U.)	6.18	-3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	I.a.C	
Physical Description	L. G	
Stream Consistency	Yes	-No
Oil in Sample?	Yes	No
Temperature (F)	7	\$Ó
Conductivity	1 12.	47ms
% Solids	3,	18
Turbidity	Yes	No
Color		
TSS (%)	20).(
Radiation Screen (as needed)		11
Lab Signature/Initials	D()

- RECEIVING INFO	RMATION
Date	3-28-22
Receiving ID#	T03982202
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	I X I

LAB INFORMA	TION:	
Compatible? (RT#)	T y	
PCBs (ppm) (Oily Waste	100	
Only)?	11/1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 14	Ó
pH (S.U.)	617	9
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description	1-9	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	13,5 2 ms	
% Solids	3,3	. J
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	PO	

Date	3.28.23	
Receiving ID#	103782203	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	TIT	

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LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		Λ
Only)?	///	1
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	10
pH (S.U.)	6.8	r 2
Cyanides? (mg/L)		and handlidally by Commercial
Sulfides? (ppm)?		
Specific Gravity	1,01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	14.3	4ms
% Solids	5.	58
Turbidity	Yes	No
Color		
TSS (%)	40.1	
Radiation Screen (as needed)		8:1
Lab Signature/Initials	O()

RECEIVING INFO		
Date	3.28-22	
Receiving ID#	103282204	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by		

LAB-INFORM/	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	0.00	\.
Only)?	<u> </u>	}
TOC ppm (CC Waste Only)?		<i>ئىسلاسىدە خىيبىرىشىد</i>
Flash Point (F)	1 21º	40
pH (S.U.)	6,8	-6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,01	
Physical Description	L.9	
Stream Consistency	Yes No	
Oil in Sample?	Yes	No
Temperature (F)	70)
Conductivity	15.	05ms
% Solids	3.40	
Turbidity	Yes	No
Color		
TSS (%)	4	5 .1
Radiation Screen (as needed)		
Lab Signature/Initials)

RECEIVING INFO	RMATION	
Date	03/28-7	2077
Receiving ID#	20328	7205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	60	

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LAB INFORMA	ATION:	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste	1/1	
Only)?	_//H	
TOC ppm (CC Waste Only)?		
Flash Point (F)	2190)
pH (S.U.)	6.76	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	14,9	Ō
% Solids	3.69	
Turbidity	Yes	No
Color		
TSS (%)	20	t l
Radiation Screen (as needed)		ke j
Lab Signature/Initials	DU	

RECEIVINGINE	ORMATION	
Date	03/28-	ZOUZ
Receiving ID#	20328	122016
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	B	B

LAB INFORMA	(TION:	
Compatible? (RT#)	1 \0	
PCBs (ppm) (Oily Waste	T de	
Only)?	/V #	
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	6,75	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	15,70	
% Solids	20.1	
Turbidity	Yes	No
Color	diam'r.	
TS\$ (%)	20,1	
Radiation Screen (as needed)		£-1
Lab Signature/Initials	RD	

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RECEIVING INFO	DRMATION -	
Date	3. 28.	02
Receiving ID#	IOS 28	2207
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		***************************************
Client		
Transporter		
Time in		in all discounts and the second
Time out		Same a second
Received by		and the second
Sampled by	An	/

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LABINEORMA	MOITA	
Compatible? (RT#)	100	<u></u>
PCBs (ppm) (Oily Waste	1	C
Only)?	1/1/	
TOC ppm (CC Waste Only)?		
Flash Point (F)) SI4	0
pH (S.U.)	6.7	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	401	
Physical Description	L-6	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	(4)	31m5
% Solids	7.	76
Turbidity	Yes	No
Color		- Aire
TSS (%)	Z (ا ا
Radiation Screen (as needed)		
Lab Signature/Initials	DD	

Date	63/28-7	2122	
Receiving ID#		X03287208	
Manifést# Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by			
Sampled by	aa aa		

LAB INFORMA	WION*;	
Compatible? (RT#)	 	naide a de martina de la
PCBs (ppm) (Oily Waste	1	A
Only)?	1	1
TOC ppm (CC Waste Only)?	l	· (c
Flash Point (F)	+ $< l$	-/6
pH (S.U.)	21	and the second second
Cyanides? (mg/L)		<u> </u>
Sulfides? (ppm)?		
Specific Gravity	1,01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7	Ō
Conductivity	14,	54
% Solids	(01)	
Turbidity	Yes	No
Color		
TSS (%)	20,1	
Radiation Screen (as needed)		ěl.
Lab Signature/Initials)

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RECEIVING INF	AND THE RESIDENCE OF THE PROPERTY OF THE PROPE
Date Receiving ID#	93/25- ZOIL 803287209
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	06

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LAB INFORMA	VTION :	
Compatible? (RT#)	$\perp \qquad \forall$	/
PCBs (ppm) (Oily Waste	1	Λ
Only)?	4	rr
TOC ppm (CC Waste Only)?		<u> </u>
Flash Point (F)		<i>1</i> 0
pH (S.U.)	65	-8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	10	(
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7	Ô
Conductivity	00	
% Solids	2.	.97
Turbidity	Yes	Nò
Color		:
TSS (%)	20	5.1
Radiation Screen (as needed)		
Lab Signature/Initials	(D)(\mathcal{L}

RECEIVINGINFOR	MATION:
Date	3-27-22
Receiving ID#	T03272204
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	WA

LAB INFORMA	TION	
Compatible? (RT#)	I	A. (A. (A. (A. (A. (A. (A. (A. (
PCBs (ppm) (Oily Waste	1 0/1	
Only)?	WIT	
TOC ppm (CC Waste Only)?		and the same of th
Flash Point (F)	<u> </u>	0
pH (S.U.)	6,91	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	10	2
Physical Description	1.0	
Stream Consistency	Yes	√ No
Oil in Sample?	Yes	No
Temperature (F)	20	
Conductivity	13,09	5
% Solids	2,8	5
Turbidity	Yes	No
Color		
TSS (%)	20,	
Radiation Screen (as needed)		57
Lab Signature/Initials	Dp.	

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RECEIVING INFO	RMATION	
Date	3. 27	22
Receiving ID#	IO327	2203
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		
Received by		
Sampled by	WA	

LAB INFORM	IATION : :	
Compatible? (RT#)	<u> </u>	
PCBs (ppm) (Oily Waste	1.0	
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	O
pH (S.U.)	6.8	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	2
Physical Description	La	
Stream Consistency	Yes	_ No
Oil in Sample?	Yes	No
Temperature (F)	>0)
Conductivity	13,	45 MS
% Solids	$1 2 \iota$	61
Turbidity	Yes	No
Color		
TS\$ (%)	<u> </u>	,
Radiation Screen (as needed)		-
Lab Signature/Initials	1 00)

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RECEIVING INFO	RMATION 3. 3. 3. 3. 3. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
Receiving ID#	705272203
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	, 52 - William (William)
Received by	
Sampled by	Rv'

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LAB INEORMA	TION :	Elephone 1
Compatible? (RT#)	lye	5
PCBs (ppm) (Oily Waste	ach	
Only)?	1//1	The state of the s
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	16
pH (S.U.)	6.8	Ö
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description	Ly	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	し ラ 0)
Conductivity	200	LMS
% Solids	<	
Turbidity	Yes	No
Color		
TS\$ (%)	Zb	
Radiation Screen (as needed)		
Lab Signature/Initials		

	ar established	
RECEIVING INFO		
Date	3-27	
Receiving ID#	Z032	72202
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AL	<i></i>

		Review Property Control
LAB INFORMA	ATION .	
Compatible? (RT#)	<u> </u>	
PCBs (ppm) (Oily Waste	1 1	
Only)?	N F	<u> </u>
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >14	0
pH (S.U.)	6.40	f 2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	110	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	}
Conductivity	10.	Ting
% Solids	3,5	8
Turbidity	Yes	No
Color		
TSS (%)	60	2.1
Radiation Screen (as needed)		1
Lab Signature/Initials	L DD)

Date	3. 2.	7. 22
Receiving ID#	ZOS 27	2202
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Ah	/

LAB-INEORMA	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1.0	
Only)?	NA	·.
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	6
pH (S.U.)	6,6	0
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20	
Conductivity		7ms
% Solids	3,	67
Turbidity	Yes	No
Color		
TSS (%)	(), (
Radiation Screen (as needed)		
Lab Signature/Initials	01	\supset

Date	ORMATION	
Receiving ID#	I03363001	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		· · · · · · · · · · · · · · · · · · ·
Time in		<u></u>
Time out		
Received by		
Sampled by	1 3 37	elektrististististististististis

35 - 35 N. 1977-1986		SALE AND ADDRESS OF THE SECOND
LABEINFORM	ATION	
Compatible? (RT#)	У	
PCBs (ppm) (Oily Waste	ALD	
Only)?	11/17	
TOC ppm (CC Waste Only)?		and the second second
Flash Point (F)	1 21	40
pH (S.U.)	6.5	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1 602	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20	2
Conductivity	12.4	1ms
% Solids	2,4	0
Turbidity	Yes	No
Color		
TS\$ (%)	20	
Radiation Screen (as needed)	2	
Lab Signature/Initials	D.L)

RECEIVING INFO	with the second comment of the second comments of the second comment	
Date	3-26-1	
Receiving ID#	20326220	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		inionalmi — — — — — — — — — — — — — — — — — — —
Received by		
Sampled by	MET	

LAB INFORMA	TION	70.71
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	4.0	
Only)?	1/11	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/40	
pH (S.U.)	6.83	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	12.49	MS_
% Solids	1,42	<u> </u>
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		د این هوممنیستنس مید
Lab Signature/Initials	00	مناسب سيني

Date	3-26-22	
Receiving ID#	Ic3362203	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	173	to a subject in the first of the subject of the sub

LABPINFORM	STIDN:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	Ö
pH (S.U.)	6,7	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		·
Specific Gravity	1.02	7
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	10 n/	5m5
% Solids	2.1	1
Turbidity	Yes	No
Color		
TS\$ (%)	<u> </u>	1,
Radiation Screen (as needed)		
Lab Signature/Initials	00)

RECEIVING INFO	margar braggaring gargan brasilian water the con-	
Date	03/26-	2502
Receiving ID#	20326	4055
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	08))

LAB/INFORMA	TION	
Compatible? (RT#)	1	
PCBs (ppm) (Oily Waste	1	
Only)?		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
TOC ppm (CC Waste Only)?		· •
Flash Point (F)	<u> </u>	40
pH (S.U.)	7,6	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	79)
Conductivity	12.5	1ms
% Solids	3.09	
Turbidity	Yes	No
Color		•
TS\$ (%)	200	
Radiation Screen (as needed)		*
Lab Signature/Initials	DL)

Date	3-27-22	
Receiving ID#	I03272205	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AL	/ .

LAB: INFORM/	ATION :	
Compatible? (RT# Y)	10	5
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>10	۵/
pH (S.U.)	6,43	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)		
Conductivity	13.0	In5
% Solids	4,0	シン
Turbidity	Yes	No
Color		
TSS (%)	20	1
Radiation Screen (as needed)		
Lab Signature/Initials	D4P)

RECEIVING INFO	RMATION - 3.5.1		
Receiving ID#	163272201-SST		
Manifest# Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by			
Sampled by	Ah	/	

		78 G 8 8 S 7 T 7 T 7
LAB INFORMA	IION*.	
Compatible? (RT#)	<u> </u>	Company of the Compan
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		and the second second
Flash Point (F)	フ14	<u> </u>
pH (S.U.)	7.50	<u> </u>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	フ≬	
Conductivity	10.8	15/13
% Solids	0046	
Turbidity	Yes	No
Color		
TSS (%)	20.	
Radiation Screen (as needed)		\$ -
Lab Signature/Initials	W)

Date	03/25-	
Receiving ID#	IZ0325	5508
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	R.B.	

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 214	0
pH (S.U.)	L 6.2	O
Cyanides? (mg/L)		
Sulfides? (ppm)?		·
Specific Gravity	1.02	·
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	8,7	9,25
% Solids	216	7
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	DD DD	

Date	03/25-	كتتنك
Receiving ID#	20325	5508
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	BB	

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LAB-INFORMA	ATION*	
Compatible? (RT#)	4	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		·
Flash Point (F)	<u> </u>	(0
pH (S.U.)	6,9	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	7
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	7)
Conductivity	13.	38
% Solids	3,	55_
Turbidity	Yes	No
Color		
TSS (%)	40) ₁
Radiation Screen (as needed)		o*
Lab Signature/Initials	[<i>[V</i>])

RECEIVING INF	ORMATION	
Date	3-25	22
Receiving ID#	Z032	\$ 2707
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		<u>Carloria de la composito de la composito de la composito de la composito de la composito de la composito de la</u>
Time in		فينكث واستوالك والترج والمراج
Time out		
Received by		
Sampled by	An	

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LAB INFORMA	TION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		***************************************
Flash Point (F)	>14	0
pH (S.U.)	6,95	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	81>	Q.
% Solids	3,4	4
Turbidity	Yes	No
Color		
TSS (%)	<0 v	
Radiation Screen (as needed)		8
Lab Signature/Initials	DC)

RECEIVING INF	ORMATION :	
Date	3.25	22
Receiving ID#	Z0325	2207
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Ain	1

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minute to the Manager of the interest of the i	***************************************	
LAB-INFORM	ATION .	
Compatible? (RT#)	1 V	
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		·
Flash Point (F)	$\perp \geq l'$	10
pH (S.U.)	1017	27
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1 1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	(6,5	55m5
% Solids	3,5	78
Turbidity	Yes	No
Color		
TSS (%)	<u> </u>),
Radiation Screen (as needed)	. <u></u>	
Lab Signature/Initials	L DC)

RECEIVING INF	<u>ORMATION</u>
Date	03/25-2027
Receiving ID#	203252206
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	BB

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	·	
LAB INFORMA	MOIT	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> 21º</u>	[0
pH (S.U.)	6.8	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		* 00
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	Nö
Oil in Sample?	Yes_	No
Temperature (F)	20	
Conductivity	1 9,1	<u> </u>
% Solids	3,33	
Turbidity	Yes	No
Color		
TSS (%)	く ()	
Radiation Screen (as needed)		*
Lab Signature/Initials	DID)

	in the first	
RECEIVING INFO	ORMÁTION :	10 (10 to 10 to
Date	03/25-2	222
Receiving ID#	803252	206
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	DB	

LAB INFORMA	ATION :	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> 214</u>	10
pH (S.U.)	9,2	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	16.0	17/15
% Solids	3,	28
Turbidity	Yes	No
Color		
TSS (%)	1 Z0.	
Radiation Screen (as needed)		ja ja
Lab Signature/Initials	00	

RECEIVING INFO	DRMATION :	
Date	03/25-7	erz
Receiving ID#	20325	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	BB	

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LAB INFORMA	TION:	
Compatible? (RT#)	1 4	-21
PCBs (ppm) (Oily Waste	1	
Only)?		
TOC ppm (CC Waste Only)?		THE RESERVE TO SERVE THE PROPERTY OF THE PERSON OF THE PER
Flash Point (F)	<u> </u>	40
pH (S.U.)	61	Y6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	4.4	SMS
% Solids	2.1	137
Turbidity	Yes	Nò
Color		
TS\$ (%)	<0	
Radiation Screen (as needed)		4.
Lab Signature/Initials	DO).

	Cathaire C	
RECEIVING INF	ORMATION	
Date	03/25-2	522
Receiving ID#	20325	2205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	BB	

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LABINFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	
pH (S.U.)	8,3	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	15.0	8m5
% Solids	1.8	1
Turbidity	Yes	No
Color		
TSS (%)	<u> </u>	1
Radiation Screen (as needed)		
Lab Signature/Initials	ρ)

RECEIVING INFO	apwytian
Date Date	3-25-22
Receiving ID#	203252204 SI
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	:
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JIM
Sampled by	M

LAB INFORMA	TION:	
Compatible? (RT#)	\ \	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		a de la companya de
Flash Point (F)	21	10
pH (S.U.)	6.9	6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	9 =	>
Conductivity	1000	7/15
% Solids	7.70	
Turbidity	Yes	No
Color	en en en en en en en en en en en en en e	
TSS (%)	20	1
Radiation Screen (as needed)		
Lab Signature/Initials	01)

A PARECEIVING INFO		
Date	3-25-28	
Receiving ID#	LOSSES	cy sst
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	W W	1

LAB INFORMA	TION:	
Compatible? (RT#)	1 Yes	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 2/40	
pH (S.U.)	10,3	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	65	
Conductivity	22.2	~ <
% Solids	2,17	
Turbidity	Yes '	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	L PO	

Date	3-25-2	22
Receiving ID#	工,03,35%	1203
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
<u>Time in</u>		
Time out		
Received by	」 スカ	*ta
Sampled by		

LAB-INFORM/	ATION .	
Compatible? (RT#)	7	
PCBs (ppm) (Oily Waste	1 /	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 2/4	10
pH (S.U.)	6,6	39
Cyanides? (mg/L)	-	·
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	64	
Conductivity	10,50	onl
% Solids	(0.)	
Turbidity	Yes	Nò
Color		
TSS (%)	20.1	
Radiation Screen (as needed)		
Lab Signature/Initials	J.H	

		Y. 10
RECEIVING	DRMATION :	
Date	3-25.2	22
Receiving ID#	103352	202
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	Jan	7.7
Sampled by		

LAB INFORMA	VTION:	
Compatible? (RT#)	ТУ	No statement
PCBs (ppm) (Oily Waste	,	
Only)?		-
TOC ppm (CC Waste Only)?		
Flash Point (F)	2142)
pH (S.U.)	6.8	<u> </u>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,69	
Physical Description		
Stream Consistency	Yes	Nö
Oil in Sample?	Yes	No
Temperature (F)	64	
Conductivity	10.49	
% Solids	2,68	
Turbidity	Yes	No
Color	Bren	رهر
TSS (%)	40-1	
Radiation Screen (as needed)	J	
Lab Signature/Initials		

RECEIVINGINF	and the second	
Date	3/25/2	<u> </u>
Receiving ID#	103252201	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		,
Client		
Transporter		
Time in		
Time out		
Received by	J. 17	
Sampled by	J. F	ggilo.

LAB-INEORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2170	
pH (S.U.)	10,84	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67	
Conductivity	10.32	_
% Solids		
Turbidity	Yes	No
Color		
TS\$ (%)	40.)	
Radiation Screen (as needed)		65
Lab Signature/Initials	Q.1%	

Date	P-37-W	- 22
Receiving ID#	ZOSZ	1 2201
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AW	1.

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	NF	<i>\</i>
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	Ó
pH (S.U.)	6.92)·
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	65	
Conductivity		3m5
% Solids	3.16	
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		*
Lab Signature/Initials	L PC)

Date	03/24-	2022
Receiving ID#	20324	7207
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	00)

LABFINFORM	ATION .	
Compatible? (RT#)	M	
PCBs (ppm) (Oily Waste		
Only)?	1//	
TOC ppm (CC Waste Only)?		
Flash Point (F)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Ġ.
pH (S.U.)	1 6.25	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20	
Conductivity	10,4	4
% Solids	I_{i}	l .
Turbidity	Yes	No
Color		
TSS (%)	L <0) (
Radiation Screen (as needed)		
Lab Signature/Initials	DO)

RECEIVINGINE	ORMATION	
Date	03/24-	COCL
Receiving ID#	80324	22.07
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	BB	

LAB INFORMA	VIION*	
Compatible? (RT#)	T V	
PCBs (ppm) (Oily Waste Only)?	NA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	\ \ >(^l /	0
pH (S.U.)	7,2	0
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0(
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70)
Conductivity	1600	フ
% Solids	2,2	5
Turbidity	Yes	No
Color	75	
TSS (%)	C0.1	
Radiation Screen (as needed)	-	
Lab Signature/Initials	PP)

RECEIVING INF	ORMATION -	
Date	03/24-2022	
Receiving ID#	203247206	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		<u></u>
Time in		y - New rammy decimal
Time out		
Received by		
Sampled by	1 66	:

Linear Control of the		
LABINFORMA	ATION:	
Compatible? (RT#)	I V	
PCBs (ppm) (Oily Waste		
Only)?	L WP	k .
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	Ó
pH (S.U.)	6,7	4
Gyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	10,9	4
% Solids	3,4	7 (1
Turbidity	Yes	No
Color		
TSS (%)	L 2	0.1
Radiation Screen (as needed)		91
Lab Signature/Initials)

	es es es de la company	
RECEIVING INF	ORMATION	
Date	03/24-2	022
Receiving ID#	203242	206
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		and the second second
Time in		· vo a migalo colorida
Time out		
Received by		
Sampled by	60	

		V-12-4-1-1
LAB INFORMA	MION*	
Compatible? (RT#)	V	er Buller en en 15e e
PCBs (ppm) (Oily Waste	1	
Only)?	NH	
TOC ppm (CC Waste Only)?		
Flash Point (F)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	10
pH (S.U.)	20	23
Cyanides? (mg/L)	130	5
Sulfides? (ppm)?	$\langle 2G \rangle$	5
Specific Gravity	1000	
Physical Description	•	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	17.4	Ò
% Solids	2.0	1
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	D/D)

RECEIVINGINE	ORMATION :	
Date	103/24-7	022
Receiving ID#	I 203247	2.05
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out	<u> </u>	and the second second second second second second second second second second second second second second seco
Received by	J.7.)
Sampled by	BB	

557-1

. Introduction of the second conference of the		
LAB INFORMA	ATION : · · ·	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14C)
pH (S,U.)	6.8	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	66	
Conductivity	17.08	ão S
% Solids	1.18	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		
Lab Signature/Initials	5,7)	

	Same of the State	
RECEIVING INF	ORMATION	
Date	03/24- 203247	2022
Receiving ID#	20324	2205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		and the said of the said of the said
Time in		. A
Time out		والمنافقة والمنافقة والمنافقة والمنافقة والمنافقة والمنافقة والمنافقة والمنافقة والمنافقة والمنافقة والمنافقة
Received by	5.7	7
Sampled by	08	

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LAB-INFORMA	ALION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	1/	
TOC ppm (CC Waste Only)?		······································
Flash Point (F)	>14	ð
pH (S.U.)	7,43	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1 1,00	f
Physical Description		
Stream Consistency	Yes	Nö
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	19.52	206_
% Solids	4.8	1)
Turbidity	Yes	['] No
Color		
TSS (%)	30.1	
Radiation Screen (as needed)		
Lab Signature/Initials	J.19	

	44,557,42,573,65	
RECEIVINGUNE	DRMATION	
Date	3-24.	22
Receiving ID#	I03242	264
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		· · · · · · · · · · · · · · · · · · ·
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		المستنان والمستنان المستنا
Received by	1 5.7	·)
Sampled by	I A A,	

THE SECOND SECON		
LAB INFORMA	VTION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)		
pH (S.U.)	61	39
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	65	
Conductivity	10.00	n 5
% Solids	1.32	
Turbidity	Yes	No
Color		
TSS (%)	くわい	
Radiation Screen (as needed)		a .
Lab Signature/Initials	J.))	

RECEIVING INFO	Activity of the Control of the Contr	
Date	3-24-	22
Receiving ID#	I03242	203
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.	r)
Sampled by	ELL	

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	6198	
pH (S.U.)	6198	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.61	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	106	
Conductivity	10.43.	<i>ര</i> ്
% Solids	2.65	•
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)		, 15
Lab Signature/Initials	コルカ	

	San San San San San San San San San San
RECEIVING INF	ORMATION:
Date	13-24-22
Receiving ID#	I03342202
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.77)
Sampled by	EAL

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F))141 6.89)
pH (S,U.)	6.8)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,61	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	66	
Conductivity	11,08	rn Š
% Solids	40.	1
Turbidity	Yes	No
Color		
TSS (%)	<o> < < < < < < < < < < < < < < < < < <</o>	Ì
Radiation Screen (as needed)		
Lab Signature/Initials	J.H)	·

RECEIVING INF	
Date	3-24-22
Receiving ID#	IO3242201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J D J
Sampled by	AX

LAB INFORMA	TIONS	
Compatible? (RT#)	1919-218	
PCBs (ppm) (Oily Waste		de la desta de la desta de la dela dela dela dela dela dela de
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	40
pH (S.U.)	6.92	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	10,38)
% Solids	20	9
Turbidity	Yes	No
Color		
TS\$ (%)	(0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	:	

100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 mg 100 m 100 mg 100 mg	
RECEIVING INF	
Date	3. 23.22
Receiving ID#	703237208
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	· · · · · · · · · · · · · · · · · · ·
Time out	
Received by	
Sampled by	AW

LAB: INFORMA	TION:	
Compatible? (RT#)	l y	
PCBs (ppm) (Oily Waste	1.0	A
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/	90
pH (S.U.)	6.7	PU
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,0	12
Physical Description		-11.
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	62	<u> </u>
Conductivity	18	183MS
% Solids	4,	39
Turbidity	Yes	`Nò
Color		
TSS (%)		0,1
Radiation Screen (as needed)		,
Lab Signature/Initials		

Date	63/23-	ていてい
Receiving ID#	20323	220
Manifest# Line		3
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Bl	`

		tura Silawa ayaan magas
LAB INFORMA	TION .	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste	6 8	\
Only)?	1//	-\
TOC ppm (CC Waste Only)?		
Flash Point (F)	>/ <i>u</i>	10
pH (S.U.)	6.8	-6
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1007	
Physical Description		~~
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	12,5	22ms
% Solids	3.2	
Turbidity	Yes	No
Color		
TSS (%)	20	ûd
Radiation Screen (as needed)		
Lab Signature/Initials	Ot	2

RECEIVING INF	ORMATIO	N
Date	3-2	3-72
Receiving ID#	IO32	32263 STE
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	4	M

LAB INFORMA	ŲION°, ∷∶	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	M	
Only)?	1111	
TOC ppm (CC Waste Only)?		
Flash Point (F)	219	<u>D</u>
pH (S.U.)	6	7.7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		<u> </u>
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	}
Conductivity		born 5
% Solids	1.43	
Turbidity	Yes	No
Color		
TSS (%)	⟨∅,*	Ý
Radiation Screen (as needed)		
Lab Signature/Initials		

	Section 4	
RECEIVING INFO	ORMATION :	
Date	3-23	7.7
Receiving ID#	763232	203 SST-
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(f, D	
Sampled by	NK.	

LABRINEORMA	TINK :	7
Compatible? (RT#)	ATION S	
PCBs (ppm) (Oily Waste	1 /	
Only)?	////	
TOC ppm (CC Waste Only)?		
Flash Point (F)	> 170	9
pH (S.U.)	6.t	36
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity	19.	77
% Solids	0.4	9
Turbidity	Yes	No
Color		
TSS (%)	40	1.
Radiation Screen (as needed)	<u> </u>	. 46°
Lab Signature/Initials		

RECEIVING INFO	DRMATION-	
Date	3.23-	22
Receiving ID#	IO323	2205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	A	J

LAB INFORMA	TION:	
Compatible? (RT#)	У	
PCBs (ppm) (Oily Waste Only)?	NF	}
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> 2/4</u>	΄ ύ
pH (S.U.)	6.8	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	11.4	13ms
% Solids	C0	
Turbidity	Yes	No
Color		
TS\$ (%)	10	
Radiation Screen (as needed)		
Lab Signature/Initials	L	>

RECEIVING INF	and the same of the state of the same and th	77
Date	3. 23-	
Receiving ID#	IOS ZS	2209
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Div	or and a second

		72.5-4
LAB-INFORMA	*YOUT	
Compatible? (RT#)	ye.	5
PCBs (ppm) (Oily Waste	AM	
Only)?	11/1	
TOC ppm (CC Waste Only)?		ale and in the fact of the fac
Flash Point (F)	214	0
pH (S.U.)	7.0	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70)
Conductivity	22	SMS
% Solids	3,	80
Turbidity	Yes	No
Color		
TSS (%)	20)(
Radiation Screen (as needed)		
Lab Signature/Initials	l Dt	>

	4.5	
RECEIVING INFO	DRMATION -	
Date	3-23-2	Z
Receiving ID#		2204
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		50%
Time out		
Received by		
Sampled by		.
Sampled by	10	Va

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The state of the s		
LAB INFORMA	ATION:	
Compatible? (RT#)	I X	
PCBs (ppm) (Oily Waste	100	
Only)?	1117	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 219	Û
pH (S.U.)	23	_3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity	21,4	ms
% Solids	2,1	7
Turbidity	Yes	No
Color		
TSS (%)	1 16	1
Radiation Screen (as needed)		
Lab Signature/Initials	L $D \cap$	1

RECEIVING INFO	3-23-	22
Receiving ID#	T0323;	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by		

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LAB INFORMA	TION	
Compatible? (RT#)	1 1	
PCBs (ppm) (Oily Waste	1/6	
Only)?	11/1	1
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	0
pH (S.U.)	6.6	-3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	1 20)
Conductivity	11,0	14ms
% Solids	211	55
Turbidity	Yes	No
Color		
TSS (%)	<	0.(
Radiation Screen (as needed)		i i
Lab Signature/Initials	L DC)

RECEIVING INF	ORMATION	
Date	103/23-20	222
Receiving ID#	203232	200
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	1 86	

COS CONTRACTOR AND MEASURE		201827 J.J.
LABINFORMA	WION:	titulio i a di
Compatible? (RT#)	V	<u> </u>
PCBs (ppm) (Oily Waste	/	
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/40	9
pH (S.U.)	G.5	
Cyanides? (mg/L)		
Sulfides? (ppm)?		·
Specific Gravity	107	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20	
Conductivity	13,5	3m 5
% Solids	(0	(
Turbidity	Yes	No
Color		
TSS (%)	20	ν
Radiation Screen (as needed)		
Lab Signature/Initials	L)

RECEIVINGUNFO		7 ~
Date	3-23-	
Receiving ID#	IOSZJE	7303
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J))	
Sampled by	TAE	

LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>/1	10
pH (S.U.)	6.8) >
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	>
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	108	
Conductivity	10.04	m5
% Solids	0.40	
Turbidity	Yes	No
Color		
TSS (%)	(0.)
Radiation Screen (as needed)		11
Lab Signature/Initials	J. 37)	

2.00 mg/s (1.00 mg/s)	ting the	
RECEWINGINE	ORMATION -	
Date	3/23/	22
Receiving ID#	263232	22-51
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		·
Client		·
Transporter		
Time in		
Time out		
Received by	」 、が	
Sampled by	S. S. S. S. S. S. S. S. S. S. S. S. S. S	LOW MALENCE AND AND AND AND AND AND AND AND AND AND

:: LAB. INFORMA	TION:	
Compatible? (RT#)		2015 Hair B. 1011 Hair 224
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	21.40)
pH (S.U.)	6.8	Post Contraction
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68)
Conductivity	14.2	9
% Solids	1.63	
Turbidity	Yes	No
Color		
TSS (%)	<0.1	
Radiation Screen (as needed)	1	4
Lab Signature/Initials	J. H.	

RECEIVING INF	ORMATION	
Date	03/22-7	wel
Receiving ID#	20322	2209
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	00	
Sampled by	1 BB	

LABIINFORMA	TION	
Compatible? (RT#)	T Y	
PCBs (ppm) (Oily Waste Only)?	MA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/40	·
pH (S.U.)	6,76	l
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20	
Conductivity		
% Solids	CO.1	
Turbidity	Yes	No
Color		
TS\$ (%)	<0.	
Radiation Screen (as needed)		
Lab Signature/Initials	DA	

RECEIVING INFO	DRMATION :	
Date	3.22	· 22
Receiving ID#	ZO3 ZZ Z	208
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Ah	/

LAB INFORMA	TIONL	
Compatible? (RT#)	l V	
PCBs (ppm) (Oily Waste Only)?	NA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	16
pH (S.U.)	6.2	Ú.
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity		
% Solids	21/9	
Turbidity	Yes	No
Color		
TSS (%)	20,1	
Radiation Screen (as needed)		
Lab Signature/Initials	L DE)

4.4	ne tau in the	
RECEIVING INFO	<u>PRMATION : </u>	
Date	03/22-	2525
Receiving ID#	卫0327	22207
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		··· ·
Sampled by	1 6h)

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LAB INFORMA	TION.	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	MA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	> [4	' 6
pH (S.U.)	6.8	1
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity		
% Solids	0.47	
Turbidity	Yes	No
Color		
TS\$ (%)		σ_{11}
Radiation Screen (as needed)		
Lab Signature/Initials	DE)

RECEIVING INF	ORMATION :	
Date	03/22-	Teres.
Receiving ID#	20322	2207
Manifést# Line	- 5.5.5	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	· .	
Time out		
Received by		
Sampled by	1 6b	

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LABUINFORM	ATION .	
Compatible? (RT#)	l y	
PCBs (ppm) (Oily Waste	I da	
Only)?	1/1	·
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 214	0
pH (S.U.)	6,0	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	402	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20)
Conductivity		
% Solids	34	2
Turbidity	Yes	No
Color		
TSS (%)	\perp $< \ell$), [
Radiation Screen (as needed)	1	· · · · · · · · · · · · · · · · · · ·
Lab Signature/Initials	$\perp \mu$)

A STATE OF THE STA	11.534.35	
- RECEIVING INFO		
Date	3- 22.	22
Receiving ID#	TO322	2206
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		
Received by		
Sampled by	Ah	/

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LAB INFORMA	KIION :	<i>3</i>
Compatible? (RT#)	1 7	· · · · · · · · · · · · · · · · · · ·
PCBs (ppm) (Oily Waste	A/A	
Only)?	WIT	
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/4	0
pH (S.U.)	6,66	[
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	>0	
Conductivity		
% Solids	≤ 0	
Turbidity	Yes	['] No
Color		
TS\$ (%)	LO.	1
Radiation Screen (as needed)		
Lab Signature/Initials	b12	

RECEIVING INFO	
Date	3.22-72
Receiving ID#	I0379993
Manifest# Line	constant in the second
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	I.J.
Sampled by	ING
	Se all

LAB! INFORM	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		······································
Only)?		·
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	10
pH (S.U.)	6-5	35)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	6.2	
% Solids	1.00	
Turbidity	Yes	No
Color		444
TSS (%)		2-1
Radiation Screen (as needed)		
Lab Signature/Initials		· · · · · · · · · · · · · · · · · · ·

RECEIVINGINE	ORMATION	
Date	3-22	-22
Receiving ID#	IO322	2204
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	37	7)
Sampled by		

65T-2

LAB INFORMA	VIION -	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	100	
Only)?	WIT	
TOC ppm (CC Waste Only)?		·
Flash Point (F)	12140	
pH (S.U.)	9,91)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	·
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity	13,4	I ms
% Solids	<0.1	
Turbidity	Yes	No
Color		
TSS (%)	40.	1
Radiation Screen (as needed)		
Lab Signature/Initials		

Date	3-22-7	2-6-
Receiving ID#	J03222	204 55
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	TA3	
оаприест ву	104	

LAB-INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>11	10
pH (S.U.)	60-9	38
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	$l_i \delta^i$)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	うひ	
Conductivity	2.0	~5
% Solids	3.72	_
Turbidity	Yes	No
Color		***************************************
TSS (%)	(0)	. \
Radiation Screen (as needed)		4:
Lab Signature/Initials		

RECEIVING INF	ODMATION
Date	3-22-22
Receiving ID#	I03222202
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.ガ
Sampled by	ELL

LAB INFORM/	ATION:	
Compatible? (RT#)	ГУ	
PCBs (ppm) (Oily Waste		
Only)?		, '
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 3142	<u>5</u>
pH (S.U.)	6,	97_
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1 1,00)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70)
Conductivity	69	2
% Solids	2.17	7
Turbidity	Yes	No
Color		
TS\$ (%)	< 0,1	
Radiation Screen (as needed)		2F)
Lab Signature/Initials		

RECEIVING INFO	ORMATION
Date	
Receiving ID#	3.2222 T03222201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.+-)
Sampled by	DW.

A STREET WEST	o-HANIC ST	- 1 (C) (C)
Compatible? (RT#)	VEIONS:	
PCBs (ppm) (Oily Waste		daning and an area
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	5.7	4E)
pH (S.U.)	1 / /2	
	6-9	5
Cyanides? (mg/L)	1	·····
Sulfides? (ppm)?	0.60	
Specific Gravity	1.02	State of the state
Physical Description		<u> </u>
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	ot an argument and all the second
Conductivity	2.4	2 m 9
% Solids	1.49	
Turbidity	Yes	No
Color		
TSS (%)	LC	24
Radiation Screen (as needed)		
Lab Signature/Initials		

Fig. 1.	4,74	
RECEIVING INF	ORMATION	
Date	03/22-	WIL
Receiving ID#	03/22- 20322	22.05
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	BB	

351-2

	·	
LAB INFORMA	TION:	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste		
Only)?	1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	140	i i i i i i i i i i i i i i i i i i i
pH (S.U.)	7.0	}
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	
Conductivity		
% Solids	0.8]	
Turbidity	Yes	No
Color		
TSS (%)	<u> </u>	
Radiation Screen (as needed)		T
Lab Signature/Initials		

RECEIVING INFO	DRMATION	
Date	03/22-7	022
Receiving ID#	20322	7205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		
Received by	J.7	9
Sampled by	1 65	

95T-1

*		
LAB INFORMA	TION:	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	142)
pH (S.U.)	8.8	30
Gyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76)
Conductivity		
% Solids	2.40	1
Turbidity	Yes	No
Color		
TSS (%)	<0.	١
Radiation Screen (as needed)		4.
Lab Signature/Initials		

	1974	
RECEIVING INF	ORMATION -	(A. 1843)
Date	13-22-22	
Receiving ID#	T03222	206
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AW	

LAB INFORMA	TION:	
Compatible? (RT#)	Ves	
PCBs (ppm) (Oily Waste	1 000	k minimum in second a second a second a second a second a second a second a second a second a second a second
Only)?	1 1/1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7(9	0
pH (S.U.)	8.4	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02) ~
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No.
Temperature (F)	70	
Conductivity		
% Solids	1,23	
Turbidity	Yes	No
Color		
TSS (%)	2011	
Radiation Screen (as needed)		
Lab Signature/Initials	Dk)

	and the state of the state of	
RECEIVING INF		
Date	3.22.	- 22
Receiving ID#	20322	2206
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		the state of the s
Transporter		المعاقبية السيان الأوارات المعارض المساورة
Time in		
Time out		
Received by		
Sampled by	AN	/

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	Arl	1
Only)?	1.1	7
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	B197)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	$\int \int $	7
Physical Description		*
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	
Conductivity		
% Solids	3.46	
Turbidity	Yes	No
Color		
TS\$ (%)	ZON	
Radiation Screen (as needed)		
Lab Signature/Initials	\mathcal{O}	\bigcirc

	and the distance	
RECEIVINGINE	ORMATION	
Date	3-21	22
Receiving ID#	ZOS 21	2208
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		_u ; juncasin suma and
Time out		
Received by	JA.	
Sampled by	AW	,

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LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	46
pH (S.U.)	6.9	\[\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Cyanides? (mg/L)	<u> </u>	
Sulfides? (ppm)?		
Specific Gravity	(.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	20.	
Conductivity	161	5
% Solids	2,2	<u>u</u>
Turbidity	Yes	No
Color		
TSS (%)	20	, <u>f</u>
Radiation Screen (as needed)		24.
Lab Signature/Initials	びず	

	the state of	
REGEIVING INF	ORMATION:	
Date	03/21-21	222
Receiving ID#	203212	207
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		· · · · · · · · · · · · · · · · · · ·
Received by		
Sampled by	<u> </u>	

LAB INFORMA	TION:	
Compatible? (RT#)	U	
PCBs (ppm) (Oily Waste Only)?	/	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	5
pH (S.U.)	68	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	102	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.	
Conductivity	11.90	15
% Solids	2,7	1
Turbidity	Yes	No
Color		
TSS (%)	Z0,	44
Radiation Screen (as needed)		
Lab Signature/Initials	pp	

	1.00	
RECEIVING INFO	RMATION-	
Date	3.21	. 22
Receiving ID#	IO321	2206
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #	:	
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	An	

	THE RESERVE OF THE PARTY OF	
LAB INFORMA	ATION:	9.54
Compatible? (RT#)	1 res	
PCBs (ppm) (Oily Waste	1 7-	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140)
pH (S.U.)	6,83	
Cyanides? (mg/L)		
Sulfides? (ppm)?	1	
Specific Gravity	1.62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.	2
Conductivity	29.2	
% Solids	1,99	[
Turbidity	Yes	Nò
Color		
TSS (%)	Z0.1	
Radiation Screen (as needed)		\$.
Lab Signature/Initials	DP DP	

	the August I.e.	
RECEIVING INFO	PRMATION :	
Date	3.21	- 22
Receiving ID#	TOSZI	2205
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AW	/

LAB INFORMA	TION:	
Compatible? (RT#)	T Ves	1.5.5
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6177	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No.
Temperature (F)	650	4
Conductivity	188.4	. `
% Solids	2,76	
Turbidity	Yes	No
Color		
TSS (%)	CO, 1	
Radiation Screen (as needed)		ر این دوند
Lab Signature/Initials	Dr.	

RECEIVINGINE	ORMATION	
Date	3-20	. 22
Receiving ID#	ID320	2202
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		·
Transporter		فالمانون بين بينا يستند بالاست
Time in		
Time out		and the second second second second second second second second second second second second second second seco
Received by		
Sampled by	Ah	,

557-1

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F))141	<u> </u>
pH (S.U.)	Car	12
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69,	
Conductivity	1 33	1007
% Solids	Š.C	8
Turbidity	Yes	. No
Color		
TSS (%)	40.1	
Radiation Screen (as needed)		v*
Lab Signature/Initials	J.7)

		Y. Y
RECEIVING INFO	RMATION	
Date	3-40.	22
Receiving ID#	J0320	2202
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		
Received by	1 37	1
Sampled by	AW	/

S57-2

LAB INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 514	Q
pH (S.U.)	6.7	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.62	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	43,1	~ S
% Solids	002	8
Turbidity	Yes	No
Color		
TSS (%)	10	1
Radiation Screen (as needed)	*	42.
Lab Signature/Initials	J.A	

Date	3-20.	22
Receiving ID#	ZOS 20	2203
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		·
Time in		
Time out		
Received by	John	
Sampled by	Ah	/

LAB-INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	8
pH (S.U.)	las	12-
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,00	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	37,8	ms.
% Solids	<0.	(
Turbidity	Yes	No
Color		
TSS (%)	(0)	
Radiation Screen (as needed)		,
Lab Signature/Initials	100	

RECEIVING INF	ORMATION
Date	3-21-72
Receiving ID#	T03212202
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	000
Sampled by	TH

LABIINFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140)
pH (S.U.)	697	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.69	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	36.81	20
% Solids	501	
Turbidity	Yes	No
Color		
TS\$ (%)	(0)	
Radiation Screen (as needed)		u:
Lab Signature/Initials	<u> </u>	

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RECEIVINGINF			
Date		3-21-22	
Receiving ID#	I03717	2204	
Manifest# Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by	J.H		
Sampled by	76		

LABINFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 312	16
pH (S.U.)	B 78	}
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	60)
Conductivity	38,2	-75-5
% Solids	1.49)
Turbidity	Yes	No
Color		
TS\$ (%)	2 D.	1
Radiation Screen (as needed)		
Lab Signature/Initials	1 00	

RECEIVING INFO	DRMATION -	
Date	3-21 6	12
Receiving ID#	I03212203	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	ر ا	/H
Sampled by	13.	
	1	

557.2

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	J. 2 4,	0
pH (S.U.)	6-	83
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	6	7
Conductivity	37.7	MS
% Solids	20.	1
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		e:
Lab Signature/Initials	90	

RECEIVING INFO	13-21-2	2
Receiving ID#	I03212	20155
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J. Orl	j
Sampled by		

LAB INFORMA	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >14	D
pH (S.U.)	6,7	12
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	399	~~ S
% Solids	1.04	
Turbidity	Yes	No
Color	4	
TSS (%)	501	
Radiation Screen (as needed)		
Lab Signature/Initials	00	

RECEIVING INFO	ORMATION:		
Date	3-21-2	٦	
Receiving ID#	I03212	20155	7-2
Manifest# Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by			
Sampled by	FRL	3	
	1 1		

LABHINEORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		and the state of t
Flash Point (F)	>140)
pH (S.U.)	7,0	12
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	1
Conductivity	381 4	NS
% Solids	60	.]
Turbidity	Yes	No
Color		
TSS (%)	\$6,	Ì
Radiation Screen (as needed)		
Lab Signature/Initials	DQ.	

RECEIVINGUNFO	RMATION	
Date	3:20	9-22
Receiving ID#	Z032	02201
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		i del mannama
Time out		
Received by		
Sampled by	1 Ai	N .

LAB INFORMA	TION!	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		<u> </u>
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	
pH (S.U.)	6,8	<u>5 </u>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	1 1	
Stream Consistency	Yes	– No
Oil in Sample?	Yes	No
Temperature (F)	760	,8
Conductivity	30.5	8m5_
% Solids	3,4	0
Turbidity	Yes	No
Color	:	
TSS (%)	C011	
Radiation Screen (as needed)		
Lab Signature/Initials	J. 74	

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RECEIVING INFO	<u>PRMANION™</u> 2 · Z C	77
Receiving ID#	12052	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(7.7.)
Sampled by	TAI	N

LAB INFORM	ATION:	
Compatible? (RT#)	У	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	\rangle / ι	10
pH (S.U.)	6.8	2
Cyanides? (mg/L)		1
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		7
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76,	5
Conductivity	38.	LMS
% Solids	1,4	2
Turbidity	Yes	No
Color		
TS\$ (%)	[01
Radiation Screen (as needed)		ys."
Lab Signature/Initials	(137)	

Date	3-19-2	7
Receiving ID#	I031922	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	1	

LAB INFORMA	TION	
Compatible? (RT#)	1 7	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	Ö
pH (S.U.)	6,9-	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	6	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	74.8	
Conductivity	247MS	
% Solids	1 1,62	
Turbidity	Yes	Νo
Color		
TS\$ (%)	Z0.1	
Radiation Screen (as needed)		
Lab Signature/Initials	U)

Manifest # Line Land Ban Cert included Yes No EGT Approval # Generator Client Transporter Time in Time out	Date	3-19-2	Z
Manifest # Line Land Ban Cert included Yes No EGT Approval # Generator Client Transporter Time in Time out	Receiving ID#	203/9220	/ SST
EGT Approval # Generator Client Transporter Time in Time out	Manifest # Line		
Generator Client Transporter Time in Time out	Land Ban Cert included	Yes	No
Client Transporter Time in Time out	EGT Approval #		
Transporter Time in Time out	Generator		
Time in Time out	Client		
Time out	Transporter		
	Time in		
	Time out		
Keceived by	Received by		

LAB-INFORMA	TION "	Free Programme St.
Compatible? (RT#)	\ \ \ \	
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	40
pH (S.U.)	G, 4	14
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	La	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75.6	
Conductivity	26.7ms	
% Solids		
Turbidity	Yes	No
Color		
TSS (%)	40.1	
Radiation Screen (as needed)		
Lab Signature/Initials	DI.)

RECEIVING INF		/Y //
Date	3-19-22	
Receiving ID#	I03192203	5577
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	Die	

	control of the second s	
LAB INFORMA	KTION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	10
pH (S.U.)	6.8	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	Lq	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	24	5
Conductivity	28	ルカン
% Solids	3,4	6
Turbidity	Yes	No
Color		
TSS (%)	20	.
Radiation Screen (as needed)		
Lab Signature/Initials	DC)

RECEIVING INF	ORMATION:	
Date	3-19-	22
Receiving ID#	10319	2202
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator	- :	
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by		}

LAB INFORMA	TION:	
Compatible? (RT#)	ΤУ	
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>/0	10
pH (S.U.)	6.8	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	loc	57
Physical Description	L	
Stream Consistency	Yes	✓ No
Oil in Sample?	Yes	No
Temperature (F)	25	,U
Conductivity	28,	7015
% Solids	1,7	31
Turbidity	Yes	No
Color		
TSS (%)	1	1
Radiation Screen (as needed)		, t
Lab Signature/Initials	<u> </u>)

RECEIVING INF	ORMATION	
Date	3.19-2	2
Receiving ID#	103197	***************************************
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		***************************************
Client		
Transporter		
Time in		
Time out		1 3 Lucennaria
Received by		
Sampled by	ESS	

CONTROL OF THE PROPERTY OF THE	encontativing the property and the second	elociacio de la company
LAB INFORM	ATION :	
Compatible? (RT#)	У	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	The state of the s
pH (S.U.)	6.9	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	10	2
Physical Description	1 6	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	$->$ q_c	8
Conductivity	40.	5m5
% Solids	218	>
Turbidity	Yes	No
Color		
TSS (%)	1 20	'il
Radiation Screen (as needed)		*
Lab Signature/Initials	Db	,

		300000000000000000000000000000000000000	11000
1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.			
RECEIVING INFO	DRMATION		
Date	3-18-23	-	1
Receiving ID#	I03182	203	35T-2
Manifest# Line			
Land Ban Cert included	Yes	No]
EGT Approval #			1
Generator		-	1
Client			
Transporter			1
Time in		<u> </u>	1
Time out			1
Received by			
Sampled by	I A SI		
	(;)	and the second	-

LAB INFORM	ATION:	
Compatible? (RT#)	y	
PCBs (ppm) (Oily Waste		· · · · · · · · · · · · · · · · · · ·
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	0
pH (S.U.)	6,8	0
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	[10]	
Physical Description	Ly	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	J >5	
Conductivity	2-80	2m5
% Solids	3,4	13
Turbidity	Yes	No
Color		
TSS (%)	70	
Radiation Screen (as needed)		*
Lab Signature/Initials	1 00	-

	/F-//F-1 A 11 A	COLL
RECEIVING INFO	RMATION:	
Date	3-18-7).T
Receiving ID#	IO3182	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	EA	
	()	

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The state of the s		
LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> 219</u>	0
pH (S.U.)	6,7	8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	100	1
Physical Description	6	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	740	8
Conductivity	261	1m5
% Solids	2,6	.8
Turbidity	Yes	No
Color		
TSS (%)	20	
Radiation Screen (as needed)		4
Lab Signature/Initials	(NO	

RECEIVING INF	ORMATION	
Date	3-18-	22
Receiving ID#	Z0318	2206
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client	-	
Transporter		
Time in		
Time out		Ti danta
Received by		. His market come of the
Sampled by	Alv	/

" LAB-INFORM	TION	Mark St.
Compatible? (RT#)	\ \	
PCBs (ppm) (Oily Waste	1	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >14	70
pH (S.U.)	1 2,6	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	hill	
Physical Description	L6	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75	, 1
Conductivity	260	7/15
% Solids	2,1	14
Turbidity	Yes	No
Color		
TS\$ (%)	10	<u>, </u>
Radiation Screen (as needed)		
Lab Signature/Initials	90)

	# 12 P	
RECEIVING INF		
Date	3.18.	. 22
Receiving ID#	Z0318	2205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AW	لتضعف بالمساورة والمساورة

LAB INFORMA	JION :	
Compatible? (RT#)	\setminus	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2	140
pH (S.U.)	4,	72
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,01	
Physical Description	Lq	
Stream Consistency	Yes	No
Oil in Sample?	Yes_	No.
Temperature (F)	/6	2,4
Conductivity	42	15m5
% Solids	2,19	
Turbidity	Yes	No
Color		
TSS (%)		Oil
Radiation Screen (as needed)		
Lab Signature/Initials	L	D

557-2

AREGEWINGINFO	DRMATION	
Date	3-18-	22
Receiving ID#	Z0318	2205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AL	/

LAB INFORMATION Compatible? (RT# PCBs (ppm) (Oily Waste Only)? TOC ppm (CC Waste Only)? Flash Point (F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm)? Specific Gravity ,01 Physical Description Stream Consistency Yes No Oil in Sample? Yes No Temperature (F) ,7ms Conductivity % Solids **Turbidity** Yes No Color 201 TSS (%) Radiation Screen (as needed) W) Lab Signature/Initials

RECEIVING I	NFORMATION	
Date	03/18	2022
Receiving ID#	20318	77204
Manifest# Lin		T
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	BB	

LAB-INFORMA	WION:	
Compatible? (RT#)	6	and a constraint of
PCBs (ppm) (Oily Waste	LAN	
Only)?	I N H	·
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/40	?
pH (S.U.)	6.71	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,02	
Physical Description	L-G	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No:
Temperature (F)	75,0	
Conductivity		
% Solids	1 237	7
Turbidity	Yes	No
Color	Brown	<i>?</i>
TSS (%)	<0.1	
Radiation Screen (as needed)		
Lab Signature/Initials		

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RECEIVING INF	ORMATION	
Date	3-18-2	22
Receiving ID#	1031822	ol ssi
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	, 3,7	7
Sampled by		ł

*		
LAB INFORMA	YTION:	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>11	
pH (S.U.)	60-5	k.)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description	1 1 0	
Stream Consistency	Yes	- No
Oil in Sample?	Yes	No
Temperature (F)	700	3
Conductivity	43.0	ar 5
% Solids	3,5	72_
Turbidity	Yes	No
Color		
TS\$ (%)	40	1
Radiation Screen (as needed)		,,,,
Lab Signature/Initials	J. 19	

Date	3-18-	22	
Receiving ID#	IJ08182	201 55	1-2
Manifest # Line			v
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by			
Sampled by		V	

LAB INFORMA	TION:	
Compatible? (RT#)	$\mathcal{A}^{(i)}$	
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	()
pH (S.U.)	6.5	1
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	4.00	
Physical Description	Lo	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	.7
Conductivity	28.1	
% Solids	40.1	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		وفوسيسا ساسم
Lab Signature/Initials	l Po	

RECEIVINGINE	ORMATION :
Date	3.17.22
Receiving ID#	IO317220S
Manifést# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	57)
Sampled by	AW

LAB INFORMA	VTION:	
Compatible? (RT#)		E. D. A. W. Martin Branch and D. M.
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		تتناسب والمراجعين
Flash Point (F)	>15	10
pH (S.U.)	6.6	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	Lec)2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	76	1,2
Conductivity	30	305
% Solids	3,	22
Turbidity	Yes	No
Color		
TS\$ (%)	<0	. (
Radiation Screen (as needed)		,f
Lab Signature/Initials		

RECEIVING INFO	ORMATION -	
Date	7.17.	22
Receiving ID#	20317	2204
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	5.7	+
Sampled by	AW	1

LAB-INFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	711	10
pH (S.U.)	6,5	4
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	75	,2
Conductivity	28	3 MS
% Solids	3,6	15
Turbidity	Yes	No
Color		
TSS (%)	(0	, [
Radiation Screen (as needed)		
Lab Signature/Initials	PAD	

RECEIVING INFO	DRMATION ::	
Date	3.17.	22
Receiving ID#	IOS 17	2204
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		4 compression
Time in		
Time out		
Received by	J.デ	")
Sampled by	AW	

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LAB!INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		<u></u>
Only)?		
TOC ppm (CC Waste Only)?		و معامدات المساور المس
Flash Point (F)	<u> </u>	46
pH (S.U.)	6,0	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.152	
Physical Description		1. n
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F))(1.4
Conductivity	2	8.1ms
% Solids	2,8	16
Turbidity	Yes	No
Color		
TSS (%)	<(0.1
Radiation Screen (as needed)		n Error (1 des montes e
Lab Signature/Initials	\Box	\mathbb{D}

	ing stronger
RECEIVING IN	ORMATION
Date	3-17-22
Receiving ID#	203172203
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. 173
Sampled by	り, ル、

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LAB INFORMA	(TION)	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		<u> </u>
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	<u> </u>
pH (S.U.)	60,5	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68,	ð
Conductivity	27.6	m5
% Solids	2.33	?
Turbidity	Yes	No
Color		
TSS (%)	20.	1
Radiation Screen (as needed)		
Lab Signature/Initials		

557-1

		N.
RECEIVINGINF	ORMATION	
Date	3.17	22
Receiving ID#	TOSIT	2203
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		and the second second
Generator		
Client		
Transporter		<u>د مسمری سید توریخ د</u>
Time in		
Time out		
Received by	(C) 2)	1
Sampled by	AV	/

LAB INFORMATION Compatible? (RT# PCBs (ppm) (Oily Waste Only)? TOC ppm (CC Waste Only)? 1140 Flash Point (F) 6-20 pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm)? Specific Gravity -02 **Physical Description** Stream Consistency Yes No Oil in Sample? Yes No Temperature (F) 37.9.5 Conductivity 2.23 % Solids Turbidity Yes No Color TSS (%) Radiation Screen (as needed) Lab Signature/Initials

RECEIVING INFO	RMATION		
Date	3-17-	Zan Zan	
Receiving ID#	I0317	2202 5	ST-2
Manifest# Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in		- Transport	
Time out			
Received by	J.7	2	1
Sampled by	J.F.		

LAB-INFORMA	TION*	
Compatible? (RT#)		e a produce a la company
PCBs (ppm) (Oily Waste		
Only)?		,
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.50	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	65.0	
Conductivity	26.4	
% Solids	1,46	
Turbidity	Yes	No
Color		
TSS (%)	(0,)	
Radiation Screen (as needed)		32 ·
Lab Signature/Initials	すり	

Date	DRMATION 3-17-2	
Receiving ID#	Jos 1722	***************************************
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.72	
Sampled by	J.F.	

LAB INFORM/	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1/5	10
pH (S.U.)	6.3	Ŋ
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity		053
Physical Description	•	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	64	
Conductivity	39.4	m 5
% Solids	2.2	6
Turbidity	Yes	Nò
Color		
TSS (%)	101	
Radiation Screen (as needed)		
Lab Signature/Initials	50	-)

The state of the s	1.015	
RECEIVING INFO	RMATION	
Date	3.16.	to a second contract and the s
Receiving ID#	IO316	2204
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		200/00-2000
Time out		
Received by	J 0,7	-)
Sampled by	AW	•

LAB INFORMA	YTION*	
Compatible? (RT#)		***************************************
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		- Company to be seen as a
Flash Point (F)	>140)
pH (S.U.)	6.62	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70.8	
Conductivity	26.6	ing.
% Solids	1.95	
Turbidity	Yes	No
Color		
TSS (%)	400	
Radiation Screen (as needed)		at .
Lab Signature/Initials	5.17	

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RECEIVING INFO	PRMATION	
Date	3.16	72
Receiving ID#	工0316	2704
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.	j)
Sampled by	Ah	/

LAB: INFORM	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	-	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)		140
pH (S.U.)	フク	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	Art.
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	フル)
Conductivity	45,6	2 20 5
% Solids	1.94	2
Turbidity	Yes	No
Color		
TS\$ (%)	30,	1
Radiation Screen (as needed)		
Lab Signature/Initials	J. W	

Receiving & Departure Approval Form

	The African	Y
RECEIVING INFO	ORMATION -	
Date	3.16	22
Receiving ID#	Z03168	2005
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out	444	·
Received by	J.7	
Sampled by	AW	(

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LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		<u></u>
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 > 1	40
pH (S.U.)	10-8	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.	4
Conductivity	28.9	9 ~5
% Solids	2-5	5
Turbidity	Yes	No
Color		
TSS (%)	40	2-1
Radiation Screen (as needed)		2* 1
Lab Signature/Initials	J. j-) .

RECEIVING INF	ORMATION:	
Date	3.16	22
Receiving ID#	IO3 16	220S
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		· · · · · · · · · · · · · · · · · · ·
Transporter		
Time in		
Time out		
Received by	J.7).
Sampled by	A	W

LAB: INFORMA	VTION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 21	40
pH (S.U.)	losto	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	770	0
Conductivity	27.	7 m5
% Solids	(0.)	
Turbidity	Yes	No
Color		
TSS (%)	(0.	. 1
Radiation Screen (as needed)		* .
Lab Signature/Initials	J. >)

RECEIVING INFO	DRMATION -	
Date	03/16-7	250
Receiving ID#	Z03167204	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	3.1)
Sampled by	1 Bb)

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LAB-INFORM	ALION*	
Compatible? (RT#)	1 0	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	40
pH (S.U.)	10.6	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1,0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	71.0	
Conductivity	21.3	ins
% Solids	2.3	
Turbidity	Yes	No
Color		
TSS (%)	10v)
Radiation Screen (as needed)		
Lab Signature/Initials	すど	1

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RECEIVINGINE	ORMATION :	
Date	3-17-2	2
Receiving ID#	I03177	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.	<i>†~</i>)
Sampled by	-1 $\lambda \tilde{c}$	4

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LABINEORMA	ATION	
Compatible? (RT#)	\ \ \ \ \ \	7
PCBs (ppm) (Oily Waste	/	
Only)?		*************
TOC ppm (CC Waste Only)?		and the state of t
Flash Point (F)		
pH (S.U.)	lak	22-
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	ځ.
Conductivity	22	7
% Solids	2,00)
Turbidity	Yes	No
Color		
TS\$ (%)	10.	. "
Radiation Screen (as needed)	la constitución de	
Lab Signature/Initials	びれ	

		A. 1817
RECEIVING INFO	RMATION	
Date	3-16-22	
Receiving ID#	IO316220355T	- 2.
Manifést# Liné]
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		·
Received by	(で)の	
Sampled by	EL	

' '- LAB INFORMA	JION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/1	10
pH (S.U.)	6.5	2-
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	and the second s
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	65. 24.	2
Conductivity	24.	Ins
% Solids	1.57	7
Turbidity	Yes	No
Color		
TSS (%)	20,1	
Radiation Screen (as needed)		
Lab Signature/Initials	J.H.	

			2 A 707 A A KANT 5
RECEIVING INFO	RMATION :		
Date	3-16-22		
Receiving ID#	& ME TO3	1627 C	3 SST-1
Manifest # Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by	J 371		
Sampled by	EAL		

LAB INFORMA	VTION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	Ď
pH (S.U.)	6.3	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02-	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	6-1	, 7
Conductivity	47.	Gas
% Solids	0.2)
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		
Lab Signature/Initials	JA	

RECEIVING INFO		
Date	3-16-2	[Z
Receiving ID#	TOSIEZ	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by		

		vakara establishe
LAB-INFORMA	TION:	
Compatible? (RT#)	Y	Samuel Control
PCBs (ppm) (Oily Waste	/	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	6.5	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	66	.60
Conductivity	20.	2-1-5
% Solids	(0.)	
Turbidity	Yes	No
Color		
TSS (%)	50,	14
Radiation Screen (as needed)		*
Lab Signature/Initials	J.)	d.

RECEIVING INF	19110	P.D.
Receiving ID#	3-16-2	
Manifest # Line	TOBILZ	<u> </u>
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.1)	
Sampled by	EL	

9ST-2

LAB-INEORMA	VTION:	21/11/2016 P
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 31	40
pH (S.U.)	6	19
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2/
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67.	H
Conductivity	67. 20	7,5
% Solids	40	7
Turbidity	Yes	No
Color		
TSS (%)	20.	. 1
Radiation Screen (as needed)		1
Lab Signature/Initials	(ば,ひ)	

55T-1

RECEIVINGINE	
Date	3.16.22
Receiving ID#	I03167202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(Ja)
Sampled by	毛人
	V

LABINFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 21%	10
pH (S.U.)	(0.1	3
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68.	1
Conductivity	40.1003	
% Solids	3,33	
Turbidity	Yes	No
Color		
TSS (%)		
Radiation Screen (as needed)		
Lab Signature/Initials	J.M.	

Date	12-18-72
Receiving ID#	Z03152201
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.7.)
Sampled by	AW

LAB INFORMA	VIION ·	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	A.	<i></i>
Only)?	IV I	†
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 2/	10
pH (S,U.)	6.5	7
Cyanides? (mg/L)	(2	30
Sulfides? (ppm)?	C206	
Specific Gravity	1.0)	
Physical Description	La	
Stream Consistency	Yes No	
Oil in Sample?	Yes	NO
Temperature (F)	62.	3
Conductivity	24.225	
% Solids	2,49	
Turbidity	Yes	No
Color	136cm 0	
TSS (%)	Loit	
Radiation Screen (as needed)	1	(Will !
Lab Signature/Initials)

April 1995		
RECEIVING INFO	Marie Committee of the	
Date	3/15-20 203150	J. J. J.
Receiving ID#	203150	coil
Manifest# Line		l l
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	してい	
Sampled by	BB	

	<u> </u>	
LABINFORMA	MION.	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1 h	M
Only)?	IV	H
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	90,
pH (S.U.)	3,	64
Cyanides? (mg/L)		3 <i>0</i>
Sulfides? (ppm)?	<u> </u>	200
Specific Gravity	1 2	
Physical Description		-C-
Stream Consistency	(Yes)	C-No.
Oil in Sample?	Yes	NO
Temperature (F)	62	
Conductivity	34	.1MS
% Solids	1.4	13
Turbidity	Yes	(Ng
Color	Clear	
TSS (%)	ζ.(5,1
Radiation Screen (as needed)	JV 6	18
Lab Signature/Initials		

RECEIVING INF	ORMATION	
Date	03/15-20	977_
Receiving ID#	2031522	-04
Manifest# Line		<i>I</i>
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	0,73	
Sampled by	BB	

LAB INFORMA	JTION :	
Compatible? (RT#)	0	
PCBs (ppm) (Oily Waste	NI	1
Only)?	1/8 1	4
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	0
pH (S.U.)	6.5	9
Cyanides? (mg/L)	(3	6
Sulfides? (ppm)?	L 200	
Specific Gravity	1.0)	
Physical Description	6	
Stream Consistency	Yes	No
Oil in Sample?	Yes	√N∂
Temperature (F)	68	د (
Conductivity	24,	8m5
% Solids	2-11	2
Turbidity	Yes	No
Color	Benp	
TSS (%)	0	١ (
Radiation Screen (as needed)	N	er.
Lab Signature/Initials	(1.tc	

RECEIVING INF	ORMATION .	
Date	03/15-2000	
Receiving ID#	P031572-05	
Manifest# Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		ن ک
Transporter		
Time in		
Time out	*	بمنبعت
Received by	JH	
Sampled by	66	

		esiairinaunturirumumumum
LAB INFORMA	TION:	
Compatible? (RT#)	7	
PCBs (ppm) (Oily Waste	0×1)
Only)?	1//	
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	0
pH (S.U.)	6,6	>
Cyanides? (mg/L)	<u> </u>	0
Sulfides? (ppm)?	L20	<i>ೌ0</i>
Specific Gravity	10)	
Physical Description	La	
Stream Consistency	Yes	No
Oil in Sample?	Yes	Nd
Temperature (F)	Glo	7
Conductivity	29.	6
% Solids	Hac	7
Turbidity	Yes	' (N))
Color	B	(om
TSS (%)	<u> </u>	(
Radiation Screen (as needed)	N	00
Lab Signature/Initials	TIP	

RECEIVING INF	ORMATION	
Date	3-15	-22_
Receiving ID#	Jos 15 2	22035
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H	*
Sampled by		

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	
pH (S.U.)	6	72
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	61	1.1
Conductivity		2,5
% Solids	40	210
Turbidity	Yes	No
Color	- 11	
TSS (%)	<€	0.10
Radiation Screen (as needed)		87 .
Lab Signature/Initials	(t.T)	aprile.

RECEIVING INFO	1	1
Date	3-15-6	
Receiving ID#	I03152	203
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator	-	
Client		
Transporter		
Time in		
Time out		
Received by	3.1	
Sampled by		3

S5T-1

LABUINEORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		<u> </u>
Flash Point (F)	>14	<u>) </u>
pH (S,U.)	3.8	r e J
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0)	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	64.	6
Conductivity	37.6	3 m 5
% Solids	< <	01.0
Turbidity	Yes	No
Color		
TSS (%)	<0.	10
Radiation Screen (as needed)		
Lab Signature/Initials	J.	<i>t</i>)

RECEIVING INFO	ORMATION
Date	3-15-22
Receiving ID#	103152202 55+
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	:
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. J. J.
Sampled by	B

LAB-INFORMA	JUN :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	4.8	10
pH (S.U.)	4.8	ilo
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	6	Pare 7
Conductivity	37.	
% Solids	12-8	2-
Turbidity	Yes	No
Color		
TSS (%)	<0	1.1
Radiation Screen (as needed)		**
Lab Signature/Initials	J. M.)

Date	03/15-122
Receiving ID#	IOSIS 2902 S.
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	conf. job
Sampled by	Pa

LAB INFORMA	TION .	1.44
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 21	40
pH (S.U.)	7.0)
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0)
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	601)
Conductivity	24.1	>
% Solids	0.7	
Turbidity	Yes	No
Color		
TSS (%)	くわい	
Radiation Screen (as needed)		
Lab Signature/Initials	J.H.	

RECEIVING INFO	DRMATION: 3-15-2	7
Receiving ID#	103157	
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		······································
Client		-
Transporter		
Time in		
Time out		
Received by	J, J	r)
Sampled by		4
		U

LAB: INFORMA	VTIČKI.	7 (85 1 5
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	 	
Only)?		
TOC ppm (CC Waste Only)?	1.	······································
Flash Point (F)	>14	10
pH (S.U.)	177	
Cyanides? (mg/L)	8 - 7	
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67.	1
Conductivity	29	D)
% Solids	2.0	9
Turbidity	Yes	No
Color		
TSS (%)		
Radiation Screen (as needed)		4"
Lab Signature/Initials	Jord	1

RECEIVING INF	ORMATION	
Date	3.14.	22
Receiving ID#	I0314	2206
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		<u> </u>
Time in		
Time out		
Received by	J.T.)
Sampled by	An	/

557-2

		SPONER NEWSTREET
LABUNFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1 1.0	
Only)?	1///	!
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 7/6	10
pH (S.U.)	6.9	(7
Cyanides? (mg/L)	1 2	, ()
Sulfides? (ppm)?	1 42	00
Specific Gravity	1,0	\sim
Physical Description		£
Stream Consistency	Yes	No
Oil in Sample?	Yes	<\No
Temperature (F)	60). S
Conductivity	1 24.	.Zn5
% Solids	1 2.	37
Turbidity	Yes	Ŋо
Color	1 B	(oun
TS\$ (%)	1 4	01
Radiation Screen (as needed)		109 ·
Lab Signature/Initials	(t.E	

RECEIVINGINE	ORMATION	
Date	3.14.	22
Receiving ID#	IO3142	2207
Manifést# Line	man landing to the same and the	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J. ji)	
Sampled by	1 Aw	

LAB INFORMA	TION	
Compatible? (RT#)	10014	
PCBs (ppm) (Oily Waste Only)?	M	4.
TOC ppm (CC Waste Only)?		
Flash Point (F)	211	70
pH (S.U.)	6,	45
Cyanides? (mg/L)	\ \Z	50
Sulfides? (ppm)?	L2	00
Specific Gravity	1.00	<u>) </u>
Physical Description	Lg_	
Stream Consistency	4es	No
Oil in Sample?	Yes	M)
Temperature (F)	62	5
Conductivity	.30.0	DMS
% Solids	2.	18
Turbidity	Yes	No.
Color	131	OWEN
TSS (%)		ON
Radiation Screen (as needed)	1	169
Lab Signature/Initials	えり	

REGEIVING INFO	DRMATION :	
Date	3.14.	22
Receiving ID#	IO314	2206
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	7.17)
Sampled by	Al	V

Annual Control of the	Anna Anna Anna Anna Anna Anna Anna Anna	an terresistent and a handle
LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1	\
Only)?	I WI	1
TOC ppm (CC Waste Only)?		
Flash Point (F)	21.	40
pH (S.U.)	4,	09
Cyanides? (mg/L)	(3	, D
Sulfides? (ppm)?	L200	
Specific Gravity	1.00	
Physical Description	69	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67	?6
Conductivity	34	4m5
% Solids	3,01	
Turbidity	Yes	No
Color	6(0	(ey)
TSS (%)	20	² , (
Radiation Screen (as needed)	Ne)	
Lab Signature/Initials	J. F)

		(18 19 18 18 18 18 18 18 18 18 18 18 18 18 18
RECEIVING INFO	RMATION -	
Date	3.14.	- 22
Receiving ID#	I I G3 14	12205
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		in a series of the series of t
Time out		
Received by	すが)
Sampled by	Ph	J

LABINFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	100	1
Only)?	INT	7
TOC ppm (CC Waste Only)?		4
Flash Point (F)	>11	40
pH (S.U.)	6,6	
Cyanides? (mg/L)	The state of the s	30
Sulfides? (ppm)?	4 266	
Specific Gravity	1.0>	
Physical Description	LG.	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No.
Temperature (F)	67.	3
Conductivity	29.5ms	
% Solids	37	25
Turbidity	Yes	No
Color	Brown	
TS\$ (%)	20.1	
Radiation Screen (as:needed)	(VID)	
Lab Signature/Initials	(4.7	

RECEIVING INFO	ORMATION	
Date	3-14-22	
Receiving ID#	Icany 2203	STIZE
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	1 ナ,カ	
Sampled by	TOW	

LAB-INFORMA	VTION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	NA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	Ö
pH (S.U.)	6.5	2
Cyanides? (mg/L)	L 230	6
Sulfides? (ppm)?	1 626	9
Specific Gravity	1.00	
Physical Description	LG	
Stream Consistency	Yes	No
Oil in Sample?	Yes	(Z)
Temperature (F)	<i>>0.</i>	. (
Conductivity	77.	Ц
% Solids	201	7
Turbidity	Yes	No
Color	Blown	
TSS (%)	Wil	
Radiation Screen (as needed)	NO5	
Lab Signature/Initials	U.H	

0.00	
RECEIVINGINE	ORMATION:
Date	3-14-27
Receiving ID#	TOSIYEZOZ SST
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	:
Time out	
Received by	ME
Sampled by	DM

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1	Λ
Only)?		<u> </u>
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	40
pH (S.U.)	4,3	32
Cyanides? (mg/L)	1 2	36
Sulfides? (ppm)?	L 2	00
Specific Gravity	1.0	<u> </u>
Physical Description	1	6
Stream Consistency	Yes	(No
Oil in Sample?	Yes	₹D\$o
Temperature (F)	20	7.0
Conductivity	37	26~5
% Solids	3	シフ
Turbidity	Yes	(N)
Color	6.6	u()
TSS (%)	< C	9 [
Radiation Screen (as needed)	1	129
Lab Signature/Initials	J.M.	

	STATE OF STATE	
RECEIVING INFO	DRMATION	
Date	3-14-22	
Receiving ID#	IO314226	Z 55T
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	T.79	
Sampled by	M	

LAB INFORMA	ATION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> >14</u>	<u>) </u>
pH (S.U.)	10.8	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	•
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	23.7.	9
Conductivity	23.7.	V~S
% Solids		
Turbidity	Yes	Nò
Color		
TSS (%)	ζο,	7
Radiation Screen (as needed)		
Lab Signature/Initials	[ファ	

	ORMATION:	
Date	3-14-22	
Receiving ID#	I0314226	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		أنجد المسائد المسائد
Time in		en en en en en en en en en en en en en e
Time out		· · · · · · · · · · · · · · · · · · ·
Received by	J.+).	. :
Sampled by	DM	

		naka di aparah kina minakan kinakan minin kinakan kinakan kinakan kinakan kinakan kinakan kinakan kinakan kina
LAB INFORMA	JION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		and the second second
Flash Point (F)	<u> </u>	10
pH (S.U.)	4.41	1
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	671	8
Conductivity	47.	m5
% Solids		
Turbidity	Yes	No
Color		
TS\$ (%)	(O.)	
Radiation Screen (as needed)		
Lab Signature/Initials	J.M	

RECEIVING INFO	DRMATION :	
Date	3-13-2	2
Receiving ID#	IGS13	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	Jerju)	
Sampled by	FL	

LAB-INFORM	VIION'	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1115)
pH (S.U.)	5.9	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	ے
Conductivity	73.4	1
% Solids	5.43	,
Turbidity	Yes	No
Color		
TSS (%)		
Radiation Screen (as needed)		
Lab Signature/Initials	サル・プロ	

4		
RECEIVING INFO	DRMATION :	
Date	3-14-	77
Receiving ID#	I03142	Z67
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client	:	
Transporter		
Time in		
Time out		
Received by	ゴ.ガ	li
Sampled by		·····

			3
LAB INFORMA	YTION'		
Compatible? (RT#)			Ì
PCBs (ppm) (Oily Waste			
Only)?			
TOC ppm (CC Waste Only)?		32.50	
Flash Point (F)	1 > 140		
pH (S.U.)	6.52		
Cyanides? (mg/L)			
Sulfides? (ppm)?			-
Specific Gravity	1,02		
Physical Description			
Stream Consistency	Yes	No	
Oil in Sample?	Yes	No	
Temperature (F)	68.0)	
Conductivity	27.4		
% Solids	in at	- D	76
Turbidity	Yes	Nö	
Color			
TS\$ (%)			
Radiation Screen (as needed)		¢*	
Lab Signature/Initials	(J.77)		

- RECEIVING INFO	ORMATION:	
Date	3.13	22
Receiving ID#	IO3137	2201
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	5 ,7)
Sampled by	AW	1

LAB INFORMA	HUN*	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		\
Only)?	NA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> >1'</u>	10
pH (S.U.)	5.7	°6
Cyanides? (mg/L)	<u> </u>	6
Sulfides? (ppm)?	\$2.06	
Specific Gravity	1.0	
Physical Description	La	
Stream Consistency	¥es `	No
Oil in Sample?	Yes	No
Temperature (F)	66,	7
Conductivity	50 ms	
% Solids	0181	
Turbidity	Yes	ρĶ
Color	Black	
TSS (%)	<0,1	
Radiation Screen (as needed)	Ne	2
Lab Signature/Initials	として)

	in the second	
RECEIVING INF	ORMATION :	
Date	3.13	- 22
Receiving ID#	70313	2201
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J. J. †	A.
Sampled by	An	<i>'</i>

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	000	\
Only)?	111	<u> </u>
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/4	10
pH (S.U.)	Got	3
Cyanides? (mg/L)	(3)	δ
Sulfides? (ppm)?	2206	
Specific Gravity	1,0)	
Physical Description	La	
Stream Consistency	Xes	No
Oil in Sample?	Yes	449
Temperature (F)	67	2,6
Conductivity	14,	SIMS
% Solids	84	2/37
Turbidity	Yes	Νίο
Color	Black	
TSS (%)	201	
Radiation Screen (as needed)	1/02	۱ ،
Lab Signature/Initials	7.5	

RECEIVING/INFO	RMATION	
Date	03/12-7	STOS
Receiving ID#	Z0312	2202
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.	<i>プ</i> 、
Sampled by	06	

551-1

CONTROL OF THE PROPERTY OF THE	vancurumeningen enimment	macamananian properti	
LAB INFORMA	ATION .		
Compatible? (RT#)			
PCBs (ppm) (Oily Waste		À	
Only)?	///	NA	
TOC ppm (CC Waste Only)?	1		
Flash Point (F)	>11	40	
pH (S.U.)	6.5	5	
Cyanides? (mg/L)	12		
Sulfides? (ppm)?	2200		
Specific Gravity	1.0)		
Physical Description	164		
Stream Consistency	Yes No		
Oil in Sample?	Yes	Wo	
Temperature (F)	G G	5 , U	
Conductivity	29	7m5	
% Solids	2,	77	
Turbidity	Yes	ΝÌο	
Color	Brown		
TSS (%)	40	40.1	
Radiation Screen (as needed)	<u> Ne</u>	9	
Lab Signature/Initials	し、プラ	K	

RECEIVING INF		
Date	03/12-20	222
Receiving ID#	Z03122	202
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.17	
Sampled by	08	

55T-Z

2 LABINFORM	Δ Τ ΙΟΝΙ.		
Compatible? (RT#)	1 10		
PCBs (ppm) (Oily Waste Only)?		A	
TOC ppm (CC Waste Only)?			
Flash Point (F)	714	0	
pH (S.U.)	6.7		
Cyanides? (mg/L)	<u>Z</u> 3	0	
Sulfides? (ppm)?	L20	4200	
Specific Gravity		1.5	
Physical Description	La	Ly	
Stream Consistency	Yes	No	
Oil in Sample?	Yes	Nò	
Temperature (F)	6>	. 5	
Conductivity	20,0	20,4ms	
% Solids	2,8	2.82	
Turbidity	Yes	No	
Color	Blown		
TSS (%)	<u></u>		
Radiation Screen (as needed)	Ne	29\	
Lab Signature/Initials	J. 4	_	

RECEIVING INFO	ORMATION /	
Date	03/12-	SIOS
Receiving ID#	203122	202
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		· ·
Received by	して、ガ	
Sampled by	BB	

557-1

LAB-INFORM/	ATION:	
Compatible? (RT#)		and the second second
PCBs (ppm) (Oily Waste	1	
Only)?	1//1	7
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	6
pH (S.U.)	6.2	
Cyanides? (mg/L)	<3	2
Sulfides? (ppm)?	C266	
Specific Gravity	1.01	
Physical Description	Lec	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	66,	
Conductivity	38.1mg	
% Solids	l_{I}) S-
Turbidity	Yes	No.
Color	TUN	
TSS (%)	Lo	. (
Radiation Screen (as needed)	N	9,
Lab Signature/Initials	し、プル	ノ

	- Stanton	
RECEIVINGINE	ORMATION	
Date	03/12-2020	
Receiving ID#	卫03122203	
Manifest # Line		
Land Ban Cert included	Yes No	
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(カ・カー)	
Sampled by	BB	

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LAB INFORMA	JION .	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	h	Λ
Only)?	NV I	17
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	
pH (S.U.)	53	36
Cyanides? (mg/L)	[<30	3
Sulfides? (ppm)?	[260	
Specific Gravity	1.0)	
Physical Description	1 CG	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	62	
Conductivity	52,5mg	
% Solids	2,63	
Turbidity	Yes	N9
Color	Bicum	
TSS (%)	40.1	
Radiation Screen (as needed)	Weg	
Lab Signature/Initials	J.M.	

	Salar Mary	
RECEIVING INF	ORMATION:	
Date	03/12-2	072
Receiving ID#	20312	204
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #	4	
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	7.7	-)
Sampled by	OP)

951-1

	***************************************	-
LAB INFORMA	ATION :	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste		Ϊλ
Only)?	1 10	A)
TOC ppm (CC Waste Only)?		
Flash Point (F)	>19	10
pH (S.U.)	\$,5	5
Cyanides? (mg/L)	人 人3	6
Sulfides? (ppm)?	1 621	06
Specific Gravity	1.01	
Physical Description	La	
Stream Consistency	Yes	No
Oil in Sample?	Yes	(No
Temperature (F)	6 6,	8
Conductivity	49	1.6MS
% Solids	3.1	8
Turbidity	Yes	4No
Color	light yellow	
TSS (%)	1 20	· . l
Radiation Screen (as needed)	Ne	· ()
Lab Signature/Initials	KC	

RECEIVING INF	and the factor of the same of	
Date	03/12-2	OLL
Receiving ID#	203122	204
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	5.7)	
Sampled by	86	

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· Landa in the state of the sta	da mananina da	
LAB INFORMA	KTION :	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste	1	Λ
Only)?	/V I	4
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	40
pH (S.U.)	6:	66
Cyanides? (mg/L)	1 43	30
Sulfides? (ppm)?	(200
Specific Gravity	1.01	
Physical Description	1 26	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	.67	
Conductivity	14.5	50 ms
% Solids	3.0	8
Turbidity	Yes	Ŵо
Color	Brown	
TSS (%)	(21
Radiation Screen (as needed)	<u>We</u>	3
Lab Signature/Initials	7.19	

RECEIVING INF	ORMATION
Date	13/11-2022
Receiving ID#	203112203
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.ガ
Sampled by	1 36

LAB-INFORMA	TION*	
Compatible? (RT#)	I Y	
PCBs (ppm) (Oily Waste	LA	
Only)?	11/19	
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	0
pH (S.U.)	5,4	1
Cyanides? (mg/L)	(30	9
Sulfides? (ppm)?	L 20	0
Specific Gravity	1.02	
Physical Description	La	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67.	8
Conductivity	44.	3MS
% Solids	<i>D</i> a	フ う
Turbidity	Yes	No
Color	Ta	\cap
TS\$ (%)	ZQ,	j
Radiation Screen (as needed)	Ne	00
Lab Signature/Initials	J.17	<u> </u>

7 - 7 - 7	
RECEIVING INF	ORMATION:
Date	3.11.22
Receiving ID#	Z03112204
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	:
Client	
Transporter	
Time in	
Time out	
Received by	(12)
Sampled by	AW

LAB INFORM/	TIDN:	
Compatible? (RT#)	3115215	
PCBs (ppm) (Oily Waste	4/1	· · · · · · · · · · · · · · · · · · ·
Only)?	1 Nr	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 214	Ó
pH (S.U.)	6,7	3
Cyanides? (mg/L)	1 30	5
Sulfides? (ppm)?	2200	<u> </u>
Specific Gravity		
Physical Description	LG	blione a
Stream Consistency	Yes	_ No_
Oil in Sample?	Yes	No
Temperature (F)	G2	6
Conductivity	25.	0M5
% Solids	1, 5	
Turbidity	Yes	N9) _
Color	Bluc	K
TS\$ (%)	(0	,
Radiation Screen (as needed)	1 1/20	20)
Lab Signature/Initials	J.P)

The second secon		
RECEIVINGINE	ORMATION :	
Date	3.11.6	_
Receiving ID#	Z03112	204
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	7.73	
Sampled by	AW	

LAB INFORMA	ATION*	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	100	
Only)?	14 1	1
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 219	Ó
pH (S.U.)	6,2	<u>.5</u>
Cyanides? (mg/L)	L31	2
Sulfides? (ppm)?	1 /2	06
Specific Gravity	1.00	
Physical Description	1 6	7
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68	7
Conductivity	42.	Lans
% Solids	310	8
Turbidity	Yes	(OVA)
Color	1314	CK
TSS (%)	C), [
Radiation Screen (as needed)	I = I	<i>eo</i> \
Lab Signature/Initials	J.M.	

	1444	
RECEIVINGINE	ORMATION	
Date	103/12-20	ブレン
Receiving ID#	20312-70	2201
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	d ,7)	•
Sampled by	66	

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LAB-INFORMA	VTION :	
Compatible? (RT#)	4	
PCBs (ppm) (Oily Waste	1 /	A
Only)?	a V	[-]
TOC ppm (CC Waste Only)?		£
Flash Point (F)		140
pH (S.U.)	6,4	9
Cyanides? (mg/L)	43	0
Sulfides? (ppm)?	1 220	6
Specific Gravity	1.01	
Physical Description	land 6	
Stream Consistency	Yes	~ No
Oil in Sample?	Yes ,	1/10
Temperature (F)	67	1
Conductivity	22	MMS
% Solids	2.6	4
Turbidity	Yes	ØØ0
Color	B101	VI
TSS (%)	<u></u>	1 (
Radiation Screen (as needed)	We	1
Lab Signature/Initials	7.7)

RECEIVING INF	ORMATION -	
Date	63/12-20	でこし
Receiving ID#	E03122	201
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		The Market Co.
Time out		
Received by	(i, D	
Sampled by	1 66	

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THE REPORT OF THE PARTY OF THE	·····	
LAB INFORMA	ATION:	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste	100	
Only)?	1/17	·.
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 21	10
pH (S.U.)	611	<u> </u>
Cyanides? (mg/L)	1 630	>
Sulfides? (ppm)?	1200	
Specific Gravity	[.0]	
Physical Description		PP
Stream Consistency	Yes	No
Oil in Sample?	Yes	(No
Temperature (F)	65,	7
Conductivity	59.	5MS_
% Solids	2.9	(-
Turbidity	Yes	No
Color	13/ac	
TS\$ (%)	10.	1
Radiation Screen (as needed)	1/e	۱ ۱
Lab Signature/Initials	(t.t	d

REGEIVINGINFO	DRMATION -	
Date	103/11-20	
Receiving ID#	Z03112200	
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J. 7.)
Sampled by	36	

LAB INFORMA	άΙΟΝ÷	
Compatible? (RT#)	\ \\ \\ \\ \\	
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/4	0
pH (S.U.)	(5))
Cyanides? (mg/L)	· ·	
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	Nö
Oil in Sample?	Yes	No
Temperature (F)	67.8	
Conductivity	25,0,	ns
% Solids	1.84	
Turbidity	Yes	No
Color		
TSS (%)	(0.)	
Radiation Screen (as needed)		je .
Lab Signature/Initials	サ. 粉	

DECENTIA DI MEC		
RECEIVING INFO		1900 <u>- 1</u>
Receiving ID#	203112	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		12-
Generator		
Client		
Transporter		
Time in		Carrier to the family in the desired
Time out		
Received by	Sitt	
Sampled by	(bb)	

LAB: INFORMA	VIION :	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	> /	40
pH (S.U.)	6	69
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	60	28
Conductivity		76
% Solids	0-6	
Turbidity	Yes	No
Color		
TSS (%)	40.	
Radiation Screen (as needed)		si .
Lab Signature/Initials	4	17.

RECEINING INFO	RMATION	
Date	3-10-2	72
Receiving ID#	103102704	
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.7)	-
Sampled by	B	

LAB-INFORMA	TION	
Compatible? (RT#)	1	
PCBs (ppm) (Oily Waste Only)?	NI	1
TOC ppm (CC Waste Only)?		
Flash Point (F)	719	0
pH (S.U.)	6.51	
Cyanides? (mg/L)	L36	>
Sulfides? (ppm)?	L266	
Specific Gravity	1.07	
Physical Description	L4	
Stream Consistency	Ves	No
Oil in Sample?	Yes	No
Temperature (F)	5.	5 Y
Conductivity	8.31	
% Solids	7.05	-3
Turbidity	Yes	No
Color	Proun	
TSS (%)	20.1	
Radiation Screen (as needed)	NA	٩
Lab Signature/Initials	プガ	

RÉCEIVINGINEC	RMATION	
Date	3.10.	22
Receiving ID#	IOSIO	2203
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(3.7)	
Sampled by	AW	ſ

LABINFORM	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	- 1	- its its annual was the control of
Only)?	I NA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7/9	6
pH (S.U.)	61	4
Cyanides? (mg/L)	1 63	50 <u> </u>
Sulfides? (ppm)?	C266	
Specific Gravity	1.00	
Physical Description	LG	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	63,	
Conductivity	- Contract C	8M5
% Solids	3.1	4
Turbidity	Yes	Ñò
Color	Blow	
TSS (%)	(0	
Radiation Screen (as needed)	No.	<u></u>
Lab Signature/Initials	17.0	ノ

RECEIVING INFORMATION			
Date	3.10.	22	
Receiving ID#	IO3102202		
Manifest # Line			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by	2.17		
Sampled by	AN	1	

LABRINFORMA	VTION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1/1	1
Only)?	/V 1	~
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 フル	10
pH (S.U.)	3.9	0
Cyanides? (mg/L)	23	6
Sulfides? (ppm)?	12	96 <u> </u>
Specific Gravity	1:02	
Physical Description	1-8	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68.	
Conductivity	Hq,	6 MS
% Solids		
Turbidity	Yes	No
Color	Tac	1
TSS (%)	<u> </u>) . (
Radiation Screen (as needed)	1 <u>W</u>	100
Lab Signature/Initials	M.C	

RECEIVING INFO	ORMATION -	
Date	3.10	22
Receiving ID#	IOSIO	2202
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #	į.	and the forest are an arrangement of the state of the sta
Generator	-	
Client		
Transporter		
Time in		
Time out		
Received by	0.7)
Sampled by	AW	1

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LAB INFORMA	ATION:	, jan
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	Ι Δ	
Only)?	1 // 17	
TOC ppm (CC Waste Only)?		
Flash Point (F)		16
pH (S.U.)	6,	65
Cyanides? (mg/L)	130	
Sulfides? (ppm)?	2260	
Specific Gravity	1,00	
Physical Description	(_ C	
Stream Consistency	Yes	<u> </u>
Oil in Sample?	Yes	No
Temperature (F)		(3)
Conductivity	18.	22m)
% Solids	7.65	
Turbidity	Yes	No
Color	Brown	
TSS (%)	40.1	
Radiation Screen (as needed)	Na.	
Lab Signature/Initials		

RECEIVING INF	3-10-2	.2
Receiving ID#	I03102	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		and a summit a section
Time out		
Received by	J.19	
Sampled by	123	

LAB INFORMA	TION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		· · · · · · · · · · · · · · · · · · ·
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	(0.81	
Cyanides? (mg/L)		
Sulfides? (ppm)?		· · · · · · · · · · · · · · · · · · ·
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	600	3
Conductivity	23.0	~5_
% Solids	1.15	
Turbidity	Yes	No
Color		
TSS (%)	(0,1	
Radiation Screen (as needed)	<u> </u>	٠ : د مندستسند
Lab Signature/Initials	J.7)_	

RECEIVINGINFO	RMATION	
Date	3.9	- 22
Receiving ID#	I0309	22.05
Manifest# Line		3 13 1
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		
Received by	5.1	Ĵ
Sampled by	M	and the state of t

LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	AIA	
Only)?	/V/H	
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/40)
pH (S.U.)	6,86	<u> </u>
Cyanides? (mg/L)	(30)
Sulfides? (ppm)?	2.400	>
Specific Gravity	1.02	
Physical Description	L9	
Stream Consistency	Yes	No
Oil in Sample?	Yes	(N)
Temperature (F)	66.0	>
Conductivity	72.4	
% Solids	3,79	
Turbidity	Yes	M
Color	Brown	
TSS (%)	20.	
Radiation Screen (as needed)	Nes	\
Lab Signature/Initials	DP-	<i>,</i>

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RECEIVING INFO	ORMATION -	
Date	3 - 9 -	22
Receiving ID#	10309	2205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		· · · · · · · · · · · · · · · · · · ·
Received by	J. 7	1
Sampled by	Ah	/

LABIINFORM	ATTICANIS.	
Compatible? (RT#)	VIETNAL.	
PCBs (ppm) (Oily Waste Only)?	T NI	7
TOC ppm (CC Waste Only)?		
Flash Point (F)] >/	140
pH (S.U.)	4.1	7
Cyanides? (mg/L)		30
Sulfides? (ppm)?	1 .2	200
Specific Gravity	1.00	
Physical Description		Ci
Stream Consistency	Yes	U No
Oil in Sample?	Yes	119
Temperature (F)	66	1.5
Conductivity	40	1125
% Solids	$\frac{1}{2}$	10
Turbidity	Yes	No
Color	\Box	ear
TSS (%)		011
Radiation Screen (as needed)		Veg .
Lab Signature/Initials	L 05.5°) - /

ARECEIVING INFO	03/09-"	76527
Receiving ID#	20309	
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	1 0	, ,,,,
Sampled by	1 88	***************************************

LAB INFORMA	ATION:	
Compatible? (RT#)	1 4	
PCBs (ppm) (Oily Waste	1	
Only)?		مارستان مساحا ما المارين في المساطات
TOC ppm (CC Waste Only)?		
Flash Point (F)		40
pH (S.U.)	7.0	9
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.00	<u> </u>
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	6	3,6
Conductivity	Z3.	5,05
% Solids	1.22	
Turbidity	Yes	No
Color		
TS\$ (%)	40.	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.H	

		~~ ~ ~ ~ ~
RECEIVING INFO	RMATION	
Date	3.9-2	2.2
Receiving ID#	103092	201
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.T.)
Sampled by	ELL	-

LABRINFORMA	TIONS	100
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		and the second
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	6,0	31
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67	.9
Conductivity	31,5	M5
% Solids	0.73	
Turbidity	Yes	No
Color		
TSS (%)	(0.	
Radiation Screen (as needed)		er.
Lab Signature/Initials	」 、丁介	-

RECEIVING INFO		<u>22</u>
Date Receiving ID#	10308	
Manifest# Line		Van Ger
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.7	9
Sampled by		

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LAB INFORM/	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		······································
TOC ppm (CC Waste Only)?		
Flash Point (F)		40
pH (S.U.)	2.7	2-8
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	>
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	
Conductivity	36.	3,65
% Solids	2.4	
Turbidity	Yes	No
Color		
TS\$ (%)	(0	. 1
Radiation Screen (as needed)		ه منابع
Lab Signature/Initials	丁, 刊	

	Control of	
RECEIVING INFO	PRMATION	
Date	3-8-2	L_
Receiving ID#	103082	206
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		·
Time in		
Time out		
Received by	て、ブ.ガ	
Sampled by	03	

LAB INFORMA	TION		
Compatible? (RT#)			
PCBs (ppm) (Oily Waste Only)?	NF	-	
TOC ppm (CC Waste Only)?			
Flash Point (F)	2/	10	
pH (S.U.)	61)	14	
Cyanides? (mg/L)	1 2	30	
Sulfides? (ppm)?	42	.60	
Specific Gravity	1.02		
Physical Description	/ c		
Stream Consistency	Yes '	No	
Oil in Sample?	Yes	No.	
Temperature (F)	64.	S	
Conductivity	31.0	MS	
% Solids	2,5	; (
Turbidity	Yes	No	
Color	136	MAC	
TSS (%)	40), (
Radiation Screen (as needed)	<u> </u>	Ca	
Lab Signature/Initials	J.13	ノ	

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	-		
			•

Control of the Contro		
RECEIVING INFO		
Date	3.8.	22
Receiving ID#	I0308	2205
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		·
Received by	5,70	
Sampled by	AW	

LAB INFORMA	TION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	//#1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	<u> </u>
pH (S.U.)	6.7	>
Cyanides? (mg/L)	430)
Sulfides? (ppm)?	L201	0
Specific Gravity	1.02	<u> </u>
Physical Description	19	
Stream Consistency	(Yes _	No
Oil in Sample?	Yes	(No)
Temperature (F)	67,	4
Conductivity	1 42.1	MS
% Solids	2,2	<u> </u>
Turbidity	Yes	W _
Color	Brun	10
TSS (%)	40,	j
Radiation Screen (as needed)	NE	?)
Lab Signature/(nitials	Ito	

RECEIVING INF	ORMATION	
Date	3-8-	22
Receiving ID#	40108	2200
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.7)	
Sampled by		

the state of the s		
LAB INFORMA	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	10	Λ
Only)?	1//	F
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	40
pH (S.U.)	6.	73
Cyanides? (mg/L)	42	50
Sulfides? (ppm)?	$ \zeta ^2$	00
Specific Gravity	1.0	2
Physical Description		C
Stream Consistency	Yes	No
Oil in Sample?	Yes	No>
Temperature (F)	67	1.8
Conductivity	30.	4ms
% Solids	67	8-3,08
Turbidity	Yes	No
Color	BY	MAN !
TS\$ (%)	(),
Radiation Screen (as needed)	1/0	20
Lab Signature/Initials		

and the state of the same of t	1. Sept. 1.
	2
Yes	No
	DRMATION 3-8-2 T030821 Yes

LAB-INFORMA	TION:	
Compatible? (RT#)	-	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>/1	10
pH (S.U.)	6.7	7
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	٠ ٩
Physical Description	179 W	₹ 4
Stream Consistency	Yes '	No
Oil in Sample?	Yes	No
Temperature (F)	68.	7
Conductivity	29.0	1 5
% Solids	1.3	5
Turbidity	Yes	No
Color		
TS\$ (%)	40.	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.7.)	

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Anna de la companya			4
RECEIVING INFO	DRMATION -		
Date	3-8-2	2	
Receiving ID#	I03087	202]sst-2
Manifest # Line			
Land Ban Cert included	Yes	No]
EGT Approval #			
Generator			
Client			
Transporter			
Time in			
Time out			
Received by	,5,4)_]
Sampled by			

LAB INFORMA	TION:	
Compatible? (RT#)	ΙV	
PCBs (ppm) (Oily Waste		
Only)?		<u> </u>
TOC ppm (CC Waste Only)?		
Flash Point (F)		
pH (S.U.)	(0.	76
Cyanides? (mg/L)		· · · · · · · · · · · · · · · · · · ·
Sulfides? (ppm)?		
Specific Gravity	1.0	2-
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	64	1.3
Conductivity	31,5	•
% Solids	1-2	3
Turbidity	Yes	No
Color		
TSS (%)	⟨ 0,	Ì
Radiation Screen (as needed)		
Lab Signature/Initials	J.州	

Date	3-8-22	
Receiving ID#	I03082	201 6
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		· · · · · · · · · · · · · · · · · · ·
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.7	-).
Sampled by	AST	

	erande verannen erretten.	######################################
LAB INFORMA	TION :	
Compatible? (RT#)	l X	
PCBs (ppm) (Oily Waste	/	
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	511)
pH (S.U.)	5.10	>
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68.	3
Conductivity	42.5	
% Solids	3-62	}
Turbidity	Yes	No
Color		
TS\$ (%)	201	
Radiation Screen (as needed)		
Lab Signature/Initials	(K.D.	

Date	3-8-2	27_
Receiving ID#	103083	20155
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.77	
Sampled by	1 13	×-

LAB-INFORMA	TION:	
Compatible? (RT#)	TV	71.77.2
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>1	YC)
pH (S.U.)	7.0	19
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	1.0
Conductivity	300	1005
% Solids	1.7"	i .
Turbidity	Yes	No
Color		
TSS (%)	< <i>O</i> √	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.77	

RECEIVINGINF	ORMATION -	
Date	03/07-7	こってこ
Receiving ID#	20307	2203
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		·
Time out		Annie
Received by	0:	Γ)-
Sampled by	<u>I</u> BB	and the second second second second

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LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	100	
Only)?	MA	· · ·
TOC ppm (CC Waste Only)?		
Flash Point (F)	21	10
pH (S.U.)	(0,8	-6
Cyanides? (mg/L)	(2	· 6
Sulfides? (ppm)?	4200	
Specific Gravity	1.02	
Physical Description	Lance	
Stream Consistency	Yes '	— No
Oil in Sample?	Yes	N6
Temperature (F)	700	2
Conductivity	25,	2m5
% Solids		
Turbidity	Yes	No
Color	Blown	
TSS (%)	20.1	
Radiation Screen (as needed)	1/10	
Lab Signature/Initials	(to to	

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RECEIVING INFO	ORMATION:	
Date	03/67-7	
Receiving ID#	I03072	204
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	ノーブが	
Sampled by	BB	

557-2

LAB INFORMA	ATION	
Compatible? (RT#)	V	e de la companya de l
PCBs (ppm) (Oily Waste	ALA	
Only)?	/NE	-
TOC ppm (CC Waste Only)?		والمستران والمستران والمستران والمستران والمستران والمستران والمستران والمستران والمستران والمستران والمستران
Flash Point (F)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0
pH (S.U.)	6,5	3
Cyanides? (mg/L)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	36
Sulfides? (ppm)?	12	00
Specific Gravity	1.02	
Physical Description	Le	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	70	1,3
Conductivity	29,	7m5
% Solids	1 3,0	7
Turbidity	Yes	ØØ.
Color	Blown	
TS\$ (%)	2	0.1
Radiation Screen (as needed)	N	29
Lab Signature/Initials	(1.C	

	a series and the series of	
RECEIVING INFO		
Date	193/07-2	022
Receiving ID#	I 03077	204
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		and the latest and th
Transporter		
Time in		
Time out		
Received by	J.T)
Sampled by	BB	

551-1

LAB INFORMA	ATION:	100
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	INF)
TOC ppm (CC Waste Only)?		
Flash Point (F)	714	0
pH (S.U.)	6.50	
Cyanides? (mg/L)	130	
Sulfides? (ppm)?	1 620	6
Specific Gravity	1.00	
Physical Description	Lq	· · · · · · · · · · · · · · · · · · ·
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69.	9
Conductivity	34,	8m5
% Solids	3,40	3
Turbidity	Yes	No
Color	Whide	
TSS (%)	<u> </u>	, /
Radiation Screen (as needed)	Ne	8
Lab Signature/Initials	l pp	<u></u>

And the second s		
RECEIVING INF	ORMATION:	
Date	03/07-7	250
Receiving ID#	I03077	201
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		·····
Received by	J.	L)
Sampled by	1 88	

	The second second	
LAB INFORMA	VTION	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل
Flash Point (F)	319	
pH (S.U.)	6.7	9
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	ا
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	65	1
Conductivity	29.3	
% Solids	1	56
Turbidity	Yes	No
Color		
TSS (%)	20.	Ì
Radiation Screen (as needed)		e'-
Lab Signature/Initials	J.;	+-)

RECEIVINGINE	ORMATION:	
Date	03/07-7	071
Receiving ID#	T0307	LCOL
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	CO D	
Sampled by	BB	

LAB INFORMA	TION:	
Compatible? (RT#)	IV	
PCBs (ppm) (Oily Waste Only)?	1 /	
TOC ppm (CC Waste Only)?	***************************************	
Flash Point (F)	>140)
pH (S.U.)	6.70	0
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description		in months and
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	61.1	
Conductivity	29.4	mS_
% Solids	2-24	
Turbidity	Yes	No
Color		
TSS (%)	30.	j
Radiation Screen (as needed)		
Lab Signature/Initials	J.H	

RECEIVING INFO	ORMATION	
Date		122
Receiving ID#	I0306	2203
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		- Seminaransini
Time out		
Received by	1 Jut	-)
Sampled by	DU	~

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LAB INFORMA	TION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	001	1
Only)?	/ <i>Y T</i>	+
TOC ppm (CC Waste Only)?		
Flash Point (F)	214	(0)
pH (S.U.)	29	1
Cyanides? (mg/L)	4	30
Sulfides? (ppm)?	C200	
Specific Gravity	1.02	
Physical Description	La	
Stream Consistency	Yes	No
Oil in Sample?	Yes	/No)
Temperature (F)	62	. 7
Conductivity	44,.	5m5
% Solids	2,6	7
Turbidity	Yes	No.
Color	Cleal	
TSS (%)	20	1,1
Radiation Screen (as needed)	W	er .
Lab Signature/Initials	Jil.	

RECEIVING INFO	RMATION	
Date	102/0	6/22
Receiving ID#	IT0306	2102
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		mustania de de la composição de la compo
Generator		
Client		
Transporter		
Time in		
Time out		
Received by]]:	Jac 2)
Sampled by	AL	

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LAB INFORMA	ATION :	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	11/	
Only)?	1//	
TOC ppm (CC Waste Only)?		
Flash Point (F)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5
pH (S.U.)	68	<u>e</u>
Cyanides? (mg/L)	(30	9
Sulfides? (ppm)?	L20	Ó
Specific Gravity	1.02	
Physical Description	Li	
Stream Consistency	Yes	No
Oil in Sample?	Yes	(No
Temperature (F)	68	.3
Conductivity	20,6	n5
% Solids	3,2	_5
Turbidity	Yes	Nø
Color	Blow	(f)
TSS (%)	1 CO.	1
Radiation Screen (as needed)	W C	(9)
Lab Signature/Initials	DP)

RECEIVINGINFO	PRMATION-	
Date	3-5-22) Series
Receiving ID#	I03652	LOXI
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		and the same distribution of the same
Time out		
Received by	Jin)
Sampled by	1 73	

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LAB INFORMA	ATION:	
Compatible? (RT#)	5	Z
PCBs (ppm) (Oily Waste	100	
Only)?	1/17	}
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	['] ()
pH (S.U.)	6.8	1
Cyanides? (mg/L)	<u> </u>	0
Sulfides? (ppm)?	\$4	8
Specific Gravity	1.09	
Physical Description	Lq	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	21	. \
Conductivity	L d.	ims
% Solids	7.4	3
Turbidity	Yes	(No
Color	510	ngs
TSS (%)	∠0	ε (
Radiation Screen (as needed)	No	(0)
Lab Signature/Initials	フ.デ	

RECEIVING INF	ORMATION: 3-6-7	<u>.</u> 2
Receiving ID#	10305	2201
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(v.D)
Sampled by		-

LAB INFORMA	TIONS -	11.00
Compatible? (RT#)	3.0210	
PCBs (ppm) (Oily Waste Only)?	NA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	0
pH (S.U.)	4.34	<u>/</u>
Cyanides? (mg/L)	(36	
Sulfides? (ppm)?	1 220	Ŏ
Specific Gravity	1.0	}
Physical Description	1 Le	~~
Stream Consistency	Yes	No
Oil in Sample?	Yes	(No
Temperature (F)	71.	7
Conductivity	54,3	M5
% Solids	21	28
Turbidity	Yes	NO
Color	Gear	
TS\$ (%)	CON	
Radiation Screen (as needed)	NOS	
Lab Signature/Initials	<u>l</u> pp	r

RECEIVING INFO	DRMATION	
Date	3. Ll.	22
Receiving ID#	I0304	2206
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		· · · · · · · · · · · · · · · · · · ·
Time out		
Received by	J.7)	
Sampled by	AW	

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LAB INFORM	ATION	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	ALA	
Only)?	11/11	
TOC ppm (CC Waste Only)?		
Flash Point (F)	7140	
pH (S.U.)	6.91	
Cyanides? (mg/L)	230	S
Sulfides? (ppm)?	1 220	Ò
Specific Gravity	1.01	
Physical Description	14	
Stream Consistency	Yes	No
Oil in Sample?	Yes	(No)
Temperature (F)] ?l,	5m5
Conductivity	18,3	3MS
% Solids	2.0	3
Turbidity	Yes	N ₉
Color	1 Brow	/ <u>}</u> }
TS\$ (%)	20	
Radiation Screen (as needed)	NC.	<i>9</i>
Lab Signature/Initials	l PE)

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RECEIVINGUNE	ORMATION	Section 1
Date	2-04-	27
Receiving ID#	2-04- 10306	172.05
Manifést# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(17.方)	
Sampled by		

LABPINFORM	ATION*		
Compatible? (RT#)		24, 22, 33, 34, 34, 34, 34, 34, 34, 34, 34, 34	
PCBs (ppm) (Oily Waste Only)?	NA		
TOC ppm (CC Waste Only)?			
Flash Point (F)	714	Õ	
pH (S.U.)	6.87	>	
Cyanides? (mg/L)	(30		
Sulfides? (ppm)?	1 200	<u> </u>	
Specific Gravity	1.07		
Physical Description	La		
Stream Consistency	Yes	— No	
Oil in Sample?	Yes	No	
Temperature (F)	71-5	>	
Conductivity	18.6	18.68MS	
% Solids	3,1	3	
Turbidity	Yes	√Nb	
Color	Blough		
TSS (%)	<u> </u>		
Radiation Screen (as needed)	Neg "		
Lab Signature/Initials	T BE-		

500 CO 100 The State of the Control		
RECEIVING INF		
Date	93/04-7	corr
Receiving ID#	20304	2204
Manifést# Line		\
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.t)
Sampled by	BB	

LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >14	()
pH (S.U.)	6.9%	2
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.0)	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	560	7
Conductivity	19.11	
% Solids	0.35	
Turbidity	Yes	No
Color		
TSS (%)	301	
Radiation Screen (as needed)		
Lab Signature/Initials	び、み、	

	Carry Tile	
RECEIVING INF		
Date	203047	orz
Receiving ID#	203047	2203
Manifest# Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	0.7)	
Sampled by	06	

" LABUINFORM	ATION :	
Compatible? (RT#)	T (/	
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	1 >14	O
pH (S.U.)	4-60	5
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	101	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68.	-8
Conductivity	331	M3
% Solids	2.00	
Turbidity	Yes	No
Color		
TSS (%)	10	3-1
Radiation Screen (as needed)		
Lab Signature/Initials	JH	

RECEIVINGINFO	DRMATION-	
Date	3.4-22	
Receiving ID#	103047203)
Manifest # Line		
Land Ban Cert included	Yes No)
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out	HAMA A A A A A A A A A A A A A A A A A A	
Received by	্রাগ	
Sampled by	LAF	

LAB INFORM	MOITA	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		:
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	D
pH (S.U.)	6.5	57
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.07	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	10
Conductivity	14,0	73,
% Solids	0.13	5
Turbidity	Yes	No
Color		· · · · · · · · · · · · · · · · · · ·
TSS (%)	50)
Radiation Screen (as needed)		42.
Lab Signature/Initials	J.	7)

RECEIVINGINE	ORMATION
Date	3-4-22
Receiving ID#	703042201
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	」 (力)
Sampled by	15/4

I the same and the same is the same and the		
LAB INFORMA	ATION:	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?	<u> </u>	
TOC ppm (CC Waste Only)?		ter enterent
Flash Point (F)	>14	<u>> </u>
pH (S.U.)	7.10)
Cyanides? (mg/L)		da inima a a a a a a a a a a a a a a a a a a
Sulfides? (ppm)?		
Specific Gravity	1.01	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	63.	7
Conductivity	13.0	2-7
% Solids	1.03	
Turbidity	Yes	Nò
Color		
TSS (%)	(0)	
Radiation Screen (as needed)		
Lab Signature/Initials	J. J.	

	TALVELYING & AFF
RECEIVING IN	
	03/03-2022
Receiving ID#	I03032201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. H.
Sampled by	66

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TAL TO THE OPPORT		
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste		
Only)?		-
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.)	3.97	
Cyanides? (mg/L)	<u> </u>	
Sulfides? (ppm)?		
Specific Gravity	1-02-	
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	661	-139
Conductivity	41.10	5
% Solids	3.90	
Turbidity	Yes	No
Color		.,65
TSS (%)	40.1	
Radiation Screen (as needed)		75
Lab Signature/Initials	13.3	***************************************

	NEUELVING & APP
A RECEIVING IN	
Date	03/03-2022
Receiving iD#	303032261
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	86

557-2

SECTION STATE IN FORM		
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1	
Only)?	/	
TOC ppm (CC Waste Only)?		
Flash Point (F)	1/90	
pH (S.U.)	7.50	
Cyanides? (mg/L)		
Sulfides? (ppm)?		
Specific Gravity	1.02_	
Physical Description		
Stream Consistency	Yes	Nó
Oil in Sample?	Yes	No
Temperature (F)	65.6	
Conductivity	20.3	c5
% Solids	1.38	
Turbidity	Yes	No
Color		
TSS (%)	100	
Radiation Screen (as needed)		
Lab Signature/Initials	J.A	

	THULINING OF HE
RECEIVING IN Date	EORGE DA SESSE
	3/3/22
Receiving ID# Manifest # Line	203032202
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	び、ガ.
Sampled by	ST. F.
	JV13

Compatible? (RT#)	
PCBs (ppm) (Oily Waste	
UNIV)?	
TOC ppm (CC Waste Only)?	:
Flash Point (F)	>140
pH (S.U.)	6.82
Cyanides? (mg/L)	2 Commen
Sulfides? (ppm)?	
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.7
Conductivity	21,4 05
% Solids	1,23
Turbidity	Yes No
Color	340
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Code 70

ARECEWING INFO	Marin Assertain promise and the contract of th	
Date	03_03-	-22
Receiving ID#	103032	703
Manifest # Line		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	(1,12)	
Sampled by		

LABINEORMA	TINK!	1.0074 35
Compatible? (RT#)	44(OIA.	
PCBs (ppm) (Oily Waste Only)?	MA	aliania de la compansión de la compansió
TOC ppm (CC Waste Only)?		
Flash Point (F)	7110	
pH (S.U.)	6,80	
Cyanides? (mg/L)	\$30	
Sulfides? (ppm)?	4200	5
Specific Gravity	1,00	
Physical Description	La	
Stream Consistency	Yes	No
Oil in Sample?	Yes	Nò
Temperature (F)	61.5	
Conductivity	18.11	
% Solids	1,5 =	5
Turbidity	Yes	Nò
Color	Brown	^
TS\$ (%)	(0,	
Radiation Screen (as needed)	Nea	
Lab Signature/Initials	していし)

RECEIVING INFO	DRMATION:
Date	7 · 3 · 22
Receiving ID#	IO3 03 22 04
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	Administration of the second o
Time out	
Received by	3.7)
Sampled by	AW

LAB INFORMA	TION:	
Compatible? (RT#)		<u>(1.5) </u>
PCBs (ppm) (Oily Waste		,
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	<u> </u>	140
pH (S.U.)	3.8	4
Cyanides? (mg/L)		
Sulfides? (ppm)?		, ; wasawa
Specific Gravity	1.02	
Physical Description		·
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	69	6
Conductivity	37.4	<u>~</u> S
% Solids	2.0	7
Turbidity	Yes	No
Color		
TS\$ (%)	40.	1
Radiation Screen (as needed)		
Lab Signature/Initials	J.7)

RECEIVINGIN	
Date	3.2.22
Receiving ID#	I03022206
Manifest# Line	7-030-2206
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	Dy./

Compatible? (RT#)	,
PCBs (ppm) (Oily Waste Only)?	Λ. Λ
TOC	// / /
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	6.86
Cyanides? (mg/L)	130
Sulfides? (ppm)?	2200
Specific Gravity	1.02
Physical Description	(
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	645
Conductivity	295m5
% Solids	2.20
Turbidity	Yes No
Color	BOW
TSS (%)	10.1
Radiation Screen (as needed)	Nes
Lab Signature/Initials	(De)
	: 110

	<u> </u>
E RECEIVAGN	EDING DISC.
Date	3.2.22
Receiving iD#	703 02 22 CS
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	1,100
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	A-W
	41.00

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A STATE IN COMM	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	NA
TOC ppm (CC Waste Only)?	101
Flash Point (F)	2/46
.pH (S.U.)	1,90
Cyanides? (mg/L)	230
Sulfides? (ppm)?	2200
Specific Gravity	1,02
Physical Description	Ca
Stream Consistency	As No
Oil in Sample?	Yes No
Temperature (F)	68.3
Conductivity	40205
% Solids	5,19
Turbidity	Yes Mo
Color	GEWY
TSS (%)	20.1
Radiation Screen (as needed)	NZS
Lab Signature/Initials	DD -

	TALVLIVII O AF
RECEIVAGIA	EDROGEDY S
Date	3.2.22
Receiving ID#	I03022208
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	An

STATE OF THE STATE	TORIS SERVICE
Compatible? (RT#)	
PCBs (ppm) (Oily Waste	N/ /\
Only)?	/V/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	2146
pH (S.U.)	201
Cyanides? (mg/L)	130
Sulfides? (ppm)?	1266
Specific Gravity	1.02
Physical Description	1 4
Stream Consistency	Yes No
Oil in Sample?	Yes And
Temperature (F)	68,4
Conductivity) 2,4 m 5
% Solids	2.41
Turbidity	Yes No
Color	Blown
TSS (%)	20.1
Radiation Screen (as needed)	NEG
Lab Signature/Initials	:00/D/

	NEGETATING & APP
Date	
	03/02-2022
Receiving ID#	203022204
Manifest# Line	
Land Ban Cert included	
EGT Approval #	Yes No
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. 1)
Sampled by	7.7

STEEL COMMISSION COMMI		
E STAR NEORM	de la constant	
Compatible? (RT#)	V	AND STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, ST
PCBs (ppm) (Oily Waste	1 /	
Only)?	1	
TOC ppm (CC Waste Only)?		
Flash Point (F)	>14	SI
.pH (S.U.)	5.09	• •
Cyanides? (mg/L)		-
Sulfides? (ppm)?		
Specific Gravity	1.02	,
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	64.1	140
Conductivity	444	
% Solids	4.2	2
Turbidity	Yes	No
Color	1.00	IAO
TSS (%)	(0)	
Radiation Screen (as needed)		
Lab Signature/Initials	J.+1	·

	<u>NEUCIVING & APP</u>
REGENTAGIN Date	
	03/02-2022
Receiving ID#	203022204
Manifest# Line	<i>f</i>
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(+4)
Sampled by	65

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		.
	TON BEEN	
Compatible? (RT#)	X	
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		`
Flash Point (F)	114	10
.pH (S.U.)	7.01	}
Cyanides? (mg/L)		7
Sulfides? (ppm)?		
Specific Gravity	1.00	~
Physical Description	1.02	<u> </u>
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	58,	
Conductivity	2-82	
% Solids	1.53	
Turbidity	Yes	No
Color	1.69	IAÓ
TSS (%)	30	1
Radiation Screen (as needed)		7
Lab Signature/Initials	J.,	-))



	TOTIVITO OF ALL
RESEIVING INFO	
Receiving ID#	203022203
Manifest# Line	1200000
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(J.71)
Sampled by	36

AS IN STATE	ii (Marie II)	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		***************************************
Flash Point (F)	>140	5
.pH (S.U.)	6.73	
Cyanides? (mg/L)	7	
Sulfides? (ppm)?		
Specific Gravity	1.00	
Physical Description	1 1 1	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	67.	
Conductivity	25,9	1,5
% Solids	1.2	
Turbidity	Yes	No
Color		140
TSS (%)	(O)	
Radiation Screen (as needed)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	· ·
Lab Signature/Initials	J.H),	· · · · · · · · · · · · · · · · · · ·
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<u>RECEIVING & API</u>
TORAL TIONS
03/02-2022
工03022203
Yes No
140
J.77
DB

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THE REPORT OF THE PROPERTY OF	
Compatible? (RT#.)	1/
PCBs (ppm) (Oily Waste	/
Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	4.73
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.5
Conductivity	45.2 ms
% Solids	4.17
Turbidity	Yes No
Color	1
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	J.N.

	THEOLIVING & APP
RECEIVING IN	
Receiving ID#	3-2-22
Manifest# Line	<u> </u>
Land Ban Cert included	Yes No
EGT Approval #	163 140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	13
•	

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>/4	$\overline{\mathcal{N}}$
1 5	72.1
	· /
Yes	No
· ·	Nø
23.	4 (
1.7	1
Vee	No
1 1 43	iáñ
(0)	
	·
	Yes Yes Yes 2-3, 1.7 Yes

	TALULIVING & APP
RECEIVING IN	
Receiving ID#	3.2.22
Manifest # Line	Tospagaoi
Land Ban Cert included	Yes No
EGT Approval #	Jes NO
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	75
Sampled by	THE

S S S S S S S S S S S S S S S S S S S	No. New York	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
.pH (S.U.)	6.78	
Cyanides? (mg/L)	- 10	
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	<i>B</i> F C 72	
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68,0	140
Conductivity	24.0	<u>~</u>
% Solids	1.60	
Turbidity	Yes	No
Color		140
TSS (%)	20.7	
Radiation Screen (as needed)		
Lab Signature/Initials	(ゴ・ナ)	- ·
	1	

	TO THING GALL
RECEIVINGUNE Date	9
Receiving ID#	Z03012205
Manifest # Line	20301 6603
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	7
Sampled by	- Jan

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PARTINEOTHE	NOM SE	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>146	1
pH (S.U.)	6.8	
Cyanides? (mg/L)	2.0	<u> </u>
Sulfides? (ppm)?		
Specific Gravity	1.0	>
Physical Description		
Stream Consistency	Yes	Nó
Oil in Sample?	Yes	Nø
Temperature (F)	68:	7
Conductivity	32.2	2_
% Solids	1.6	
Turbidity	Yes	No
Color	1	180
TSS (%)	1	>_)
Radiation Screen (as needed)		· / .
Lab Signature/Initials	J.41	

	THE GLIVING GAPP	NUV
RECENTIGING		
Date	列級到9)	
Receiving ID#	IO3012204	SS7-1
Manifest# Line	203016604	251-1
Land Ban Cert included	Yes No	
EGT Approval #	100	
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	17W	

C		
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	2.0	· · · · · · · · · · · · · · · · · · ·
Uniy)?	NH	
TOC ppm (CC Waste Only)?		
Flash Point (F)	-5111	X
pH (S.U.)	(17	(/
Cyanides? (mg/L)	10/0/	<u> </u>
Sulfides? (ppm)?	431	<u>/</u>
Specific Gravity	320	00
	1.00	
Physical Description	1_ c	
Stream Consistency	Ves	No
Oil in Sample?	Yes	No
Temperature (F)	1.5	<
Conductivity	56.1	<u>m5</u>
% Solids	2,2	1
Turbidity	Yes	No.
Color	73	
TSS (%)		
Radiation Screen (as needed)	liv.	1 1
Lab Signature/Initials		
	1 1	1

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	COLIVINO OF WLL
RESENACIONES	
Date	
Receiving ID#	3. 1. 22
Manifest # Line	I03012204
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	AW
· · · · · · · · · · · · · · · · · · ·	

Compatible? (RT#)	
Only)?	NA
TOC ppm (CC Waste Only)?	
Flash Point (F)	>146
pH (S.U.)	6.23
Cyanides? (mg/L)	130
Sulfides? (ppm)?	2200
Specific Gravity	1,01
Physical Description	1 0
Stream Consistency	Wes No
Oil in Sample?	Yes No
Temperature (F)	66,4
Conductivity	33.1ns
% Solids	3,43
Turbidity	Yes No
Color	Brown
TSS (%)	ZO.
Radiation Screen (as needed)	Nea
Lab Signature/Initials	PD

	THO OF AL
Bate	31.03/01 - ZJUZ
Receiving ID#	
Manifest# Line	£03012203
Land Ban Cert included	Yes No
EGT Approval #	Yes No
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	BB
	7 3/1/

2 SAB INFORME	
Compatible? (RT#)	Y
PCBs (ppm) (Oily Waste	1/1
Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7140
.pH (S.U.)	5,89
Cyanides? (mg/L)	630
Sulfides? (ppm)?	L108
Specific Gravity	1,00
Physical Description	10
Stream Consistency	Yes No
Oil in Sample?	Yes (No
Temperature (F)	1, 4 4
Conductivity	563m5
% Solids	2 20
Turbidity	Yes No
Color	Gleen
TSS (%)	0.1
Radiation Screen (as needed)	Nea
Lab Signature/Initials	$-\frac{1}{\Omega D}$
	1 0 1

	(C) 7 (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)
RESEVACINE	
Date	03/01-2022
Receiving ID#	Z03012Z03
Manifest # Line	TAU JUICCU
Land Ban Cert included	Yes No
EGT Approval #	1905 140
Generator	
Client	
Transporter	-
Time in	
Time out	
Received by	
Sampled by	BR

E SE ESTATE INFORME	TOTAL	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	1.0	····
LONIY)?	MF	\
TOC ppm (CC Waste Only)?	Pí.V.	
Flash Point (F)	2/4	0
pH (S.U.)	(2,5)	74
Cyanides? (mg/L)	12	6
Sulfides? (ppm)?	12	60
Specific Gravity	7.0	57
Physical Description	Ĺ	Ca
Stream Consistency	Ves	No
Oil in Sample?	Yes	Ne
Temperature (F)	70000	10
Conductivity	2)	5005
% Solids	5,	14
Turbidity	Yes	(Nb
Color	The second secon	2 WAB
TSS (%)	1	0.1
Radiation Screen (as needed)	À	(60)
Lab Signature/Initials	10	0
	!	<u>V</u>

	TILULIVING & APP
RECEIVINGIN	EQUIPMENTON SERVICE
Date	03/01-2022
Receiving ID#	203012201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	UVI COS
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	66

E E E E E E E E E E E E E E E E E E E		
Compatible? (RT#)		
PCBs (ppm) (Oily Waste Only)?	TNA	
TOC ppm (CC Waste Only)?		
Hash Point (F)	7140	
pH (S.U.)	Z 2)	
Cyanides? (mg/L)	Z30	
Sulfides? (ppm)?	2200	
Specific Gravity	1.00	
Physical Description	1.00	
Stream Consistency	Yes -	Nó
Oil in Sample?	Yes	(No
Temperature (F)	71.9	339
Conductivity	31.0 MS	
% Solids	1.27	
Turbidity	Yes	No
Color	Tan	130
TSS (%)	20.1	
Radiation Screen (as needed)	Nea	
Lab Signature/Initials	Por	

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	RECEIVING & APP	ROVAL FORM
RECEIVINGIN		:
Date		
Receiving iD#	203017201	
Manifest # Line		55 T- Z
Land Ban Cert included	Yes No	·
EGT Approval #	165 140	
Generator		
Client		•
Transporter		
Time in		
Time out		
Received by		
Sampled by	38	•
1		

	Established Application		
<u>. C</u>	ompatible? (RT#)	1	0.365
	CBs (ppm) (Oily Waste nly)?	TALA	
		<u> </u>	
-	OC ppm (CC Waste Only)?		
	ash Point (F)	7110	
	Ⅎ (S.U.)	6,79	
C	/anides? (mg/L)	230	
S	ulfides? (ppm)?	4700	
S	pecific Gravity	1.01	
P	lysical Description	10	
S	ream Consistency	Xes -	No
0	I in Sample?		No
	emperature (F)	72.5	>
	onductivity	31.20	1
	Solids	2,25	
	Irbidity	Yes	No
1	olor	Blown	
13	3S (%)	20.1	
R	adiation Screen (as needed)	Nea	
LL	ib Signature/Initials	PO	
		,	

	THULIVING & APP
RECEIVAGIN	
Date	03/01-2022
Receiving ID#	203012202
Manifest # Line	The state of the s
Land Ban Cert included	Yes No
EGT Approval #	1,03 140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	BB

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		are constitution	
2	E SE SE LAB INFORME		
بدلات	Compatible? (RT#.)	V	200.00
	PCBs (ppm) (Oily Waste	/ ^ ^	
	Only)?	//A	
	TOC ppm (CC Waste Only)?		
	Flash Point (F)	71	40
1	pH (S.U.)	4,4	2
	Cyanides? (mg/L)	/3	6
	Sulfides? (ppm)?	22	On
	Specific Gravity	[2/	0
	Physical Description	10	
	Stream Consistency	Yes 1	No
	Oil in Sample?	Yes	No
	Temperature (F)	7/	6
***************************************	Conductivity	48	803
	% Solids	3,	723
	Turbidity	Yes	No
-	Color	0 .	-6 leen
1	TSS (%)	-55	0.1
	Radiation Screen (as needed)	10	ee
Ī	Lab Signature/Initials	D	p -
			<u> </u>

RECEIVINGING	
Date	03/01-2022
Receiving ID#	203012202
Manifest # Line	Good Control of Control of Control
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	·
Time in	
Time out	
Received by	
Sampled by	BB

		·
THE PASSING OF THE	TOURS.	
Compatible? (RT#)	V	
PCBs (ppm) (Oily Waste	/a A	
L Only)?	LYA	
TOC ppm (CC Waste Only)?		
Flash Point (F)	2/4/	()
pH (S.U.)	6,74	
Cyanides? (mg/L)	230	5
Sulfides? (ppm)?	1 20	6
Specific Gravity	1,01	
Physical Description	Le	
Stream Consistency	Yes	No
Oil in Sample?	Yes	₹N∂
Temperature (F)	72.	7
Conductivity	32.	Sas
% Solids	1.7	ĺ
Turbidity	Yes	No
Color		WA
TSS (%)	20	· [·
Radiation Screen (as needed)	NO	9
Lab Signature/Initials	D/B	-
· · · · · · · · · · · · · · · · · · ·	:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

F039 Analysis



15-Apr-2022

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

Re: F039 Leachate analysis 04.01.2022

Work Order: 22040132

Dear Rick,

ALS Environmental received 1 sample on 01-Apr-2022 10:30 PM for the analyses presented in the following report.

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

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

The total number of pages in this report is 46.

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

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

Sincerely.

Electronically approved by: Les Arnold

Los arula

Les Arnold General Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

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



Date: 15-Apr-22

Client:

Republic Industrial and Energy Solutions, LLC

Project:

F039 Leachate analysis 04.01.2022

Work Order:

22040132

Work Order Sample Summary

Lab Samp ID Client Sample ID

Matrix

Tag Number

Collection Date Date Received

<u>Hold</u>

Date: 15-Apr-22

ALS Group, USA

Client:

Republic Industrial and Energy Solutions, LLC

Project:

F039 Leachate analysis 04.01.2022

Work Order:

22040132

Case Narrative

Subcontracted analytical data has been appended to this report in its entirety.

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

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

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

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

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

Date: 15-Apr-2022

Client:

Republic Industrial and Energy Solutions, LLC

Project:

Note:

F039 Leachate analysis 04.01.2022 March 2022 F039 Leachate analysis

Sample ID:

Collection Date: 4/1/2022

Work Order: 22040132

Lab ID: 22040132-01

Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PESTICIDES			SW8081E	3	Prep: SW3511 4/6/22 16:41	Analyst: SJB
Aldrin	ND		0.30	μg/L	1	4/7/2022 04:24 PM
Surr: Decachlorobiphenyl	82.0		30-162	%REC	1	4/7/2022 04:24 PM
Surr: Tetrachloro-m-xylene	80.4		54-141	%REC	1	4/7/2022 04:24 PM
SEMI-VOLATILE ORGANIC COMPOUND	S		SW846 8	270D	Prep: SW3510 4/8/22 16:31	Analyst: EEW
N-Nitrosodimethylamine	ND		100	μg/L	1	4/11/2022 08:19 PM
Surr: 2,4,6-Tribromophenol	0.320	s	27-83	%REC	1	4/11/2022 08:19 PM
Surr: 2-Fluorobiphenyl	50.5		26-79	%REC	1	4/11/2022 08:19 PM
Surr: 2-Fluorophenol	7.50	S	13-56	%REC	1	4/11/2022 08:19 PM
Surr: 4-Terphenyl-d14	71.8		43-106	%REC	1	4/11/2022 08:19 PM
Surr: Nitrobenzene-d5	25.5	s	29-80	%REC	1	4/11/2022 08:19 PM
Surr: Phenol-d6	0	S	10-35	%REC	1	4/11/2022 08:19 PM
SUBCONTRACTED ANALYSES			SUBCON	TRACT		Analyst: ALS
Subcontracted Analyses	See attached			as note	ed 1	4/5/2022

Date: 15-Apr-22

Client:

Republic Industrial and Energy Solutions, LLC

Project:

F039 Leachate analysis 04.01.2022

WorkOrder:

22040132

QUALIFIERS,

ACRONYMS, UNITS

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

Client:

Republic Industrial and Energy Solutions, LLC

Work Order:

22040132

Project:

F039 Leachate analysis 04.01.2022

QC BATCH REPORT

Date: 15-Apr-22

Batch ID: 194246	Instrument ID GC12		Metho	d: SW808	1B						
MBLK Samp	ole ID: PBLKW1-194246-19	94246			ι	Jnits: µg/L		Analysis	Date: 4/7/	2022 01:0	14 PM
Client ID:	Run	ID: GC12 _	220407A		Se	qNo: 830 8	3715	Prep Date: 4/6/2	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aldrin	ND	0.010									
Surr: Decachlorobiphenyl	0.2075	0	0.208		0	99.8	30-162	0			
Surr: Tetrachloro-m-xylen	e 0.1755	0	0.208		0	84.4	54-141	0			
LCS Samp	ole ID: PLCSW1-194246-19	14246			ι	Jnits: µg/L		Analysis	Date: 4/7/	2022 01:4	1 PM
Client ID;	Run	ID: GC12 _	220407A		Se	qNo: 830 8	3717	Prep Date: 4/6/2	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	·	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aldrin	0.1652	0.010	0.167		0	98.9	46-167	0			
Surr: Decachlorobiphenyl	0.153	0	0.208		0	73.6	30-162	0			
Surr: Tetrachloro-m-xylen	e 0.2073	0	0.208		0	99.7	54-141	0			
LCSD Samp	le ID: PLCSDW1-194246-	194246			L	Jnits: µg/L	A HATTAGE	Analysis	Date: 4/7/	2022 02:0	8 PM
Client ID:	Run	D: GC12_	220407A		Se	qNo: 830 8	3718	Prep Date: 4/6/2	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aldrin	0.1747	0.010	0.167		0	105	46-167	0.1652	5.59	20	
Surr: Decachlorobiphenyl	0.1605	0	0.208		0	77.2	30-162	0.153	4.78	21	
Surr: Tetrachloro-m-xylen	e 0.22	0	0.208		0	106	54-141	0.2073	5.93	20	
The following samples we	re analyzed in this batch:	22	2040132-01	4						_	_

Client:

Republic Industrial and Energy Solutions, LLC

Work Order:

22040132

Project:

F039 Leachate analysis 04.01.2022

110,000. 1	OSS Ecachate anal	7515 0 7.01.2										
Batch ID: 194374	Instrument ID S	SVMS9		Metho	od: SW84 0	6 82	70D					
MBLK	Sample ID: SBLKW1	-194374-194	374			- 1	Units: μg/L		Analys	is Date: 4/1	1/2022 12	28 PN
Client ID:		Run ID	: SVMS9	_220411A		Se	eqNo: 831	7568	Prep Date: 4/8	/2022	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
N-Nitrosodimethylamin	e	ND	5.0									
Surr: 2,4,6-Tribromo	phenol	11.86	0	50	•	0	23.7	27-83	()		s
Surr: 2-Fluorobiphen	nyl	36.1	0	50		0	72.2	26-79	(כ		
Surr: 2-Fluoropheno	i	12.35	0	50		0	24.7	13-56	()		
Surr: 4-Terphenyl-d1	14	43.49	0	50		0	87	43-106	()		
Surr: Nitrobenzene-d	15	38.5	0	50		0	77	29-80	()		
Surr: Phenol-d6		6.31	0	50		0	12.6	10-35	()		
LCS S	Sample ID: SLCSW1	-194374-194	374			- 1	Jnits: µg/L		Analysi	s Date: 4/1	1/2022 12:	52 PI
Client ID:				220411A			eqNo: 831 7		Prep Date: 4/8		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
N-Nitrosodimethylamin	е	10.36	5.0	20		0	51.8	14-65	()		
Surr: 2,4,6-Tribromo	phenol	45.09	0	50		0	90.2	27-83	()		S
Surr: 2-Fluorobiphen	ıyl	35.86	0	50		0	71.7	26-79	()		
Surr: 2-Fluorophenol	1	25.11	0	50	:	0	50.2	13-56	()		
Surr: 4-Terphenyl-d1	4	41.83	0	50		0	83.7	43-106	()		
Surr: Nitrobenzene-d	15	39.29	0	50		0	78.6	29-80	0)		
Surr: Phenol-d6		15.87	0_	50		0	31.7	10-35	()	UTTA PARAMETER A TOTAL	
MS S	Sample ID: 22040104	-09A MS		· · · · · · ·		Į	Jnits: µg/L	·	Analysi	s Date: 4/1	1/2022 02:	26 PN
Client ID:		Run ID	: SVMS9	_220411A			qNo: 831 7		Prep Date: 4/8		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
N-Nitrosodimethylamine	9	9.391	5.3	21.39		0	43.9	14-65	C		·	
Surr: 2,4,6-Tribromo		20.43	0.0	53.48		0	38.2	27-83				
Surr: 2-Fluorobiphen		42.86	0	53.48		0	80.1	26-79	C			s
Surr: 2-Fluorophenol	/	2.877	0	53.48	:	0	5.38	13-56				S
Surr: 4-Terphenyl-d1		43	0	53.48	:	0	80.4	43-106	C			0
Surr: Nitrobenzene-d		40.84	0	53.48		0	76.4	29-80	0			
0 0	-		J	00.70		J	70.7	23-00	·	•		

53.48

0

2.5

10-35

0

Surr: Phenol-d6

1.337

S

QC BATCH REPORT

Client:

Republic Industrial and Energy Solutions, LLC

Work Order:

22040132

Project:

F039 Leachate analysis 04.01.2022

Batch ID: 194374 Instrument II	SVMS9		Method	d: SW846	82	70D			· · · · · · · · · · · · · · · · · · ·		
MSD Sample ID: 22040	104-09A MSD					Jnits: µg/l		Analysis	Date: 4/11	/2022 02:	49 PM
Client ID:	Run II	D: SVMS9	_220411A		Se	qNo: 831	7571	Prep Date: 4/8/2	2022	DF: 1	
Analyte	Result	PQL.	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
N-Nitrosodimethylamine	10.71	5.3	21.03		0	51	14-65	9.391	13.2	30	
Surr: 2,4,6-Tribromophenol	51.08	0	52.57		0	97.2	27-83	20.43	85.7	40	SR
Surr: 2-Fluorobiphenyl	37.4	0	52.57		0	71.1	26-79	42.86	13.6	40	
Surr: 2-Fluorophenol	26	0	52.57		0	49.5	13-56	2.877	160	40	R
Surr: 4-Terphenyl-d14	45.82	0	52.57		0	87.2	43-106	43	6.35	40	
Surr: Nitrobenzene-d5	42.35	0	52.57	,	0	80.6	29-80	40.84	3.64	40	S
Surr: Phenol-d6	16.57	0	52.57		0	31.5	10-35	1.337	170	40	R

The following samples were analyzed in this batch:

22040132-01A

QC BATCH REPORT



Chain of Custody Form

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- Frethalfield Manager Senter a steamhaid bear adding Project F039 Leachale analysis 04 01 2022

L						ALG FIUJE	ALS Project manager:	e de Gale									ters.
	Custo	Customer Information		Proje	Project Information	ion			Par	mete	r/Met	od Re	guest 1	Parameter/Method Request for Analysis	No.		
	Purchase Order		Project Name		RIES04012022 F039 Leachate	039 Leachate		A Aldrin	1						200		
	Work Order		Project Number	umper				T	Hexachlorodibenzo-p-dioxins	-ozuaq	p-dioxi	S					
	Company Name	Republic Industrial and Energy	Bill To Company		Republic Industrial and Energy	rial and Energ	<u></u>	Т	Nitrosodimethlyamine	hlvami	ne.	!					
	Send Report To	Rick Sauve	Invoice Attn.	<u> </u>				D 1,2	1,2,3,4,6,7,8,9-Octachlor-dibenzofuran	9-Octa	hlor-d	benzofu	ran				
	Address	28470 Cintrin Dr.	4	Address 28	28470 Cintrin Dr.			E 1,2	1,2,3,4,6,7,8,9-Octachloro-dibenzo-p-dioxin	9-Octa	:hloro-	dibenzo-	p-dioxin	_			
			7	S S S S S S S S S S S S S S S S S S S				F Tet	Tetrachlorodibenzo-p-dioxins	penzo-	p-diox	us	•				
	City/State/Zip	Romulus, MI 48174	City/State/Zip		Romulus, MI 48174	174											
	Phone	734-784-2708	540					I									
	Fax			Fax				: -									
	e-Mail Address	e-Mail Address RSauve@renublicservices.com						-									
Š		Sample Description	Date	Time	Matrix	Pres. Key	# Bottles	, A	о В		Ш	L	Ø	I	_	_	H
-	March 2022 F03	March 2022 F039 Leachate analysis	4/1/2022			NUMBERS	2	×			-	_		:	•	•	
									+	-	-	+	_				
_									-	1	-	_					
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Sam	Sampler(s): Please Print & Sign	rint & Sign	Shipment	nt Method:		Turnaround Time: (Business Days)	e: (Business	s Days)			her		Re	Results Due Date:	ue Date		Cherrino Corcussione
Rick	Rick Sauve	Male Sawe	***************************************			10 80		380	☐ 2 BD	J	□ 1 BD	BD					
<u>E</u>	Relinquished by:	Date:		Received by		Walley and the same of the sam	Date:	Time:	Notes:				1				-
<u>중</u>	Rick Sauve	4/1/2022	Sm	S S S S S S S S S S S S S S S S S S S	1	7 44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	1/1/22	53.8 7	Rocid	5	4 2		es 22	2	X	~7	
E D	Kelingulsbed-by:	Date:		Received by (Laboratory			Date: Time: ALS Cooler	Time:	ALS Coole		_	C Pack	age: (C	QC Package: (Check Box Below)	ox Belo	(<u>M</u>	
र्	C C C	001122-1-6		1		5	ングニル	16	Ω		Тетр	✓ Level II: Standard QC	: Standar	300	Level III: Raw Data	Raw Da	ata
ž Ž	ed by (Laboratory):			Checked by (Laboratory):	sboratory):				183		3.5.5	TRRP LRC	Ş		TRRP Level IV	el IV	ACCUSATION OF THE PERSON.
····		DFS 42/2	W2/22 0945									Level I	': SW846	Level IV: SW846 Methods/CLP like	LP like		
										4] Other:					
e l	Preservative Key:	1-HCI 2-HNO ₃ 3-H ₂ SO ₄	O ₄ 4-NaOH		5-Na ₂ S ₂ O ₃ 6-N	6-NaHSO₄	7-Other	8-4°C		Note:	Any ch	anges m	ust be n	Note: Any changes must be made in writing once	writing	once	
KeV	Revision 2 - Effective 11/9/2016	11/9/2016		Ŭ	Copyright 2016 by ALS Environmental	6 by ALS En	rironmental			sample	s and (COCE	rm have	samples and COC Form have been submitted to ALS.	lbmitte	d to AL	νį.

Copyright 2016 by ALS Environmental

Hazardous Substances Limitations and Reporting

RCRA CODE(S)	<u>NAME</u>	LIMIT (mg/ml)	MINIMUM ⁵ MONITORING FREQUENCY	MINIMUM REPORTING FREQUENCY
F039, P004	Aldrin	200	monthly/per load	monthly
U021	Benzidine	200	monthly/per load	monthly
P016,K017	sym-Dichloromethyl ether	160	monthly/per load	monthly
F020,F021, F022,F026, F027,F028, F032,F039, F032,K043, K099	Hexachlorodibenzo-p-dioxins	6	monthly/per load	monthly
K174,K178	Hexachlorodibenzo-p-dioxins, all	6	monthly/per load	monthly
F039,P082	Nitrosodimethylamine	200	monthly/per load	monthly
F039,K174, K178	1,2,3,4,6,7,8,9- Octachloro- dibenzofuran	6	monthly/per load	monthly
F039,K174, K178	1,2,3,4,6,7,8,9- Octachloro- dibenzo-p-dioxin	6	monthly/per load	monthly
F020,F021, F022,F026, F027,F028, F032,F039, F032,K043	Tetrachlorodibenzo-p-dioxins (TCDD)	30	monthly/per load	monthly
K174,K178	Tetrachlorodibenzo-p-dioxins (TCDD)	30	monthly/per load	monthly
P110	Tetraethyl lead	100	monthly/per load	monthly

³The monthly chemical analyses for the specific chemicals and waste codes required by this table apply to post-treatment "source" material for injection. A "per load" fingerprint analysis is required for each incoming waste shipment received and for each batch of post-treatment source material as specified in Part III(E) to confirm the general characteristics of the materials. The fingerprint analysis of the general characteristics of the source is not specific to these individual waste codes.

Sample Receipt Checklist

Client Name. KEPt	JUCINDUS I RIAL - RUMULU		Date/Time Rec	eived: <u>0</u>	1-Apr-22 22	<u>:30</u>
Work Order: 22040	0132		Received by:	<u>0</u>	os.	
Checklist completed b	Diane Shaw	02-Apr-22	Reviewed by:	Ol		
Matrices: Liqu Carrier name: Cou	<u>uid</u>	Date	е	Signature		Date
Shipping container/co	oler in good condition?	Yes 🗹	No 🗌	Not Present	t 🗆	
Custody seals intact o	n shipping container/cooler?	Yes 🗌	No 🗀	Not Present	t 🔽	
Custody seals intact o	n sample bottles?	Yes	No 🗌	Not Present	t 🗸	
Chain of custody pres	ent?	Yes 🗹	No 🗌			
Chain of custody signe	ed when relinquished and received?	Yes 🗹	No 🗌			
Chain of custody agree	es with sample labels?	Yes 🗹	No 🗌			
Samples in proper cor	ntainer/bottle?	Yes 🗹	No 🗌			
Sample containers into	act?	Yes 🔽	No 🗌			
Sufficient sample volu	me for indicated test?	Yes 🗹	No 🗆			
All samples received v	vithin holding time?	Yes 🗹	No 🗌			
Container/Temp Blank	temperature in compliance?	Yes 🗹	No 🗌			
Sample(s) received on		Yes 🗸	No 🗌			
Temperature(s)/Therm Cooler(s)/Kit(s):	ometer(s):	3.5/4.5 c		IR3		
Date/Time sample(s) s	sent to storage:	4/2/2022 9:	11·27 AB4			
Water - VOA vials have	-	Yes		VOA vials su	ıbmitted 🗹	
Water - pH acceptable	upon receipt?	Yes 🗌	No □ N/A	· 🔽		
pH adjusted? pH adjusted by:		Yes 🗌	No □ N/A			
Login Notes:						
					====	
o:						
Client Contacted:	Date Contacte	d:	Person Cont	tacted:		•
Contacted By:	Regarding:					
Comments:						
CorrectiveAction:						
						SRC Page 1 of 1
					_	



Service Request No:E2200281

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

Laboratory Results for: 22040132

Dear Les,

Enclosed are the results of the sample(s) submitted to our laboratory April 05, 2022 For your reference, these analyses have been assigned our service request number **E2200281**.

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

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Corey Grandits Project Manager



Certificate of Analysis

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

ALS Environmental

Client:

ALS Holland

Project:

22040132

Sample Matrix:

Service Request No.: **Date Received:**

E2200281 04/05/22

CASE NARRATIVE

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

Sample Receipt

One sample was received for analysis at ALS Environmental in Houston on 04/05/22.

The sample was received in good condition and is consistent with the accompanying chain of custody form. The sample was stored in a refrigerator at 4°C upon receipt at the laboratory.

Data Validation Notes and Discussion

Precision and Accuracy:

EQ2200137: Laboratory Control Spike/Duplicate Laboratory Control Spike (LCS/DLCS) samples were analyzed and reported in lieu of a MS/MSD for this extraction batch. The LCS and DLCS recoveries are within QC limits.

Method Blanks

The Method Blank EQ2200737-01 contained low levels of target compounds below the Method Reporting Limit (MRL). The associated compounds in the samples are flagged with 'B' flags where the sample result is less than ten times the level detected in the method blank.

K flags

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

2378-TCDF

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

Detection Limits

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

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

- ➤ WHO-2005 TEFs, The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds (M. Van den Berg et al., Toxicological Sciences 93(2):223-241, 2006)
- ➤ 2378-TCDF from the DB-225 column, when confirmation required

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

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

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Service Request: E2200281

SAMPLE CROSS-REFERENCE

SAMPLE#

CLIENT SAMPLE ID

E2200281-001

March 2022 F039 Leachate

<u>DATE</u>

TIME

4/1/2022

0000

Service Request Summary

1000 mi-Glass Bottle NM AMBER Teflon Liner Unpreserved

EHRMS-WIC 3C

Pressure Gas: Location:

Project Chemist: Corey Grandits Originating Lab:

ALS Environmental - Holland (MI) 22040132 Project Name:

E2200281

Client Name:

Folder #:

Les Arnold

Project Number:

ALS - Holland Report To:

3352 128th Avenue

Holland, MI 49424 USA

616-738-7307 Phone Number:

616-836-2964 616-399-6185 Cell Number: Fax Number:

es.arnold@alsglobal.com E-mail:

CGRANDITS HOUSTON 04/05/22 Logged By: Date Received:

4/15/2022 LAB QAP QAP: Internal Due Date:

HRMS Qualifier Set Qualifier Set:

Lab Standard Formset:

Report to MDL?: Merged?:

22040132 P.O. Number:

No EDD Specified

EDD:

HOUST ON

Dioxins Furans/1613B 04/01/22 0000 Collected Aqueous Leachate Matrix March 2022 F039 Leachate Client Samp No Lab Samp No. E2200281-001

6 of 34

Service Request Summary

ALS Environmental - Holland (MI) Client Name:

E2200281

Folder #:

22040132 Project Name:

Project Number:

Les Arnoid Report To:

ALS - Holland

3352 128th Avenue

Holland, MI 49424 NSA

616-738-7307 Phone Number:

616-836-2964 616-399-6185 Fax Number:

Cell Number:

es.arnold@alsglobal.com E-mail:

Project Chemist: Corey Grandits HOUSTON Originating Lab:

CGRANDITS Logged By:

4/15/2022 04/05/22 Date Received: Internal Due Date:

LAB QAP QAP: HRMS Qualifier Set Qualifier Set:

Lab Standard

Formset: Merged?:

Report to MDL?:

22040132 P.O. Number: No EDD Specified

EDD:

EHRMS-WIC 3C Location:

1 1000 ml-Glass Bottle NM AMBER Teflon Liner Unpreserved

Pressure Gas:

7 of 34

Data Qualifiers

HRMS Qualifier Set

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

ALS Laboratory Group

Acronyms

Cal Calibration
Conc CONCentration

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

EDL Estimated Detection Limit

EMPC Estimated Maximum Possible Concentration

Flags Data qualifiers

Furan(s) Polychlorinated dibenzofuran(s)

g Grams

ICAL Initial CALibration

ID IDentifier

Ions Masses monitored for the analyte during data acquisition

L Liter (s)

LCS Laboratory Control Sample

DLCS Duplicate Laboratory Control Sample

MB Method Blank

MCL Method Calibration Limit
MDL Method Detection Limit

mL Milliliters

MS Matrix Spiked sample

DMS Duplicate Matrix Spiked sample

NO Number of peaks meeting all identification criteria

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

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

Ratio Ratio of areas from monitored ions for an analyte

% Rec. Percent recovery

RPD Relative Percent Difference RRF Relative Response Factor

RT Retention Time

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

TEF Toxicity Equivalence Factor
TEQ Toxicity Equivalence Quotient



State Certifications, Accreditations, and Licenses

Agency	Number	Expire Date
Arizona Department of Health Services	AZ0793-2022	5/27/2022
California Department of Health Services	2919	4/30/2022
California Department of Health Services	2919-2022	4/30/2022
Florida Department of Health	E87611-34	6/30/2022
Hawaii Department of Health	2021-2022	4/30/2022
Illinois Environmental Protection Agency	2000322021-7	5/9/2022
Kansas Department of Health and Environment	E-10352 2022	7/31/2022
Louisiana Department of Environmental Quality	03087-2021	6/30/2022
Louisiana Department of Environmental Quality	03087-2020	6/30/2022
Louisiana Department of Health and Hospitals	LA028	12/31/2022
Maine Department of Health and Human Services	2020016	6/5/2022
Maryland Department of the Environment	343	6/30/2022
Michigan Depratment of Environmental Quality	9971	4/30/2022
Minnesota Department of Health	2228443	12/31/2022
Nebraska Department of Health and Human Services	NE-OS-25-13	4/30/2022
Nevada Department of Concervation and Natural Resources	TX026932022-1	7/31/2022
New Hampshire Environmental Laboratory Accreditation Program	209421	4/24/2022
New Hampshire Environmental Laboratory Accreditation Program	209419	4/24/2022
New Jersey Department of Environmental Protection	TX008	6/30/2022
New York Department of Health	11707	3/31/2023
Oklahoma Department of Environmental Quality	2021-080	8/31/2022
Pennsylvania Department of Environmental Protection	68-03441-015	6/30/2022
Tennessee Department of Environment and Concervation	04016	4/30/2022
Tennessee Department of Environment and Concervation	04016-2021	4/30/2022
Texas Commision on Environmental Quality	Т104704231-21-28	4/30/2022
Texas Commision on Environmental Quality	Т104704231-21-27	4/30/2022
United States Department of Agriculture	P330-19-00299	10/10/2022
Utah Department of Health Environmental Laboratory Certification	ГХ026932021-12	7/31/2022
Washington Department of Health	C819-2022	11/14/2022

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

SR# Unique ID	E2200281	DB-5MSUI	SPB-Octyl
First	Level - Data Processing	- to be filled by person generati	ng the forms
Date:	Analyst:	Samples:	
04/15/22	LKL	001	
Sec	ond Level - Data Review	- to be filled by person doing pe	eer review
Date:	Analyst:	Samples:	
4/15/22	刈 亿	(00)	



Chain of Custody

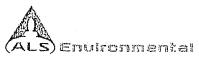
ALS Environmental - Houston HRMS 10450 Stancliff Rd, Suite 210, Houston TX 77099 Phone (713)266-1599 Fax (713)266-0130 www.alsglobal.com

ALS	

Subcontractor:

	A! S Environmental - Houston HB	Houston HB		The state of the s	03-Apr-22
		ţ		INTERNAL DESCRIPTION OF THE PROPERTY COCID: 19343	43
	10450 Standing Kd	IEL: ((1.13) 200-1289		1
3	Suite 210	FAX:		rage 1 of 1	07-Apr-22
「アレル	Houston, TX 77099	Acct #:			
			to all National Made and Management of State of		
	Salesperson	ALSHN Account			
3	Customer Information		Project Information	Parameter/Method Request for Analysis	
Purchase Order		Project Name	22040132	A Subcontracted Analyses (SUBCONTRACT)	
Work Order		Project Number		B ひ(みづし ACE ユヘナ	
Company Name	ALS Group USA, Corp	Bill To Company	ALS Group USA, Corp	į	
Send Report To	Les Amold	Inv Attn	Accounts Payable	To the state of th	: : : :
Address	3352 128th Ave	Address	3352 128th Ave	The state of the s	
				The state of the s	
City/State/Zip	Holland, Michigan 49424	City/State/Zip	Holland, Michigan 49424	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Phone	(616) 399-6070	Phone	(616) 399-6070	The second secon	
Fax	(616) 399-6185	Fax	(616) 399-6185		
eMail Address	les.amold@alsglobal.com	eMail CC		and the formula we compressed the sequence of	
ALS Sample ID	Client Sample ID	Matrix Collectio	Collection Date 24hr Bottle	A B C D E H G H	,
22040132-01B March 2022 F039	March 2022 F039	Liquid 1/Ap	1/Apr/2022 (1) 1LPNEAT		And the second of the second of
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Report QC Level Cooler IDs 4 15/202 14 16. Date Time Received by: 44 6 / Date Time Date Time Comments: Refinquished by:



Cooler Receipt Form Project Chemist

Project Chemist

Client/Project	ALGAI			The	rmometer ID	insi	
Date/Time Received:	प - ५-२२	lnit	lals: 74 Da	te/Time Logg	ed in: પુ-દે	ار ا	nitials th
1. Method of delivery:	○US Mail	€ Fed Ex	○ UPS	ODHL C	Courier C	Client	
2. Samples received in:	€ Cooler ○	Box CEnv	elope <i>C</i> Othe	r			
3. Were custody seals on Were Were they signed	they intact? CY	es ONo		yes, how mand where?	ny		
	○ Inserts			s 🕜 Wet lo	e (Sleeves	C Other	
. Foreign or Regulated S		s ONo	Location of S				
Cooler Tracki	ng Number	COC ID	Date Opened	Time Opened	Opened By	Temp.	Temp Blank?
וֹל כולף	87 3LL7		4422	بااله	14	1.8	
							Γ.
							Г
. Did all bottles arrive in . Were all sample labels . Were appropriate bottl 0. Did sample labels and	complete (i.e., sample es/containers and volu	ID, analysis, p imes receive	oreservation, etc) d for the requeste		€Yes (No No No No	
lotes, Discrepancies, & F	esolutions:						
		-					
			Service reques	t Label:			
IS-HRMSCoolerReceip	t R1.0		,				
•	A	ALS Environ	mental - Housi	on HRMS	ľ		



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

SAMPLE ACCEPTANCE POLICY

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

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

✓ Intact on outside of cooler, signed and dated

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

The following is required on each COC:

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

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

Sample Integrity (mandatory):

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

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

Temperature Requirement (varies by sample matrix):

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

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



Preparation Information Benchsheets

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

Preparation Information Benchsheet

Prep Run#: 397783
Team: Semivoa GCMS/SHIVANI NAIDU

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

Status: Prepped Prep Date/Time: 4/7/22 15:59

#	Lab Code	Client ID	#	B# Method /Test	표	CI Matrix	Amt. Ext.	Sample Description
	E2200252-001	FR Bleach Plant	.01		7 n	Water	1976mL	orange cloudy
2	E2200253-001	Final Effluent	10.	1613B/Dioxins Furans	7 n	Water	986mL	cloudy
3	E2200254-001	Cameo	.01		7 n	Water	1031mL	cloudy
4	E2200258-001	120867M,N	.01	1613B/Dioxins Furans	1 u	Wastewater	989mL	yellow cloudy
5	E2200259-001	1R-SW-P18/9-022	10:	1613B/Dioxins Furans	7 n	Water	970mL	yellow clear
9	E2200259-002	1R-SW-PI8/9-024	.01	1613B/Dioxins Furans	7 n	Water	898mL	orange clear
7		1R-SW-PI8/9-025	10:	1613B/Dioxins Furans	7 n	Water	988mL	orange clear
œ		1R-SW-PI8/9-026	.01	1613B/Dioxins Furans	7 n	Water	938mL	orange clear
6	E2200259-005	1R-SW-PI8/9-027	<u>.01</u>	1613B/Dioxins Furans	7 n	Water	945mL	orange clear
10	10 E2200259-006	1R-SW-P18/9-028	10.	1613B/Dioxins Furans	7 n	Water	894mL	orange clear
11	11 E2200259-008	1R-SW-SW8-015	10.	1613B/Dioxins Furans	7 n	Water	877mL	yellow clear
12	E2200259-009	1R-SW-G2L-012	10.	1613B/Dioxins Furans	7 n	Water	885mL	yellow clear
13	E2200259-010	1R-PW-HCSA-001	10.	1613B/Dioxins Furans	7 n	Water	920mL	yellow cloudy
14	14 E2200259-011	1R-PW-HCSA-002	10.	1613B/Dioxins Furans	7 n	Water	914mL	yellow cloudy
15	15 E2200263-001	Effluent Tbl II+307 Comp	.02	1613B/Dioxins Furans	7 n	Water	982mL	clear
16	16 E2200264-001	Influent Tbl II+307 Comp	.02	1613B/Dioxins Furans	7 n	Water	943mL	black
17	17 E2200275-003	BP031522+1D Composite	10.	1613B/Dioxin Furans Unadjusted 7	7. n	Wastewater	1000.0mL	yellow cloudy
18	18 E2200281-001	March 2022 F039 Leachate	.01	1613B/Dioxins Furans	7 n	Aqueous Leachate	203mL	green
19	19 EQ2200137-01	MB		1613B/Dioxins Furans	7 n	Liquid	1000.0mL	
20	20 EQ2200137-02	TCS		1613B/Dioxins Furans	7 n	Liquid	1000mL	
21	EQ2200137-03	DLCS		1613B/Dioxins Furans	7 n	Liquid	1000.0mL	
22	22 K2203327-001	2378 TCDF and 2378 TCDD	.01	1613B/Dioxins Furans	7 n	Water	995mL	orange cloudy
23	23 K2203345-009	WC-EB01-03302022	90.	1613B/Dioxins Furans	7 n	Water	1008mL	clear

Spiking Solutions

Name: 8290/	1613B Cleanup	Name: 8290/1613B Cleanup Working Standard		Inventory ID 222353	Logbook Ref: tw 04/04/22 222353	353	Expires On: 08/04/2022
E2200252-001 100.00µL E2200259-003 100.00µL E2200259-010 100.00µL EQ2200137-01 100.00µL K2203327-001 100.00µL	100.00µL 100.00µL 100.00µL 100.00µL	E2200253-001 100.00µL E2200259-004 100.00µL E2200259-011 100.00µL EQ2200137-01 100.00µL K2203345-009 100.00µL	100.00µL 100.00µL 100.00µL 100.00µL 100.00µL	E2200254-001 100.00µL E2200259-005 100.00µL E2200263-001 100.00µL EQ2200137-02 100.00µL	E2200258-001 100.00µL E2200259-006 100.00µL E2200264-001 100.00µL EQ2200137-02 100.00µL	E2200259-001 100.00µL E2200259-008 100.00µL E2200275-003 100.00µL EQ2200137-03 100.00µL	E2200259-002 100.00µL E2200259-009 100.00µL E2200281-001 100.00µL EQ2200137-03 100.00µL
Name: 1613B Matrix Working Standard	3 Matrix Workin	ig Standard		Inventory ID 222412	Logbook Ref: SN 4/6/22		Expires On: 10/03/2022
ΕQ2200137-02 100.00μL	100.00µL	ΕQ2200137-02 100.00μL	100.001	EQ2200137-03 100.00μL	EQ2200137-03 100.00µL		

Printed 4/15/22 11:49

Preparation Information Benchsheet 17 of 34

Preparation Information Benchsheet

Prep Run#: 397783
Team: Semivoa GCMS/SHIVANI NAIDU

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

Status: Prepped Prep Date/Time: 4/7/22 15:59

Name: 16	13B Labeled W	Name: 1613B Labeled Working Standard	Л	Inventory ID 222433	33	Logbook Ref: SN 4/7/22	V 4/7/22			Expires On: 06/18/2022	8/2022
E2200252-001 E2200259-003 E2200259-010 EQ2200137-01 K2203327-001	1 1,000.00µL 3 1,000.00µL 0 1,000.00µL 11 1,000.00µL 1 1,000.00µL	E2200253-001 E2200259-004 E2200259-011 EQ2200137-01 K2203345-009	1,000.00µL 1,000.00µL 1,000.00µL 1,000.00µL 1,000.00µL	E2200254-001 E2200259-005 E2200263-001 EQ2200137-02	1,000.00µL 1,000.00µL 1,000.00µL 1,000.00µL	E2200258-001 E2200259-006 E2200264-001 EQ2200137-02	1,000.00µL 1,000.00µL 1,000.00µL 1,000.00µL	E2200259-001 E2200259-008 E2200275-003 EQ2200137-03	1,000.00µL 1,000.00µL 1,000.00µL 1,000.00µL	E2200259-002 E2200259-009 E2200281-001 EQ2200137-03	1,000.00µL 1,000.00µL 1,000.00µL 1,000.00µL
Preparation Materials	Materials										
Carbon, High Purity	urity	SN 3/14/2022 (222081)	(1)	Ethyl Acetate 99.9% Minimum	Minimum	SN 12/16/21 (220923)		Glass Wool		tw 7/8/21 glass wool (218851)	18851)
Hexanes 95%		tw 12/30/21 (221138)	_	Dichloromethane (Methylene	[ethy]ene	SN 3/24/2022 (222245)		Sodium Hydroxide 1N NaOH	IN NaOH	tw 08/10/21 (218694)	
Tridecane (n-Tridecane) Toluene 99.9% Minimum Sodium Sulfate Anhydrous Reagent Grade Na2SO4	idecane) Minimum Anhydrous Va2SO4	tridecane (218692) SN 12/23/21 (221021) tw 04/12/21 (217292)	<u> </u>	Chlorde) 99.9% MeCl2 Silica Gel ColorpHast pH-Indicator Strips	Cl2 cator Strips	tw 3/3/22 silica gel (222195) pH-Indicator strips (217936)	2195) 7936)	sulfuric acid Chlorine Test Strips	Ø	8/12/21 tw (218912) chlorine test strips (206954)	954)
Preparation Steps	Steps										
Step: Ext	Extraction 4/7/22 15:59	Step:	Acid Clean	Step:	Silica Gel Clean	ц		Final Volume			
÷	4/8/22 16:46		4/11/22 13:00	טומו וביו.				4/11/22 14:00			
	722 10.40	sned:	4/11/22 11:00	Finished:	4/11/22 14:00		Finished: 4/11/2.	4/11/22 17:00			
_	SHLVANI NAIDU	By:	SHIVANI NAIDU	U By:	SHIVANI NAIDU	NAIDU By:		SHIVANI NAIDU			
Comments		Comments		Comments	Ş	ග	ments				

Date: 4/11/22		Date:	Date: V-s-s No
Reviewed By:	Chain of Custody	Relinquished By:	Received By:

Comments:

Printed 4/15/22 11:49

Preparation Information Benchsheet



Analytical Results

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

Analytical Report

Client: Project: ALS Environmental - Holland (MI)

22040132

Service Request: E2200281

Date Collected: 04/01/22 00:00

Date Received: 04/05/22 14:16

Sample Name:

Sample Matrix:

March 2022 F039 Leachate

Lab Code:

E2200281-001

Aqueous Leachate

Units: pg/L

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

203mL

Date Analyzed: 04/13/22 05:08

Prep Method: Sample Amount: Method Sep Funnel/Jar

Date Extracted: 4/7/22

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Blank File Name: P537325

Data File Name: **ICAL Date:**

P537355 01/18/22

Cal Ver. File Name: P537350

Native Analyte Results

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
2,3,7,8-TCDD	7.24 JK	5.00	24.6	0.34	1.001	1
1,2,3,7,8-PeCDD	19. 8JK	2.90	123	1.18	1.000	1
1,2,3,4,7,8-HxCDD	9.82 JK	3.11	123	1.49	1.000	1
1,2,3,6,7,8-HxCDD	27.4 JK	3.47	123	0.77	1.000	1
1,2,3,7,8,9-HxCDD	15.7 J	3.29	123	1.26	1.007	1
1,2,3,4,6,7,8-HpCDD	282	9.35	123	0.99	1.000	1
OCDD	3590	12.5	246	0.89	1.000	1
2,3,7,8-TCDF	40.5 K	5.12	24.6	0.49	1.001	1
1,2,3,7,8-PeCDF	491	9.74	123	1.64	1.001	1
2,3,4,7,8-PeCDF	364	9.32	123	1.46	1.000	1
1,2,3,4,7,8-HxCDF	4830	74.2	123	1.16	1.000	1
1,2,3,6,7,8-HxCDF	1530	82.3	123	1.18	1.000	1
1,2,3,7,8,9-HxCDF	102 JK	87.9	123	1.51	1.001	1
2,3,4,6,7,8-HxCDF	393	76.8	123	1.27	1.000	1
1,2,3,4,6,7,8-HpCDF	38500	8.20	123	1.00	1.000	1
1,2,3,4,7,8,9-HpCDF	705	9.51	123	1.03	1.000	1
OCDF	58200	53.7	246	0.86	1.005	1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Service Request: E2200281

Sample Matrix:

A T

Date Collected: 04/01/22 00:00 **Date Received:** 04/05/22 14:16

•

Aqueous Leachate

Date Received. 04/03/22

Sample Name: Lab Code: March 2022 F039 Leachate

E2200281-001

Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/13/22 05:08

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

203mL

Instrument Name: E-HRMS-07

ample imount. 205111

GC Column: DB-5MSUI

Data File Name: P537355

Blank File Name: P537325

ICAL Date:

01/18/22

Cal Ver. File Name: P537350

Native Analyte Results

				Ion		Dilution
Analyte Name	Result Q	EDL	MRL	Ratio	RRT	Factor
Total Tetra-Dioxins	89.8	5.00	24.6	0.76		1
Total Penta-Dioxins	47.1 J	2.90	123	1.51		1
Total Hexa-Dioxins	106 J	3.29	123	1.06		1
Total Hepta-Dioxins	597	9.35	123	1.18		1
Total Tetra-Furans	2320	5.12	24.6	0.74		1
Total Penta-Furans	5040	3.09	123	1.53		1
Total Hexa-Furans	14500	80.2	123	1.13		1
Total Hepta-Furans	41700	8.83	123	1.00		1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200281

Project:

22040132

Date Collected: 04/01/22 00:00

Sample Matrix:

Aqueous Leachate

Date Received: 04/05/22 14:16

Sample Name:

March 2022 F039 Leachate

Units: Percent

Lab Code:

E2200281-001

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/13/22 05:08

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

203 mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

P537355

Blank File Name: P537325

ICAL Date:

01/18/22

Cal Ver. File Name: P537350

Labeled Standard Results

	Spike	Conc.			Control	Ion	
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	1077.000	54		25-164	0.76	1.020
13C-1,2,3,7,8-PeCDD	2000	1253.337	63		25-181	1.64	1.177
13C-1,2,3,4,7,8-HxCDD	2000	1383.310	69		32-141	1.30	0.991
13C-1,2,3,6,7,8-HxCDD	2000	1225.369	61		28-130	1.28	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	1171.452	59		23-140	1.07	1.066
13C-OCDD	4000	1925.839	48		17-157	0.90	1.141
13C-2,3,7,8-TCDF	2000	1091.655	55		24-169	0.79	0.994
13C-1,2,3,7,8-PeCDF	2000	1318.940	66		24-185	1.54	1.136
13C-2,3,4,7,8-PeCDF	2000	1340.058	67		21-178	1.56	1.168
13C-1,2,3,4,7,8-HxCDF	2000	1303.030	65		26-152	0.50	0.972
13C-1,2,3,6,7,8-HxCDF	2000	1088.667	54		26-123	0.51	0.974
13C-1,2,3,7,8,9-HxCDF	2000	1336.963	67		29-147	0.52	1.008
13C-2,3,4,6,7,8-HxCDF	2000	1273.150	64		28-136	0.51	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	1084.276	54		28-143	0.44	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	1192.803	60		26-138	0.43	1.079
37Cl-2,3,7,8-TCDD	800	493.062	62		35-197	NA	1.020

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project: 22040132

Aqueous Leachate

Service Request: E2200281

Date Collected: 04/01/22 00:00

Date Received: 04/05/22 14:16

Sample Name:

Sample Matrix:

March 2022 F039 Leachate

Units: pg/L

Lab Code:

E2200281-001

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Prep Method:

Method Sep Funnel/Jar

Toxicity Equivalency Quotient

				Dilution		TEF - Adjusted
Analyte Name	Result	DL	MRL	Factor	TEF	Concentration
2,3,7,8-TCDD	7.24	5.00	24.6	i i	1	7.24
1,2,3,7,8-PeCDD	19.8	2.90	123	1	1	19.8
1,2,3,4,7,8-HxCDD	9.82	3.11	123	1	0.1	0.982
1,2,3,6,7,8-HxCDD	27.4	3.47	123	1	0.1	2.74
1,2,3,7,8,9-HxCDD	15.7	3.29	123	1	0.1	1.57
1,2,3,4,6,7,8-HpCDD	282	9.35	123	1	0.01	2.82
OCDD	3590	12.5	246	1	0.0003	1.08
2,3,7,8-TCDF	40.5	5.12	24.6	1	0.1	4.05
1,2,3,7,8-PeCDF	491	9.74	123	1	0.03	14.7
2,3,4,7,8-PeCDF	364	9.32	123	1	0.3	109
1,2,3,4,7,8-HxCDF	4830	74.2	123	1	0.1	483
1,2,3,6,7,8-HxCDF	1530	82.3	123	1	0.1	153
1,2,3,7 ,8 ,9-HxCDF	102	87.9	123	1	0.1	10.2
2,3,4,6,7,8-HxCDF	393	76.8	123	1	0.1	39.3
1,2,3,4,6,7,8-HpCDF	38500	8.20	123	1	0.01	385
1,2,3,4,7,8,9-HpCDF	705	9.51	123	1	0.01	7.05
OCDF	58200	53.7	246	1	0.0003	17.5
	To	otal TEQ				1260

2005 WHO TEFs, ND = 0

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200281

Project:

22040132

Date Collected: NA

Sample Matrix:

Aqueous Leachate

Date Received: NA

Sample Name:

Method Blank

Units: pg/L

Lab Code:

EQ2200137-01

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/11/22 19:00

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000.0mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

P537325

Blank File Name: P537325

ICAL Date:

01/18/22

Cal Ver. File Name: P537322

Native Analyte Results

				Ion		Dilution
Analyte Name	Result Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	ND U	2.69	5.00			1
1,2,3,7,8-PeCDD	ND U	1.01	25.0			1
1,2,3,4,7,8-HxCDD	ND U	1.02	25.0			1
1,2,3,6,7,8-HxCDD	ND U	1.05	25.0			1
1,2,3,7,8,9-HxCDD	ND U	1.04	25.0			1
1,2,3,4,6,7,8-HpCDD	3.04 JK	1.11	25.0	0.75	1.000	1
OCDD	18.3 J	1.31	50.0	0.82	1.001	1
2,3,7,8-TCDF	ND U	2.23	5.00			1
1,2,3,7,8-PeCDF	ND U	1.04	25.0			1
2,3,4,7,8-PeCDF	ND U	0.974	25.0			1
1,2,3,4,7,8-HxCDF	1.40 J	0.461	25.0	1.09	1.000	1
1,2,3,6,7,8-HxCDF	ND U	0.500	25.0			1
1,2,3,7,8,9-HxCDF	0.967 J	0.577	25.0	1.42	1.000	1
2,3,4,6,7,8-HxCDF	ND U	0.491	25.0			1
1,2,3,4,6,7,8-HpCDF	2.31 JK	0.553	25.0	0.74	1.000	1
1,2,3,4,7,8,9-HpCDF	ND U	0.676	25.0			1
OCDF	24.0 JK	1.62	50.0	0.75	1.005	1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Service Request: E2200281

Sample Matrix:

Aqueous Leachate

Date Collected: NA Date Received: NA

Sample Name:

Method Blank

Units: pg/L

Lab Code:

EQ2200137-01

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/11/22 19:00

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000.0mL

Instrument Name: E-HRMS-07 GC Column: DB-5MSUI

P537325

ICAL Date:

Blank File Name: P537325 Cal Ver. File Name: P537322

Data File Name:

01/18/22

Native Analyte Results

Analyte Name	Result	o	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total Tetra-Dioxins	ND	Ü	2.69	5.00			1
Total Penta-Dioxins	ND	U	1.01	25.0			1
Total Hexa-Dioxins	ND	U	1.04	25.0			1
Total Hepta-Dioxins	ND	U	1.11	25.0			1
Total Tetra-Furans	ND	U	2.23	5.00			1
Total Penta-Furans	ND	U	1.01	25.0			1
Total Hexa-Furans	2.36 J		0.505	25.0	1.09		1
Total Hepta-Furans	ND	U	0.611	25.0			1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Service Request: E2200281 Date Collected: NA

Sample Matrix:

Aqueous Leachate

Date Received: NA

Sample Name:

Method Blank

Units: Percent

Lab Code:

EQ2200137-01

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/11/22 19:00

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Prep Method:

Sample Amount:

1000.0mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

P537325

Blank File Name: P537325

ICAL Date:

01/18/22

Cal Ver. File Name: P537322

Labeled Standard Results

Labeled Compounds	Spike	Conc.	% Rec	0	Control Limits	Ion Ratio	RRT
13C-2,3,7,8-TCDD	Conc.(pg) 2000	Found (pg) 933.912		<u>Q</u>	25-164		1.019
			47			0.79	
13C-1,2,3,7,8-PeCDD	2000	999.641	50		25-181	1.61	1.176
13C-1,2,3,4,7,8-HxCDD	2000	1081.782	54		32-141	1.30	0.992
13C-1,2,3,6,7,8-HxCDD	2000	1021.399	51		28-130	1.30	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	875.899	44		23-140	1.07	1.066
13C-OCDD	4000	1420.608	36		17-157	0.92	1.141
13C-2,3,7,8-TCDF	2000	994.281	50		24-169	0.80	0.994
13C-1,2,3,7,8-PeCDF	2000	1079.527	54		24-185	1.57	1.136
13C-2,3,4,7,8-PeCDF	2000	1108.493	55		21-178	1.61	1.167
13C-1,2,3,4,7,8-HxCDF	2000	1031.958	52		26-152	0.51	0.972
13C-1,2,3,6,7,8-HxCDF	2000	913.896	46		26-123	0.50	0.975
13C-1,2,3,7,8,9-HxCDF	2000	1014.831	51		29-147	0.50	1.009
13C-2,3,4,6,7,8-HxCDF	2000	1041.445	52		28-136	0.51	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	806.700	40		28-143	0.43	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	845.577	42		26-138	0.43	1.079
37Cl-2,3,7,8-TCDD	800	439.012	55		35-197	NA	1.020



Accuracy & Precision

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

QA/QC Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Sample Matrix:

Aqueous Leachate

Service Request:

E2200281

Date Analyzed: Date Extracted: 04/12/22 04/07/22

Duplicate Lab Control Sample Summary

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Units: Basis: pg/L NA

Prep Method:

Method Sep Funnel/Jar

Analysis Lot:

760553

Lab Control Sample EQ2200137-02 Duplicate Lab Control Sample EQ2200137-03

							% Rec		
Analyte Name	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	Limits	RPD	RPD Limit
1,2,3,4,6,7,8-HpCDD	1070	1000	107	1060	1000	106	70-140	2	50
1,2,3,4,7,8-HxCDD	949	1000	95	966	1000	97	70-164	2	50
1,2,3,6,7,8-HxCDD	1000	1000	100	1010	1000	101	76-134	<1	50
1,2,3,7,8,9-HxCDD	1050	1000	105	1120	1000	112	64-162	7	50
1,2,3,7,8-PeCDD	1050	1000	105	1080	1000	108	70-142	3	50
2,3,7,8-TCDD	191	200	96	192	200	96	67-158	<1	50
OCDD	2130	2000	107	2150	2000	107	78-144	<1	50
1,2,3,4,6,7,8-HpCDF	1060	1000	106	1100	1000	110	82-122	3	50
1,2,3,4,7,8,9-HpCDF	1020	1000	102	1030	1000	103	78-138	1	50
1,2,3,4,7,8-HxCDF	879	1000	88	886	1000	89	72-134	<1	50
1,2,3,6,7,8-HxCDF	975	1000	97	1000	1000	100	84-130	3	50
1,2,3,7,8,9-HxCDF	921	1000	92	906	1000	91	78-130	2	50
1,2,3,7,8-PeCDF	939	1000	94	946	1000	95	80-134	<1	50
2,3,4,6,7,8-HxCDF	918	1000	92	896	1000	90	70-156	3	50
2,3,4,7,8-PeCDF	927	1000	93	941	1000	94	68-160	2	50
2,3,7,8-TCDF	181	200	90	187	200	93	75-158	3	50
OCDF	2180	2000	109	2200	2000	110	63-170	1	50

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Date Collected: NA

Sample Matrix:

Aqueous Leachate

Date Received: NA

Service Request: E2200281

Sample Name:

Lab Control Sample

Units: pg/L

Lab Code:

EQ2200137-02

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/12/22 23:14

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

P537348

Blank File Name: P537325

Data File Name: **ICAL Date:**

01/18/22

Cal Ver. File Name: P537337

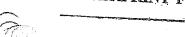
Native Analyte Results

		,		Ion		Dilution
Analyte Name	Result Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	191	2.73	5.00	0.79	1.001	1
1,2,3,7,8-PeCDD	1050	1.19	25.0	1.64	1.000	1
1,2,3,4,7,8-HxCDD	949	0.695	25.0	1.24	1.000	1
1,2,3,6,7,8-HxCDD	1000	0.723	25.0	1.29	1.000	1
1,2,3,7,8,9-HxCDD	1050	0.710	25.0	1.24	1.007	1
1,2,3,4,6,7,8-HpCDD	1070	0.957	25.0	1.05	1.000	1
OCDD	2130	2.83	50.0	0.91	1.000	1
2,3,7,8-TCDF	181	1.89	5.00	0.70	1.001	1
1,2,3,7,8-PeCDF	939	1.72	25.0	1.49	1.000	1
2,3,4,7,8-PeCDF	927	1.69	25.0	1.50	1.000	1
1,2,3,4,7,8-HxCDF	879	0.333	25.0	1.19	1.000	1
1,2,3,6,7,8-HxCDF	975	0.373	25.0	1.15	1.000	1
1,2,3,7,8,9-HxCDF	921	0.390	25.0	1.20	1.000	1
2,3,4,6,7,8-HxCDF	918	0.351	25.0	1.14	1.000	1
1,2,3,4,6,7,8-HpCDF	1060	1.25	25.0	1.03	1.000	1
1,2,3,4,7,8,9-HpCDF	1020	1.66	25.0	1.02	1.000	1
OCDF	2180	1.62	50.0	0.87	1.005	1



RESEMBLE	
Date	03/02-2022
Receiving ID#	Z03022203
Manifest# Line	7 7 7 7 7 7 7 7
Land Ban Cert included	Yes No
EGT Approval #	110
Generator	
Client	
Transporter	· ·
Time in	
Time out	
Received by	J.7)
Sampled by	36

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RECENTACINI Date	
Receiving ID#	3/02-2022
Manifest # Line	I03022203
Land Ban Cert included	Yes No
EGT Approval #	103 100
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	DB

55T-1

	A STATE OF THE STA		
-	Compatible? (RT#)	V	
	PCBs (ppm) (Oily Waste Only)?		
-	TOC		
-	TOC ppm (CC Waste Only)?		
į	Flash Point (F)	2140	
-	pH (S.U.)	4.73	
	Cyanides? (mg/L)		
1	Sulfides? (ppm)?		
	Specific Gravity	1.02	
	Physical Description	1102	
	Stream Consistency	Yes	No
	Oil in Sample?	Yes	No
	Temperature (F)	68.5	. 190
	Conductivity	45.2	~ √.
	% Solids	4.17	
	Turbidity	Yes	No
	Color		
	TSS (%)	300	
	Radiation Screen (as needed)		
	Lab Signature/Initials	丁.か	
		· · · · · · · · · · · · · · · · · · ·	

	A SELECTION OF ALL
A BEST RECEIVING INFO	
Date	3-2-22
Receiving ID#	I03022202
Manifest # Line	100023202
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	KIT
Sampled by	13
	- (} - '

The state of the s		
SECOND PROPERTY		
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Unly)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	2140	
pH (S.U.))140 6.8°	J
Cyanides? (mg/L)		/
Sulfides? (ppm)?		
Specific Gravity		
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	65.	
Conductivity	23,4	
% Solids	1.71	
Turbidity	Yes	No
Color		
TSS (%)	101	
Radiation Screen (as needed)		· · · · · · · · · · · · · · · · · · ·
Lab Signature/Initials		·
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	THOU WAFF
RESENTING IN	3-2-72
Receiving ID#	1 comments
Manifest# Line	103023201
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	(17)
Sampled by	E
•	

A CALL NEGRALA	NOMES OF	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste		
Only)?		
TOC ppm (CC Waste Only)?		······································
Flash Point (F)	>140	7
.pH (S.U.)	6.7	
Cyanides? (mg/L)		<u> </u>
Sulfides? (ppm)?	***************************************	
Specific Gravity	1.0	2
Physical Description		
Stream Consistency	Yes	No
Oil in Sample?	Yes	No
Temperature (F)	68,	
Conductivity	24.0,	<u>~/~~</u>
% Solids	1.60	
Turbidity	Yes	No
Color		
TSS (%)	20	7
Radiation Screen (as needed)		-/
Lab Signature/Initials	(4.7)	

RECEIVAGINE	
Date	3.1.22
Receiving ID#	I0301220S
Manifest # Line	20301 2203
Land Ban Cert included	Yes No
EGT Approval #	100
Generator	
Client	
Transporter	·
Time in	
Time out	
Received by	(7.7)
Sampled by	PW -
	

Compatible? (RT#)		
PCBs (ppm) (Oily Waste		·
Only)?		
TOC ppm (CC Waste Only)?		
Flash Point (F)	>140	
pH (S.U.)	6.87	7
Cyanides? (mg/L)	(2.0)	,
Sulfides? (ppm)?		
Specific Gravity	1.02	
Physical Description	1.0%	
Stream Consistency	Yes	N.
Oil in Sample?	Yes	No No
Temperature (F)	68.7	140
Conductivity	32.2	
% Solids	1.64)
Turbidity	Yes	No
Color	1.6-3	iAO
TSS (%)	10	1
Radiation Screen (as needed)	10	<u> </u>
Lab Signature/Initials	ਰ.11	*
	///	

		1 YOU
RESEVACINE		Ballan
Date	2 · 1 · 2 /	180
Receiving ID#	I03012204	SS7-1
Manifest # Line	203012201	>>(-(
Land Ban Cert included	Yes No	1
EGT Approval #	140	1
Generator		1
Client	<u> </u>	-
Transporter		4
Time in		-
Time out		4
Received by		1
Sampled by	AW	1
		j

TAE IN FORMS	TOWN THE REAL PROPERTY.
Compatible? (RT#)	
PCBs (ppm) (Oily Waste	
Only)?	// // /
TOC ppm (CC Waste Only)?	
Flash Point (F)	>1H8
pH (S.U.)	6.02
Cyanides? (mg/L)	230
Sulfides? (ppm)?	L7.00
Specific Gravity	1.00
Physical Description	10
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	855
Conductivity	56.1ns
% Solids	2,21
Turbidity	Yes Wo
Color	Clear
TSS (%)	(0.1
Radiation Screen (as needed)	Neo
Lab Signature/Initials	
	++13/

	BENEVITA OF WILL	I V U V M
RESEMINGINE		
Date Date		
Receiving ID#	T07 01 21 01	
Manifest# Line	I03012204	SS7-L
Land Ban Cert included	Yes No	rance and a second
EGT Approval #	100	
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	AW	
		ŀ

Committee	HOME SEE	
Compatible? (RT#)		
PCBs (ppm) (Oily Waste	010	
Only)?	11 H	-
TOC ppm (CC Waste Only)?		
Hash Point (F)	714	16
pH (S.U.)	6.7	5
Cyanides? (mg/L)	7.3	0
Sulfides? (ppm)?	221	55
Specific Gravity	1,0	
Physical Description	10	
Stream Consistency	(Yes	No
Oil in Sample?	Yes	6W
Temperature (F)	60.	4
Conductivity	33.	ins
% Solids	3,4	2
Turbidity	Yes	SQ.
Color	Yes 5(0	WA
TSS (%)	(5,1
Radiation Screen (as needed)	N	12
Lab Signature/Initials	PL	

RECEIVINGINE	
Date	
Receiving ID#	203012203
Manifest # Line	4-07012203
Land Ban Cert included	Yes No
EGT Approval #	1 103 110
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	BB
	<u> </u>

	ere i
EAS MEORINE	
Compatible? (RT#)	Y
PCBs (ppm) (Oily Waste	$h_{\ell} \wedge$
Only)?	11/14
TOC ppm (CC Waste Only)?	
Flash Point (F)	7140
pH (S.U.)	5,89
Cyanides? (mg/L)	630
Sulfides? (ppm)?	L106
Specific Gravity	1,00
Physical Description	10
Stream Consistency	Yes No
Oil in Sample?	Yes (No
Temperature (F)	69.9
Conductivity	56305
% Solids	7.20
Turbidity	Yes No
Color	Gleen
TSS (%)	10.1
Radiation Screen (as needed)	Nea
Lab Signature/Initials	$\frac{\partial}{\partial D}$
- 0 0 0 0 0 0 0 0	1 11

Control of the Contro	
RESEVANCINE	
Date	03/01-2022
Receiving ID#	203012203
Manifest # Line	203012203
Land Ban Cert included	Yes No
EGT Approval #	1 00 100
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	BR

SE SE SE EN ESPARE		
Compatible? (RT#)	V	
PCBs (ppm) (Oily Wasts	140	
Only)?	NA	
TOC ppm (CC Waste Only)?		
Hash Point (F)	2140	
pH (S.U.)	6,74	
Cyanides? (mg/L)	136	
Sulfides? (ppm)?	1200	
Specific Gravity	1,07	
Physical Description	La	
Stream Consistency	Yes No	
Oil in Sample?	Yes No	
Temperature (F)	70.0	
Conductivity	32,805	
% Solids	2.18	
Turbidity	Yes No	
Color	Blown	
TSS (%)	20.1	
Radiation Screen (as needed)	Near	
Lab Signature/Initials	DP	

	TO THE PARTY OF WALL
RECEIVING IN S Date	
Receiving ID#	203012201
Manifest# Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	·
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	00

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		1.4	_
7.0	E SE SE SE SE INFORME	Telles III	
eter .	Compatible? (RT#)	V	
	PCBs (ppm) (Oily Waste	/NA	
	Only)?	1 // / /	
	TOC ppm (CC Waste Only)?		
	Flash Point (F)	7140	
	pH (S.U.)	5,72	
	Cyanides? (mg/L)	130	
	Sulfides? (ppm)?	6200	
	Specific Gravity	1.00	
	Physical Description	L-0	
	Stream Consistency	Yes -	No
	Oil in Sample?	Yes	No
	Temperature (F)	71.9	- 39
	Conductivity	31.0 MS	-
	% Solids	1.71	
	Turbidity	Yes	No
	Color	Tan	
	TSS (%)	20.1	
	Radiation Screen (as needed)	Nea	
	Lab Signature/Initials	Ωο	
		·	

REGEVINGING	
Date	03/01-2022
Receiving ID#	203012201
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	103 110
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	BB

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	E SE	TO HE SEE	
egene	Compatible? (RT#)	V	
	PCBs (ppm) (Oily Waste	YALA	
	Only)?	/// P	
	TOC ppm (CC Waste Only)?		·
	Flash Point (F)	>14C)
	pH (S.U.)	6,79	
	Cyanides? (mg/L)	Z30	
	Sulfides? (ppm)?	12a)
	Specific Gravity	1,01	
	Physical Description	1-0	
	Stream Consistency	Es.	No
	Oil in Sample?	Yes	No.
	Temperature (F)	72	,5
	Conductivity	31.7	ms
	% Solids	2,2	3
	Turbidity	Yes	No
	Color	61 6	wp
	TSS (%)	20	0
	Radiation Screen (as needed)	Ne	2
	Lab Signature/Initials	PD	<i></i>



RESEMAGINEOU	
Date Date	03/01-2022
Receiving ID#	203012202
Manifest # Line	2-101 2202
Land Ban Cert included	Yes No
EGT Approval #	100
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	BB

55T-1

Compatible? (RT#)	HONE TO	
PCBs (ppm) (Oily Waste Only)?	TNA	
TOC ppm (CC Waste Only)?	4.1.1	
Flash Point (F)	71	40
pH (S.U.)	Ú,	12
Cyanides? (mg/L)	/2	6
Sulfides? (ppm)?	72	Dκ
Specific Gravity	7,1	50
Physical Description	7	,
Stream Consistency	Yes .	No
Oil in Sample?	Yes	No
Temperature (F)	7	1.6
Conductivity	45	1.803
% Solids	3	103
Turbidity	Yes	No
Color	light	-6 (een
TSS (%)	-25	0,1
Radiation Screen (as needed)	//	100
Lab Signature/Initials)p

REGENHICINE	
Date	03/01-2022
Receiving ID#	203012202
Manifest # Line	120,01000
Land Ban Cert included	Yes No
EGT Approval #	140
Generator	
Client	· ·
Transporter	
Time in	
Time out	
Received by	
Sampled by	88

LAE INFORMS	TO BE SEED OF
Compatible? (RT#)	7
PCBs (ppm) (Oily Waste	/0.0
Only)?	<u> </u>
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
.pH (S.U.)	6,75
Cyanides? (mg/L)	236
Sulfides? (ppm)?	L 266
Specific Gravity	1,01
Physical Description	Le
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.1
Conductivity	32.5n5
% Solids	1,71
Turbidity	Yes No
Color	BIOWA
TSS (%)	(0,1
Radiation Screen (as needed)	NCO
Lab Signature/Initials	DA





15-Apr-2022

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

Re: F039 Leachate analysis 04.01.2022

Work Order: 22040132

Dear Rick.

ALS Environmental received 1 sample on 01-Apr-2022 10:30 PM for the analyses presented in the following report.

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

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

The total number of pages in this report is 46.

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

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

Sincerely,

Electronically approved by: Les Arnold

Les arudo

Les Arnold

General Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

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

Environmental 🏃

www.alsglobal.com

Date: 15-Apr-22

Client:

Republic Industrial and Energy Solutions, LLC

Project:

F039 Leachate analysis 04.01.2022

22040132-01 March 2022 F039 Leachate analysis Liquid

Work Order:

22040132

Work Order Sample Summary

<u>Lab Samp ID</u> <u>Client Sample ID</u>

<u>Matrix</u>

Tag Number

Collection Date Date Received

4/1/2022

4/1/2022 22:30

<u>Hold</u>

Client:

Republic Industrial and Energy Solutions, LLC

Project:

F039 Leachate analysis 04.01.2022

Work Order:

22040132

Case Narrative

Subcontracted analytical data has been appended to this report in its entirety.

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

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

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

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

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

Client: Republ

Republic Industrial and Energy Solutions, LLC

Project:F039 Leachate analysis 04.01.2022Work Order: 22040132Sample ID:March 2022 F039 Leachate analysisLab ID: 22040132-01

Collection Date: 4/1/2022 Matrix: LIQUID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PESTICIDES			SW8081E	3	Prep: SW3511 4/6/22 16:41	Analyst: SJB
Aldrin	ND		0.30	μg/L	1	4/7/2022 04:24 PM
Surr: Decachlorobiphenyl	82.0		30-162	%REC	1	4/7/2022 04:24 PM
Surr: Tetrachloro-m-xylene	80.4		54-141	%REC	1	4/7/2022 04:24 PM
SEMI-VOLATILE ORGANIC COMPOUNDS	S		SW846 8	270D	Prep: SW3510 4/8/22 16:31	Analyst: EEW
N-Nitrosodimethylamine	ND		100	µg/L	1	4/11/2022 08:19 PM
Surr: 2,4,6-Tribromophenol	0.320	s	27-83	%REC	1	4/11/2022 08:19 PM
Surr: 2-Fluorobiphenyl	50.5		26-79	%REC	1	4/11/2022 08:19 PM
Surr: 2-Fluorophenol	7.50	s	13-56	%REC	1	4/11/2022 08:19 PM
Surr: 4-Terphenyl-d14	71.8		43-106	%REC	1	4/11/2022 08:19 PM
Surr: Nitrobenzene-d5	25.5	S	29-80	%REC	1	4/11/2022 08:19 PM
Surr: Phenol-d6	0	S	10-35	%REC	1	4/11/2022 08:19 PM
SUBCONTRACTED ANALYSES			SUBCON	TRACT	•	Analyst: ALS
Subcontracted Analyses	See attached			as note	ed 1	4/5/2022

Date: 15-Apr-2022

See Qualifiers page for a list of qualifiers and their definitions.

Note:

Date: 15-Apr-22

Client:

Republic Industrial and Energy Solutions, LLC

Project:

F039 Leachate analysis 04.01.2022

WorkOrder:

22040132

QUALIFIERS,

ACRONYMS, UNITS

Date: 15-Apr-22

ALS Group, USA

as noted

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

QF Page 2 of 2

Date: 15-Apr-22

QC BATCH REPORT

Client:

Republic Industrial and Energy Solutions, LLC

Work Order:

22040132

Project:

F039 Leachate analysis 04.01.2022

Batch ID: 194246	Instrument	t ID GC12		Metho	d: SW808	1B						
MBLK	Sample ID: PBL	.KW1-194246-194	1246			U	Inits: μg/L	•	Analysis	Date: 4/7/	2022 01:0	4 PM
Client ID:		Run II	D: GC12_2	220407A		Se	qNo: 830 8	3715	Prep Date: 4/6/2	2022	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aldrin		ND	0.010									
Surr: Decachloro	biphenyl	0.2075	0	0.208		0	99.8	30-162	0			
Surr: Tetrachloro	-m-xylene	0.1755	0	0.208		0	84.4	54-141	0			
LCS	Sample ID: PLC	SW1-194246-194	1246			Ü	Inits: µg/L	•	Analysis	Date: 4/7/	2022 01:4	1 PM
Client ID:		Run II	D: GC12_2	220407A		Se	g N o: 8308	3717	Prep Date: 4/6/2	2022	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
Aldrin		0.1652	0.010	0.167		0	98.9	46-167	0			
Surr: Decachlorol	biphenyl	0.153	0	0.208		0	73.6	30-162	0			
Surr: Tetrachloro-	m-xylene	0.2073	0	0.208		0	99.7	54-141	0			
LCSD	Sample ID: PLC	SDW1-194246-1	94246			Ú	Inits: µg/L		Analysis	Date: 4/7/2	2022 02:0	8 PM
Client ID:		Run II	D: GC12_2	220407A		Sec	qNo: 830 8	3718	Prep Date: 4/6/2	2022	DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aldrin		0.1747	0.010	0.167		0	105	46-167	0.1652	5.59	20	
Surr: Decachlorol	biphenyl	0.1605	0	0.208		0	77.2	30-162	0.153	4.78	21	
	m-xylene	0.22	0	0.208		0	106	54-141	0.2073	5.93	20	

Client:

Republic Industrial and Energy Solutions, LLC

Work Order:

22040132

Project:

F039 Leachate analysis 04.01.2022

Batch ID: 194374 In	nstrument ID SVMS9		Metho	d: SW846	827	70D					
MBLK Sample	D: SBLKW1-194374-19	4374		*. :	. (Jnits: µg/L	•	Analysis	Date: 4/1	1/2022 12	:28 PM
Client ID:	Run II	D: SVMS9	_220411A		Se	qNo: 831 7	7568	Prep Date: 4/8/	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
N-Nitrosodimethylamine	ND	5.0									
Surr: 2,4,6-Tribromophenol	11.86	0	50		0	23.7	27-83	0			S
Surr: 2-Fluorobiphenyl	36.1	0	50		0	72.2	26-79	0			
Surr: 2-Fluorophenol	12.35	0	50		0	24.7	13-56	0			
Surr: 4-Terphenyl-d14	43.49	0	50		0	87	43-106	0			
Surr: Nitrobenzene-d5	38.5	0	50		0	77	29-80	0			
Surr: Phenol-d6	6.31	0	50		0	12.6	10-35	0			
LCS Sample	D: SLCSW1-194374-19	4374			ι	Jnits: µg/L	•	Analysis	Date: 4/1	1/2022 12	:52 PM
Client ID:	Run II	D: SVMS9	_220411A		Se	q N o: 831 7	7569	Prep Date: 4/8/	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
N-Nitrosodimethylamine	10.36	5.0	20		0	51.8	14-65	0			
Surr: 2,4,6-Tribromophenol		0.0	50		0	90.2	27-83	0			s
Surr: 2-Fluorobiphenyl	35.86	0	50		0	71.7	26-79	0			_
Surr: 2-Fluorophenol	25.11	0	50		0	50.2	13-56	0			
Surr: 4-Terphenyl-d14	41.83	0	50		0	83.7	43-106	0			
Surr: Nitrobenzene-d5	39.29	0	50		0	78.6	29-80	0			
Surr: Phenol-d6	15.87	0	50		0	31.7	10-35	0			
MS Sample	ID: 22040104-09A MS		.,		· L	Jnits: µg/L		Analysis	Date: 4/1	1/2022 02	:26 PM
Client ID:	Run II	D: SVMS9	_220411A		Se	qNo: 831 7	7570	Prep Date: 4/8/	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qua
N-Nitrosodimethylamine	9.391	5.3	21.39		0	43.9	14-65	0			
Surr: 2,4,6-Tribromophenol		0.0	53.48		0	38.2	27-83	0			
Surr: 2-Fluorobiphenyl	42.86	0	53.48		0	80.1	26-79	0			s
Surr: 2-Fluorophenol	2.877	0	53.48		0	5.38	13-56	0			s
Surr: 4-Terphenyl-d14	43	0	53.48		0	80.4	43-106	0			-
Surr: Nitrobenzene-d5	40.84	0	53.48		0	76.4	29-80	0			
Surr: Phenol-d6	1.337	0	53.48		0		10-35	0			s

QC BATCH REPORT

Client:

Republic Industrial and Energy Solutions, LLC

Work Order:

22040132

Project:

F039 Leachate analysis 04.01.2022

Batch ID: 194374 Instru	ment ID SVMS9		Metho	d: SW846	8270)					
MSD Sample ID:	22040104-09A MSD			· · · · · · · · · · · · · · · · · · ·	Uni	s: µg/L		Analysis	Date: 4/11	/2022 02:	49 PM
Client ID:	Run ID	: SVMS9	_220411A		SeqN	o: 831 7	7571	Prep Date: 4/8/2	2022	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	9	&REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
N-Nitrosodimethylamine	10.71	5.3	21.03	(0	51	14-65	9.391	13.2	30	
Surr: 2,4,6-Tribromophenol	51.08	0	52.57	(0	97.2	27-83	20.43	85.7	40	SR
Surr: 2-Fluorobiphenyl	37.4	0	52.57	(0	71.1	26-79	42.86	13.6	40	
Surr: 2-Fluorophenol	26	0	52.57		0	49.5	13-56	2.877	160	40	R
Surr: 4-Terphenyl-d14	45.82	0	52.57	(0	87.2	43-106	43	6.35	40	
Surr: Nitrobenzene-d5	42.35	0	52.57	(0	80.6	29-80	40.84	3.64	40	S
Surr: Phenol-d6	16.57	0	52.57	(0	31.5	10-35	1.337	170	40	R

The following samples were analyzed in this batch:

22040132-01A



Chain of Custody Form

of	
Page 1	

2040132 NWI IC: In mare, sheeped and I in-out subsome. EDSD I least-hite strateging DM (0) 2022.	
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22040132 Proper: 1999 Learthte architect 002020	
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						ALS Pro	ALS Project Manager:	L		=							
	Custo	Customer Information		Proj	Project Information	nation				Param	eter/M	Parameter/Method Request for Analysis	eduest	for A	nalvsis		l
	Purchase Order		Projec	Project Name F	RES0401202	RIES04012022 F039 Leachate	ate	A	Aldrin								
\Box	Work Order		Project Number	Number				60	Hexachlorodibenzo-p-dioxins	orodibe	nzo-p-di	oxins					
\Box	Company Name	Republic Industrial and Energy	y Bill To Company		Republic Ind	Republic Industrial and Energy	ergy	ပ	Nitrosodimethlyamine	Jimethly	ramine						
	Send Report To	Rick Sauve	Invoid	Invoice Attn.				٥	1,2,3,4,6	.7,8,9-(Octachlo	1,2,3,4,6,7,8,9-Octachlor-dibenzofuran	furan				
	Address	28470 Cintrin Dr.	V	Address 2	28470 Cintrin Dr.	n Dr.		Ш	1,2,3,4,6	7,8,9-0	Ctachlo	1,2,3,4,6,7,8,9-Octachloro-dibenzo-p-dioxin	o-p-diox	۽ ا			
				Sealinn				<u> </u>	Tetrachlorodibenzo-p-dioxins	orodibe	nzo-p-di	oxins					
	City/State/Zip	Romulus, MI 48174	City/S	City/State/Zip R	Romulus, MI 48174	48174		IJ									
	Phone	734-784-2708		Phone				I									
	Fax			Fax				<u>-</u>									
	e-Mail Address	e-Mail Address RSauve@republicservices.com						7									
Š.		Sample Description	Date	Time	Matrix	rix Pres. Key	(ey # Bottles		A B	ပ	۵	ш	n G	=	-	7	원
-		March 2022 F039 Leachate analysis	4/1/2022				2		×	×	×	×	×		-	_	-
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San	Sampler(s): Please Print & Sign	rint & Sign	Shipme	Shipment Method:		Turnaround Time: (Business Days)	Time: (Bus	ness Day	(s)		Other			Results	Results Due Date	نۆ	
Z.	Rick Sauve	Mat Sawe				□ 10 BD	№ 5 BD	389		□ 2 BD	ш	☐ 1 BD					
Relin	Relinquished by:	Date:	Тіте:	Received by			Date:	Time:	Notes:	 	-			1			
Rick	Rick Sauve	4/1/2022	2 Q:K/m	<u> </u>	1		11/6	37.8.75		Rocid	= 5	4/1/22 2230	es 27	∠\	と	Z	
T T	Relinguished-by:	Date:	Time:	Received by (Laboratory)	Laboratory):	Č	Date:	7 17me:	10	Cooler	Cooler		QC Package: (Check Box Below)	hec	Box Be	(wo)	
100	-ogged by (Laboratory):	Date:	Date: Time:	Checked by (Laboratory):	aboratory):	\ \			<u>^</u>	c	200		Tobbib	ا د د	Tebel III: Naw Udid	II. Raw	Jara
					•					4	3,5,5		Level IV: SWR46 Methods/CI P like	i6 Metho	s/C P like	evel 1V	
		DES 71612	2 214 2									Other:					
<u>P</u>	Preservative Key: 1-HCI	2-HNO ₃	3-H ₂ SO ₄ 4-NaOH		5-Na ₂ S ₂ O ₃	6-NaHSO4	7-Other		84°C	Ž	te: Any	Note: Any changes must be made in writing once	must be	made	in writin	g once	
Rev	Revision 2 - Effective 11/9/2016					T 6 14 4 0 14	-11			Sa	mples an	samples and COC Form have been submitted to ALS.	orm hay	ve been	submit	ed to A	LS.

Hazardous Substances Limitations and Reporting

RCRA CODE(S)	<u>NAME</u>	LIMIT (mg/ml)	MINIMUM ⁵ MONITORING FREQUENCY	MINIMUM REPORTING FREQUENCY
F039, P004	Aldrin	200	monthly/per load	monthly
U021	Benzidine	200	monthly/per load	monthly
P016,K017	sym-Dichloromethyl ether	160	monthly/per load	monthly
F020,F021, F022,F026, F027,F028, F032,F039, F032,K043, K099	Hexachlorodibenzo-p-dioxins	6	monthly/per load	monthly
K174,K178	Hexachlorodibenzo-p-dioxins, all	6	monthly/per load	monthly
F039,P082	Nitrosodimethylamine	200	monthly/per load	monthly
F039,K174, K178	1,2,3,4,6,7,8,9- Octachloro- dibenzofuran	6	monthly/per load	monthly
F039,K174, K178	1,2,3,4,6,7,8,9- Octachloro- dibenzo-p-dioxin	6	monthly/per load	monthly
F020,F021, F022,F026, F027,F028, F032,F039, F032,K043	Tetrachlorodibenzo-p-dioxins (TCDD)	30	monthly/per load	monthly
K174,K178	Tetrachlorodibenzo-p-dioxins (TCDD)	30	monthly/per load	monthly
P110	Tetraethyl lead	100	monthly/per load	monthly

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

Sample Receipt Checklist

Client Name:	REPULICINDUSTRIAL - ROMU	<u>JLU</u>			Date/Time	Receiv	ed: <u>01-</u> ,	Apr-22	22:30			
Work Order:	<u>22040132</u>				Received b	y:	<u>DS</u>					
Checklist compl	leted by Diane Shaw	02	2-Apr-22 Date	-	Reviewed by:	eSigr	nature				Date	_
Matrices: Carrier name:	<u>Liquid</u> Courier	'								'		
Shipping contain	ner/cooler in good condition?		Yes	V	No 🗌	N	ot Present					
Custody seals in	ntact on shipping container/coole	er?	Yes		No 🗆	N	ot Present	✓				
Custody seals in	ntact on sample bottles?		Yes		No 🗆	N	ot Present	\checkmark				
Chain of custod	y present?		Yes	\checkmark	No 🗌							
Chain of custod	y signed when relinquished and	received?	Yes	V	No 🗌							
Chain of custod	y agrees with sample labels?		Yes	\checkmark	No 🗌							
Samples in prop	per container/bottle?		Yes	~	No 🗌							
Sample contain	ers intact?		Yes	✓	No 🗌							
Sufficient sampl	le volume for indicated test?		Yes	~	No 🗌							
All samples rece	eived within holding time?		Yes	V	No 🗌							
Container/Temp	Blank temperature in compliand	e?	Yes	✓	No 🗌							
Sample(s) recei Temperature(s)	ved on ice? /Thermometer(s):		Yes 3.5/4.5	✓ 5 c	No 🗆		IR3					
Cooler(s)/Kit(s):												
-	ole(s) sent to storage:			22 9:4	14:27 AM							
	als have zero headspace?		Yes		No ∐		A vials sub	mitted	\checkmark			
,	eptable upon receipt?		Yes		No ∐	N/A	V					
pH adjusted? pH adjusted by:			Yes -		No 📙	N/A	V					
Login Notes:												
			=					:				-
Client Contacted	d:	Date Contacted:			Person	Contac	eted:					
Contacted By:		Regarding:										
Comments:												
												
CorrectiveAction	n:											
									SF	RC Pag	e 1 of 1	



Service Request No:E2200281

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

Laboratory Results for: 22040132

Dear Les,

Enclosed are the results of the sample(s) submitted to our laboratory April 05, 2022 For your reference, these analyses have been assigned our service request number **E2200281**.

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

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Corey Grandits
Project Manager



Certificate of Analysis

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

ALS Environmental

Client: Project: **ALS Holland**

22040132

Sample Matrix:

Service Request No.:

E2200281 04/05/22

Date Received:

CASE NARRATIVE

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

Sample Receipt

One sample was received for analysis at ALS Environmental in Houston on 04/05/22.

The sample was received in good condition and is consistent with the accompanying chain of custody form. The sample was stored in a refrigerator at 4°C upon receipt at the laboratory.

Data Validation Notes and Discussion

Precision and Accuracy:

EQ2200137: Laboratory Control Spike/Duplicate Laboratory Control Spike (LCS/DLCS) samples were analyzed and reported in lieu of a MS/MSD for this extraction batch. The LCS and DLCS recoveries are within QC limits.

Method Blanks

The Method Blank EQ2200737-01 contained low levels of target compounds below the Method Reporting Limit (MRL). The associated compounds in the samples are flagged with 'B' flags where the sample result is less than ten times the level detected in the method blank.

K flags

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

2378-TCDF

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

Detection Limits

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

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

- ➤ WHO-2005 TEFs, The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds (M. Van den Berg et al., Toxicological Sciences 93(2):223-241, 2006)
- ≥ 2378-TCDF from the DB-225 column, when confirmation required

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

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

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Service Request: E2200281

SAMPLE CROSS-REFERENCE

SAMPLE#

CLIENT SAMPLE ID

E2200281-001 Mar

March 2022 F039 Leachate

<u>DATE</u>

<u>TIME</u>

4/1/2022

0000

Service Request Summary

1 1000 ml-Glass Bottle NM AMBER Teflon Liner Unpreserved EHRMS-WIC 3C

> ALS Environmental - Holland (MI) Client Name:

Project Name:

E2200281

Folder #:

22040132 Project Number:

Les Arnold Report To:

3352 128th Avenue ALS - Holland

Holland, MI 49424

616-738-7307 NSA

616-836-2964 Phone Number: Cell Number:

616-399-6185 Fax Number:

les.arnold@alsglobal.com E-mail:

Project Chemist: Corey Grandits HOUSTON Originating Lab:

CGRANDITS Logged By:

Pressure Gas: Location:

> 4/15/2022 04/05/22 Internal Due Date: Date Received:

LAB QAP QAP:

HRMS Qualifier Set Lab Standard Formset: Qualifier Set:

Report to MDL?: Merged?:

P.O. Number:

22040132

No EDD Specified

EDD:

HOUST ON Dioxins Furans/1613B Collected

04/01/22 0000

Matrix

March 2022 F039 Leachate

Client Samp No

Lab Samp No.

E2200281-001

6 of 34

Service Request Summary

Project Chemist: Corey Grandits HOUSTON Originating Lab: ALS Environmental - Holland (MI)

E2200281

Folder #:

22040132

Project Name: Client Name:

Project Number:

CGRANDITS Logged By:

04/05/22 Date Received:

HRMS Qualifier Set Qualifier Set:

Lab Standard Formset:

22040132

Pressure Gas:

1 1000 ml-Glass Bottle NM AMBER Teflon Liner Unpreserved EHRMS-WIC 3C

Location:

4/15/2022 Internal Due Date:

LAB QAP QAP:

3352 128th Avenue Holland, MI 49424 USA

616-738-7307 616-836-2964 616-399-6185

Phone Number:

Cell Number: Fax Number:

ALS - Holland

Les Arnold

Report To:

Merged?:

Report to MDL?:

P.O. Number:

No EDD Specified EDD:

les.arnold@alsglobal.com

E-mail:

Data Qualifiers

HRMS Qualifier Set

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

ALS Laboratory Group

Acronyms

Cal Calibration
Conc CONCentration

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

EDL Estimated Detection Limit

EMPC Estimated Maximum Possible Concentration

Flags Data qualifiers

Furan(s) Polychlorinated dibenzofuran(s)

g Grams

ICAL Initial CALibration

ID IDentifier

Ions Masses monitored for the analyte during data acquisition

L Liter (s)

LCS Laboratory Control Sample

DLCS Duplicate Laboratory Control Sample

MB Method Blank

MCL Method Calibration Limit
MDL Method Detection Limit

mL Milliliters

MS Matrix Spiked sample

DMS Duplicate Matrix Spiked sample

NO Number of peaks meeting all identification criteria

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

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

Ratio Ratio of areas from monitored ions for an analyte

% Rec. Percent recovery

RPD Relative Percent Difference RRF Relative Response Factor

RT Retention Time

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

TEF Toxicity Equivalence Factor
TEQ Toxicity Equivalence Quotient



State Certifications, Accreditations, and Licenses

Agency	Number	Expire Date
Arizona Department of Health Services	AZ0793-2022	5/27/2022
California Department of Health Services	2919	4/30/2022
California Department of Health Services	2919-2022	4/30/2022
Florida Department of Health	E87611-34	6/30/2022
Hawaii Department of Health	2021-2022	4/30/2022
Illinois Environmental Protection Agency	2000322021-7	5/9/2022
Kansas Department of Health and Environment	E-10352 2022	7/31/2022
Louisiana Department of Environmental Quality	03087-2021	6/30/2022
Louisiana Department of Environmental Quality	03087-2020	6/30/2022
Louisiana Department of Health and Hospitals	LA028	12/31/2022
Maine Department of Health and Human Services	2020016	6/5/2022
Maryland Department of the Environment	343	6/30/2022
Michigan Depratment of Environmental Quality	9971	4/30/2022
Minnesota Department of Health	2228443	12/31/2022
Nebraska Department of Health and Human Services	NE-OS-25-13	4/30/2022
Nevada Department of Concervation and Natural Resources	TX026932022-1	7/31/2022
New Hampshire Environmental Laboratory Accreditation Program	209421	4/24/2022
New Hampshire Environmental Laboratory Accreditation Program	209419	4/24/2022
New Jersey Department of Environmental Protection	TX008	6/30/2022
New York Department of Health	11707	3/31/2023
Oklahoma Department of Environmental Quality	2021-080	8/31/2022
Pennsylvania Department of Environmental Protection	68-03441-015	6/30/2022
Tennessee Department of Environment and Concervation	04016	4/30/2022
Tennessee Department of Environment and Concervation	04016-2021	4/30/2022
Texas Commision on Environmental Quality	T104704231-21-28	4/30/2022
Texas Commision on Environmental Quality	T104704231-21-27	4/30/2022
United States Department of Agriculture	P330-19-00299	10/10/2022
Utah Department of Health Environmental Laboratory Certification	TX026932021-12	7/31/2022
Washington Department of Health	C819-2022	11/14/2022

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

SR# Unique ID	F2200281	DB-5	MSUI	SPB-Octyl
First	Level - Data Processing	- to be filled by person ge	enerating	the forms
Date:	Analyst:	Samples:		
04/15/22	LKL	001		
Sec	ond Level - Data Review	– to be filled by person d	oing peer	review
Date:	Analyst:	Samples:		
4/15/22	<u> </u>	00	}	



Chain of Custody

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

ALS Environmental - Houston HR 10450 Standiff Rd Subcontractor:

TEL: FAX:

Acct #:

Houston, TX 77099

Suite 210

(713) 266-1599

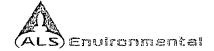
CHAIN-OF-CUSTODY RECORD

03-Apr-22 19343

07-Apr-22 Date: COC ID: Due Date:

	Salesperson	ALSHN Account									
J	Customer Information	-	Project Information	on			Parameter/Method Request for Analysis	hod Request	for Analy	sis	
Purchase Order		Project Name	22040132		A Suf	ocontracted /	A Subcontracted Analyses (SUBCONTRACT)	CONTRACT)			
Work Order		Project Number)er		ω ~.,	るるこ	ナンプラトラスラー	ムくて			
Company Name	ALS Group USA, Corp	Bill To Company	any ALS Group USA, Corp	ЅА, Согр	ပ)			
Send Report To	Les Arnold	Inv Attn	Accounts Payable	yable	۵						
Address	3352 128th Ave	Address	3352 128th Ave	٧c	ш	THE RESIDENCE OF THE PARTY OF T					
				The second secon	u.	And the Commission Commission and the Commission of the Commission					
City/State/Zip	Holland, Michigan 49424	City/State/Zip	Holland, Michigan 49424	nigan 49424	O						
Phone	(616) 399-6070	Phone	0109-666 (919)	70	I	and there is been being the being the beautiful to be a second to the se	4				
Fax	(616) 399-6185	Fax	(616) 399-6185	35	_						
eMail Address	les.amold@alsglobal.com	eMail CC			ſ						
ALS Sample ID	Client Sample ID	Matrix Colle	Collection Date 24hr	Bottle	A	В	<u></u> ပ	п.	9	 	7
22040132-01B	22040132-01B March 2022 F039	Liquid	1/Apr/2022	(1) 1LPNEAT	×					And the second control of the second control	
The second section of the second section of the second section of the second	Leachate analysis	T	A I I La diama a Adria di Barana di Administra di Americana di America	The state of the s						4	

Report/QC Level Std Cooler IDs 4 15 22 14:16. Date/Time Received by: Reckived by: Date/Time Comments: Relinquished by:



Cooler Receipt Form Project Chemist

Project Chemist 44

Client/Project	AL4-11		40-01-1	The	rmometer ID	ात्रभा	
Date/Time Received:	५- ९- <u>२</u> २	lnit	ials: 74 D	ate/Time Logg	ed in: <u>ሣ-ዓ-</u> 22	lni	tials <u>14</u>
Method of delivery: Samples received in:	⊜US Mail ⊘ Cooler ⊝	€ Fed Ex Box ⊜Env	⊖ UPS relope ⊝ Oth	ODHL C	Courier CCli	ent	
Were they signed	they intact? C'Ye	es (No	€N/A	If yes, how mai and where?	e (Sleeves (Other	
5. Foreign or Regulated	Soil? CYes	5 ⊜No	Location of	Sampling:	1997-06-19-19-19-19-19-19-19-19-19-19-19-19-19-		
Cooler Track	ing Number	COCID	Date Opened	Time Opened	Opened By	Temp. °¢	Temp Blank?
9817 7	ኒ 87 ጓኒኒን		4.4.22	1416	14	1.8	
			•				
6. Were custody papers p 7. Did all bottles arrive in 8. Were all sample labels 9. Were appropriate bott 10. Did sample labels and	good condition (not b complete (i.e., sample les/containers and volu	roken, no siç ID, analysis, umes receive	gns of leakage)? preservation, etced and for the reques		RYes C1 RYes C1 RYes C1 RYes C1 RYes C1	10 10	
Notes, Discrepancies, &	Resolutions:						
			Service requ	est Label:			
HS-HRMSCoolerRecei	ot R1.0	AIS Enviro	nmental - Hou	iston HRMS			



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

SAMPLE ACCEPTANCE POLICY

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

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

✓ Intact on outside of cooler, signed and dated

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

The following is required on each COC:

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

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

Sample Integrity (mandatory):

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

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

Temperature Requirement (varies by sample matrix):

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

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



Preparation Information Benchsheets

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

Preparation Information Benchsheet

Prep Run#: 397783
Team: Semivoa GCMS/SHIVANI NAIDU

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

Status: Prepped Prep Date/Time: 4/7/22 15:59

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\neg	Lab Code	Client ID	#	B# Method /Test	Hd.	CI Matrix	Amt. Ext.	Sample Description
1	E2200252-001	FR Bleach Plant	10.	1613B/Dioxins Furans	7	n Water	1976mL	orange cloudy
2	E2200253-001	Final Effluent	10.	1613B/Dioxins Furans	7	n Water	986mL	cloudy
3		Cameo	.01	1613B/Dioxins Furans	7	n Water	1031mL	cloudy
4	E2200258-001	120867M,N	10.	1613B/Dioxins Furans	7	n Wastewater	Jm686	yellow cloudy
5	E2200259-001	1R-SW-PI8/9-022	.01	1613B/Dioxins Furans	7	n Water	970mL	yellow clear
9	E2200259-002	1R-SW-PI8/9-024	10.	1613B/Dioxins Furans	7	n Water	898mL	orange clear
7	E2200259-003	1R-SW-PI8/9-025	10.	1613B/Dioxins Furans	7	n Water	7m886	orange clear
8	E2200259-004	1R-SW-PI8/9-026	10.	1613B/Dioxins Furans	7	n Water	938mL	orange clear
6	E2200259-005	1R-SW-PI8/9-027	10.	1613B/Dioxins Furans	7	n Water	945mL	orange clear
0	10 E2200259-006	1R-SW-PI8/9-028	10.	1613B/Dioxins Furans	7	n Water	894mL	orange clear
11	E2200259-008	1R-SW-SW8-015	10.	1613B/Dioxins Furans	7	n Water	877mL	yellow clear
12	E2200259-009	1R-SW-G2L-012	10.	1613B/Dioxins Furans	7	n Water	885mL	yellow clear
13	E2200259-010	1R-PW-HCSA-001	.01	1613B/Dioxins Furans	7	n Water	920mL	yellow cloudy
14		IR-PW-HCSA-002	.01	1613B/Dioxins Furans	7	n Water	914mL	yellow cloudy
15	E2200263-001	Effluent Tbl II+307 Comp	.02	1613B/Dioxins Furans	7	n Water	982mL	clear
16	E2200264-001	Influent Tbl II+307 Comp	20.	1613B/Dioxins Furans	7	n Water	943mL	black
17	E2200275-003	BP031522+1D Composite	10.	1613B/Dioxin Furans Unadjusted	7	n Wastewater	1000.0mL	yellow cloudy
18	E2200281-001	March 2022 F039 Leachate	.01	1613B/Dioxins Furans	7	n Aqueous Leachate	chate 203mL	green
6	19 EQ2200137-01	MB		1613B/Dioxins Furans	7	n Liquid	1000.0mL	
20	EQ2200137-02	TCS		1613B/Dioxins Furans	7	n Liquid	1000mL	
21	EQ2200137-03	DLCS		1613B/Dioxins Furans	7	n Liquid	1000.0mL	
22	22 K2203327-001	2378 TCDF and 2378 TCDD	.01	1613B/Dioxins Furans	7	n Water	995mL	orange cloudy
23	23 K2203345-009	WC-EB01-03302022	90.	1613B/Dioxins Furans	7	n Water	1008mL	clear
١			١		۱		The state of the s	

Spiking Solutions

Name: 8290/	/1613B Cleanup	8290/1613B Cleanup Working Standard	_	Inventory ID 222353	353	Logbook Ref: tw 04/04/22 222353	v 04/04/22 22235.	3		Expires On: 08/0	08/04/2022
E2200252-001 100.00μL	100.00µL	E2200253-001	100.00L	E2200254-001	100.00µL	E2200258-001	100.00µL	E2200259-001	100.001	E2200259-002	100.00µL
E2200259-003	100.00µL	E2200259-004	100.00µL	E2200259-005	100.00µL	E2200259-006	100.00µL	E2200259-008	100.001		100.00µL
E2200259-010	100.00µL	E2200259-011	100.00µL	E2200263-001	100.00µL	E2200264-001	100.00µL	E2200275-003	100.00µL	E2200281-001	100.00µL
EQ2200137-01	100.00µL	EQ2200137-01	100.00µL	EQ2200137-02	100.00µL	EQ2200137-02		EQ2200137-03	100.00µL	EQ2200137-03	100.00µL
K2203327-001	100.00µL	K2203345-009	100.00µL							,	-
Name: 1613]	Name: 1613B Matrix Working Standard	ng Standard		Inventory ID 222412	412	Logbook Ref: SN 4/6/22	N 4/6/22			Expires On: 10/0	10/03/2022

Printed 4/15/22 11:49

ΕQ2200137-02 100.00μL

EQ2200137-03 100.00μL 17 of 34 Preparation Information Benchsheet

ЕQ2200137-03 100.00µL

ЕQ2200137-02 100.00µL

Page 1

Preparation Information Benchsheet

Prep Run#: 397783
Team: Semivoa GCMS/SHIVANI NAIDU

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

oos) p Funnel/Jar Prep I

Status: Prepped Prep Date/Time: 4/7/22 15:59

				The state of the s							
Name: 1	Name: 1613B Labeled Working Standard	orking Standard	Iı	Inventory ID 222433	133	Logbook Ref: SN 4/7/22	N 4/7/22			Expires On: 06/18/2022	8/2022
E2200252-001 E2200259-003	01 1,000.00μL 03 1,000.00μL	E2200253-001 E2200259-004	1,000.00µL 1,000.00µL	E2200254-001 E2200259-005	1,000.00µL 1,000.00µL	E2200258-001 E2200259-006	1,000.00µL 1,000.00µL	L E2200259-001 L E2200259-008	1,000.00µL 1,000.00µL	E2200259-002 E2200259-009	1,000.00µL 1,000.00µL
E2200259-010	10 1,000.00μL	E2200259-011		E2200263-001	1,000.00μL	E2200264-001	1,000.00µL		1,000.00µL	E2200281-001	1,000.00μL
EQ2200137-01 K2203327-001	EQ2200137-01 1,000.00μL K2203327-001 1.000.00μL	EQ2200137-01 1,000.00µL K2203345-009 1.000.00µL	1,000.00µL	EQ2200137-02	1,000.00μL	EQ2200137-02	1,000.00µL	L EQ2200137-03	1,000.00μL	EQ2200137-03	1,000.00µL
Dronorotion	n Motoriole										
i reparatio	i reparacioni materiais										
Carbon, High Purity	Purity	SN 3/14/2022 (222081)	31)	Ethyl Acetate 99.9% Minimum EfOAc	% Minimum	SN 12/16/21 (220923)	_	Glass Wool		tw 7/8/21 glass wool (218851)	18851)
Hexanes 95%		tw 12/30/21 (221138)		Dichloromethane (Methylene	Methylene	SN 3/24/2022 (222245)	3)	Sodium Hydroxide 1N NaOH	1N NaOH	tw 08/10/21 (218694)	
Tridecane (n-Tridecane)	ridecane)	tridecane (218692)		Silica Gel		tw 3/3/22 silica gel (222195)	22195)	sulfuric acid		8/12/21 tw (218912)	
Toluene 99.9% Minimum	6 Minimum	SN 12/23/21 (221021)	(1	ColorpHast pH-Indicator Strips	licator Strips	pH-Indicator strips (217936)	(1936)	Chlorine Test Strips	S	chlorine test strips (206954)	954)
Sodium Sulfate Anhydrous Reagent Grade Na2SO4	e Anhydrous Na2SO4	tw 04/12/21 (217292)									
Preparation Steps	n Steps			٠							
Step: E3	Extraction	Step:	Acid Clean	Step:	Silica Gel Clean		Step: I	Final Volume			
Started: 4/	4/7/22 15:59	Started:	4/11/22 10:00	Started:	4/11/22 11:00		Started: 4	4/11/22 14:00			
Finished: 4/	4/8/22 16:46	Finished:	4/11/22 11:00	Finished	d: 4/11/22 14:00		Finished: 4	4/11/22 17:00			
By: SI	SHIVANI NAIDU	By:	SHIVANI NAIDU	JU By:	SHIVANI NAIDU		By:	SHIVANI NAIDU			
Comments		Comments		Comments	nts	ŭ	Comments				

Extracts Examined 4/11/22 Date: Date: SN Relinquished By: Chain of Custody Reviewed By:

Yes

Date:

Preparation Information Benchsheet

Printed 4/15/22 11:49

Received By:

Comments:

Page 2



Analytical Results

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

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Date Collected: 04/01/22 00:00

Service Request: E2200281

Sample Matrix:

Aqueous Leachate

Date Received: 04/05/22 14:16

Sample Name: Lab Code:

March 2022 F039 Leachate

E2200281-001

Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/13/22 05:08

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

203mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

P537355

Blank File Name: P537325

ICAL Date:

01/18/22

Cal Ver. File Name: P537350

4 . T N		~~~		Ion		Dilution
Analyte Name	Result Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	7.24 JK	5.00	24.6	0.34	1.001	1
1,2,3,7,8-PeCDD	19. 8JK	2.90	123	1.18	1.000	1
1,2,3,4,7,8-HxCDD	9.82 JK	3.11	123	1.49	1.000	1
1,2,3,6,7,8-HxCDD	27.4 JK	3.47	123	0.77	1.000	1
1,2,3,7,8,9-HxCDD	15. 7J	3.29	123	1.26	1.007	1
1,2,3,4,6,7,8-HpCDD	282	9.35	123	0.99	1.000	1
OCDD	3590	12.5	246	0.89	1.000	1
2,3,7,8-TCDF	40.5 K	5.12	24.6	0.49	1.001	1
1,2,3,7,8-PeCDF	491	9.74	123	1.64	1.001	1
2,3,4,7,8-PeCDF	364	9.32	123	1.46	1.000	1
1,2,3,4,7,8-HxCDF	4830	74.2	123	1.16	1.000	1
1,2,3,6,7,8-HxCDF	1530	82.3	123	1.18	1.000	1
1,2,3,7,8,9-HxCDF	102 JK	87.9	123	1.51	1.001	1
2,3,4,6,7,8-HxCDF	393	76.8	123	1.27	1.000	1
1,2,3,4,6,7,8-HpCDF	38500	8.20	123	1.00	1.000	1
1,2,3,4,7,8,9-HpCDF	705	9.51	123	1.03	1.000	1
OCDF	58200	53.7	246	0.86	1.005	1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200281

Project:

22040132

Date Collected: 04/01/22 00:00

Sample Matrix:

Aqueous Leachate

Date Received: 04/05/22 14:16

Sample Name:

March 2022 F039 Leachate

Units: pg/L

Lab Code:

E2200281-001

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/13/22 05:08

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

203mL

Instrument Name: E-HRMS-07

203111

GC Column: DB-5MSUI

P537355

GC Column: DB-5MSUI Blank File Name: P537325

Data File Name: ICAL Date:

01/18/22

Cal Ver. File Name: P537350

Analyte Name	Result Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total Tetra-Dioxins	89.8	5.00	24.6	0.76		1
Total Penta-Dioxins	47.1 J	2.90	123	1.51		1
Total Hexa-Dioxins	106 J	3.29	123	1.06		1
Total Hepta-Dioxins	597	9.35	123	1.18		1
Total Tetra-Furans	2320	5.12	24.6	0.74		1
Total Penta-Furans	5040	3.09	123	1.53		1
Total Hexa-Furans	14500	80.2	123	1.13		1
Total Hepta-Furans	41700	8.83	123	1.00		1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Service Request: E2200281

Date Collected: 04/01/22 00:00

Sample Matrix:

Aqueous Leachate

Date Received: 04/05/22 14:16

Basis: NA

Sample Name: Lab Code:

March 2022 F039 Leachate

E2200281-001

Units: Percent

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/13/22 05:08

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Instrument Name: E-HRMS-07

Sample Amount:

203mL

Blank File Name: P537325

GC Column: DB-5MSUI

Data File Name: ICAL Date:

P537355 01/18/22

Cal Ver. File Name: P537350

Labeled Standard Results

	Spike	Conc.			Control	Ion	
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	1077.000	54		25-164	0.76	1.020
13C-1,2,3,7,8-PeCDD	2000	1253.337	63		25-181	1.64	1.177
13C-1,2,3,4,7,8-HxCDD	2000	1383.310	69		32-141	1.30	0.991
13C-1,2,3,6,7,8-HxCDD	2000	1225.369	61		28-130	1.28	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	1171.452	59		23-140	1.07	1.066
13C-OCDD	4000	1925.839	48		17-157	0.90	1.141
13C-2,3,7,8-TCDF	2000	1091.655	55		24-169	0.79	0.994
13C-1,2,3,7,8-PeCDF	2000	1318.940	66		24-185	1.54	1.136
13C-2,3,4,7,8-PeCDF	2000	1340.058	67		21-178	1.56	1.168
13C-1,2,3,4,7,8-HxCDF	2000	1303.030	65		26-152	0.50	0.972
13C-1,2,3,6,7,8-HxCDF	2000	1088.667	54		26-123	0.51	0.974
13C-1,2,3,7,8,9-HxCDF	2000	1336.963	67		29-147	0.52	1.008
13C-2,3,4,6,7,8-HxCDF	2000	1273.150	64		28-136	0.51	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	1084.276	54		28-143	0.44	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	1192.803	60		26-138	0.43	1.079
37Cl-2,3,7,8-TCDD	800	493.062	62		35-197	NA	1.020

Analytical Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Service Request: E2200281 **Date Collected:** 04/01/22 00:00

Sample Matrix: Aqueou

Aqueous Leachate

Date Received: 04/05/22 14:16

Sample Name:

Lab Code:

March 2022 F039 Leachate

E2200281-001

Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Prep Method:

Method Sep Funnel/Jar

Toxicity Equivalency Quotient

				Dilution		TEF - Adjusted
Analyte Name	Result	DL	MRL	Factor	TEF	Concentration
2,3,7,8-TCDD	7.24	5.00	24.6	1	1	7.24
1,2,3,7,8-PeCDD	19.8	2.90	123	1	1	19.8
1,2,3,4,7,8-HxCDD	9.82	3.11	123	1	0.1	0.982
1,2,3,6,7,8-HxCDD	27.4	3.47	123	1	0.1	2.74
1,2,3,7,8,9-HxCDD	15.7	3.29	123	1	0.1	1.57
1,2,3,4,6,7,8-HpCDD	282	9.35	123	1	0.01	2.82
OCDD	3590	12.5	246	1	0.0003	1.08
2,3,7,8-TCDF	40.5	5.12	24.6	1	0.1	4.05
1,2,3,7,8-PeCDF	491	9.74	123	1	0.03	14.7
2,3,4,7,8-PeCDF	364	9.32	123	1	0.3	109
1,2,3,4,7,8-HxCDF	4830	74.2	123	1	0.1	483
1,2,3,6,7,8-HxCDF	1530	82.3	123	1	0.1	153
1,2,3,7,8,9-HxCDF	102	87.9	123	1	0.1	10.2
2,3,4,6,7,8-HxCDF	393	76.8	123	1	0.1	39.3
1,2,3,4,6,7,8-HpCDF	38500	8.20	123	1	0.01	385
1,2,3,4,7,8,9-HpCDF	705	9.51	123	1	0.01	7.05
OCDF	58200	53.7	246	1	0.0003	17.5
	To	otal TEQ				1260

2005 WHO TEFs, ND = 0

Analytical Report

Client: ALS Environmental - Holland (MI) Service Request: E2200281

Project:22040132Date Collected:NASample Matrix:Aqueous LeachateDate Received:NA

Sample Name:Method BlankUnits: pg/LLab Code:EQ2200137-01Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method: 1613B Date Analyzed: 04/11/22 19:00

Prep Method: Method Sep Funnel/Jar Date Extracted: 4/7/22

Sample Amount: 1000.0mL Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:P537325ICAL Date:01/18/22Blank File Name:P537325Cal Ver. File Name:P537322

				Ion		Dilution
Analyte Name	Result Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	ND U	2.69	5.00			1
1,2,3,7,8-PeCDD	ND U	1.01	25.0			1
1,2,3,4,7,8-HxCDD	ND U	1.02	25.0			1
1,2,3,6,7,8-HxCDD	ND U	1.05	25.0			1
1,2,3,7,8,9-HxCDD	ND U	1.04	25.0			1
1,2,3,4,6,7,8-HpCDD	3.04 JK	1.11	25.0	0.75	1.000	1
OCDD	18.3 J	1.31	50.0	0.82	1.001	1
2,3,7,8-TCDF	ND U	2.23	5.00			1
1,2,3,7,8-PeCDF	ND U	1.04	25.0			1
2,3,4,7,8-PeCDF	ND U	0.974	25.0			1
1,2,3,4,7,8-HxCDF	1.40 J	0.461	25.0	1.09	1.000	1
1,2,3,6,7,8-HxCDF	ND U	0.500	25.0			1
1,2,3,7,8,9-HxCDF	0.967 J	0.577	25.0	1.42	1.000	1
2,3,4,6,7,8-HxCDF	ND U	0.491	25.0			1
1,2,3,4,6,7,8-HpCDF	2.31 JK	0.553	25.0	0.74	1.000	1
1,2,3,4,7,8,9-HpCDF	ND U	0.676	25.0			1
OCDF	24.0 JK	1.62	50.0	0.75	1.005	1

Analytical Report

Client:

Lab Code:

ALS Environmental - Holland (MI)

Project: 22040132

Sample Matrix:

Aqueous Leachate

Sample Name:

Method Blank EQ2200137-01 Service Request: E2200281

Date Collected: NA Date Received: NA

> Units: pg/L Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/11/22 19:00

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000.0mL

Instrument Name: E-HRMS-07

Blank File Name: P537325

GC Column: DB-5MSUI

Data File Name: **ICAL Date:**

P537325 01/18/22

Cal Ver. File Name: P537322

Analyte Name	Result	Q	EDL	MRL	Ion Ratio	RRT	Dilution Factor
Total Tetra-Dioxins	ND	U	2.69	5.00			1
Total Penta-Dioxins	ND	\mathbf{U}	1.01	25.0			1
Total Hexa-Dioxins	ND	U	1.04	25.0			1
Total Hepta-Dioxins	ND	U	1.11	25.0	•		1
Total Tetra-Furans	ND	U	2.23	5.00			1
Total Penta-Furans	ND	U	1.01	25.0			1
Total Hexa-Furans	2.36 J		0.505	25.0	1.09		1
Total Hepta-Furans	ND	U	0.611	25.0			1

Analytical Report

Client: Project: ALS Environmental - Holland (MI)

22040132

Sample Matrix: Aqueous Leachate Service Request: E2200281

Date Collected: NA

Date Received: NA

Sample Name: Lab Code:

Method Blank EQ2200137-01

Units: Percent Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/11/22 19:00

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000.0mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

ICAL Date:

P537325

Blank File Name: P537325

Cal Ver. File Name: P537322

01/18/22

Labeled Standard Results

	Spike	Conc.			Control	Ion	
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	933.912	47		25-164	0.79	1.019
13C-1,2,3,7,8-PeCDD	2000	999.641	50		25-181	1.61	1.176
13C-1,2,3,4,7,8-HxCDD	2000	1081.782	54		32-141	1.30	0.992
13C-1,2,3,6,7,8-HxCDD	2000	1021.399	51		28-130	1.30	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	875.899	44		23-140	1.07	1.066
13C-OCDD	4000	1420.608	36		17-157	0.92	1.141
13C-2,3,7,8-TCDF	2000	994.281	50		24-169	0.80	0.994
13C-1,2,3,7,8-PeCDF	2000	1079.527	54		24-185	1.57	1.136
13C-2,3,4,7,8-PeCDF	2000	1108.493	55		21-178	1.61	1.167
13C-1,2,3,4,7,8-HxCDF	2000	1031.958	52		26-152	0.51	0.972
13C-1,2,3,6,7,8-HxCDF	2000	913.896	46		26-123	0.50	0.975
13C-1,2,3,7,8,9-HxCDF	2000	1014.831	51		29-147	0.50	1.009
13C-2,3,4,6,7,8-HxCDF	2000	1041.445	52		28-136	0.51	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	806.700	40		28-143	0.43	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	845.577	42		26-138	0.43	1.079
37Cl-2,3,7,8-TCDD	800	439.012	55		35-197	NA	1.020



Accuracy & Precision

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

QA/QC Report

Client:

ALS Environmental - Holland (MI)

Project:

22040132

Sample Matrix:

Aqueous Leachate

Service Request:

E2200281

Date Analyzed:

04/12/22

Date Extracted:

04/07/22

Duplicate Lab Control Sample Summary

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

Prep Method:

1613B

Method Sep Funnel/Jar

Units:

pg/L NA

Basis:
Analysis Lot:

760553

Lab Control Sample EQ2200137-02

Duplicate Lab Control Sample EQ2200137-03

							% Rec		
Analyte Name	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	Limits	RPD	RPD Limit
1,2,3,4,6,7,8-HpCDD	1070	1000	107	1060	1000	106	70-140	2	50
1,2,3,4,7,8-HxCDD	949	1000	95	966	1000	97	70-164	2	50
1,2,3,6,7,8-HxCDD	1000	1000	100	1010	1000	101	76-134	<1	50
1,2,3,7,8,9-HxCDD	1050	1000	105	1120	1000	112	64-162	7	50
1,2,3,7,8-PeCDD	1050	1000	105	1080	1000	108	70-142	3	50
2,3,7,8-TCDD	191	200	96	192	200	96	67-158	<1	50
OCDD	2130	2000	107	2150	2000	107	78-144	<1	50
1,2,3,4,6,7,8-HpCDF	1060	1000	106	1100	1000	110	82-122	3	50
1,2,3,4,7,8,9-HpCDF	1020	1000	102	1030	1000	103	78-138	1	50
1,2,3,4,7,8-HxCDF	879	1000	88	886	1000	89	72-134	<1	50
1,2,3,6,7,8-HxCDF	975	1000	97	1000	1000	100	84-130	3	50
1,2,3,7,8,9-HxCDF	921	1000	92	906	1000	91	78-130	2	50
1,2,3,7,8-PeCDF	939	1000	94	946	1000	95	80-134	<1	50
2,3,4,6,7,8-HxCDF	918	1000	92	896	1000	90	70-156	3	50
2,3,4,7,8-PeCDF	927	1000	93	941	1000	94	68-160	2	50
2,3,7,8-TCDF	181	200	90	187	200	93	75-158	3	50
OCDF	2180	2000	109	2200	2000	110	63-170	1	50

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200281

Project:

22040132

Date Collected: NA

Sample Matrix:

Aqueous Leachate

Date Received: NA

Sample Name:

Lab Control Sample

Units: pg/L Basis: NA

Lab Code:

EQ2200137-02

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/12/22 23:14

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

P537348

Blank File Name: P537325

Data File Name: ICAL Date:

01/18/22

Cal Ver. File Name: P537337

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	191		2.73	5.00	0.79	1.001	1
1,2,3,7,8-PeCDD	1050		1.19	25.0	1.64	1.000	1
1,2,3,4,7,8-HxCDD	949		0.695	25.0	1.24	1.000	1
1,2,3,6,7,8-HxCDD	1000		0.723	25.0	1.29	1.000	1
1,2,3,7,8,9-HxCDD	1050		0.710	25.0	1.24	1.007	1
1,2,3,4,6,7,8-HpCDD	1070		0.957	25.0	1.05	1.000	1
OCDD	2130		2.83	50.0	0.91	1.000	1
2,3,7,8-TCDF	181		1.89	5.00	0.70	1.001	1
1,2,3,7,8-PeCDF	939		1.72	25.0	1.49	1.000	1
2,3,4,7,8-PeCDF	927		1.69	25.0	1.50	1.000	1
1,2,3,4,7,8-HxCDF	879		0.333	25.0	1.19	1.000	1
1,2,3,6,7,8-HxCDF	975		0.373	25.0	1.15	1.000	1
1,2,3,7,8,9-HxCDF	921		0.390	25.0	1.20	1.000	1
2,3,4,6,7,8-HxCDF	918		0.351	25.0	1.14	1.000	1
1,2,3,4,6,7,8-HpCDF	1060		1.25	25.0	1.03	1.000	1
1,2,3,4,7,8,9-HpCDF	1020		1.66	25.0	1.02	1.000	1
OCDF	2180		1.62	50.0	0.87	1.005	1

Analytical Report

Client:

ALS Environmental - Holland (MI)

Service Request: E2200281

Project:

22040132

Date Collected: NA Date Received: NA

Sample Matrix:

Aqueous Leachate

Units: pg/L

Sample Name:

Lab Control Sample

Lab Code:

EQ2200137-02

Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/12/22 23:14

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000mL

Instrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name:

P537348

Blank File Name: P537325

ICAL Date:

01/18/22

Cal Ver. File Name: P537337

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
Total Tetra-Dioxins	191		2.73	5.00	0.79		1
Total Penta-Dioxins	1050		1.19	25.0	1.64		1
Total Hexa-Dioxins	3000		0.709	25.0	1.24		1
Total Hepta-Dioxins	1070		0.957	25.0	1.05		1
Total Tetra-Furans	181		1.89	5.00	0.70		1
Total Penta-Furans	1870		1.70	25.0	1.49		1
Total Hexa-Furans	3690		0.362	25.0	1.19		1
Total Hepta-Furans	1020		1.64	25.0	1.02		1

Analytical Report

Client: ALS Environmental - Holland (MI)

Project: 22040132
Sample Matrix: Aqueous Leachat

22040132 Date Collected: NA
Aqueous Leachate Date Received: NA

Sample Name:Lab Control SampleUnits: PercentLab Code:EQ2200137-02Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method: 1613B Date Analyzed: 04/12/22 23:14

Prep Method: Method Sep Funnel/Jar Date Extracted: 4/7/22

Sample Amount: 1000mL Instrument Name: E-HRMS-07

Data File Name: P537348 GC Column: DB-5MSUI Blank File Name: P537325

ICAL Date: 01/18/22 Cal Ver. File Name: P537337

Labeled Standard Results

	Spike	Conc.			Control	Ion	
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	917.360	46		25-164	0.79	1.020
13C-1,2,3,7,8-PeCDD	2000	996.464	50		25-181	1.61	1.176
13C-1,2,3,4,7,8-HxCDD	2000	1272.402	64		32-141	1.30	0.991
13C-1,2,3,6,7,8-HxCDD	2000	1180.915	59		28-130	1.29	0.994
13C-1,2,3,4,6,7,8-HpCDD	2000	1161.011	58		23-140	1.07	1.066
13C-OCDD	4000	2189.843	55		17-157	0.90	1.141
13C-2,3,7,8-TCDF	2000	958.213	48		24-169	0.80	0.994
13C-1,2,3,7,8-PeCDF	2000	1059.730	53		24-185	1.60	1.136
13C-2,3,4,7,8-PeCDF	2000	1080.940	54		21-178	1.57	1.168
13C-1,2,3,4,7,8-HxCDF	2000	1222.993	61		26-152	0.51	0.972
13C-1,2,3,6,7,8-HxCDF	2000	1027.091	51		26-123	0.50	0.975
13C-1,2,3,7,8,9-HxCDF	2000	1262.404	63		29-147	0.49	1.009
13C-2,3,4,6,7,8-HxCDF	2000	1186.778	59		28-136	0.49	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	1159.818	58		28-143	0.42	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	1143.240	57		26-138	0.44	1.079
37Cl-2,3,7,8-TCDD	800	487.628	61		35-197	NA	1.020

Service Request: E2200281

Analytical Report

Client: ALS Environmental - Holland (MI) Service Request: E2200281

Project:22040132Date Collected:NASample Matrix:Aqueous LeachateDate Received:NA

Sample Name:Duplicate Lab Control SampleUnits: pg/LLab Code:EQ2200137-03Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method: 1613B Date Analyzed: 04/12/22 04:01

Prep Method:Method Sep Funnel/JarDate Extracted:4/7/22Sample Amount:1000.0mLInstrument Name:E-HRMS-07

GC Column: DB-5MSUI

Data File Name:P537336Blank File Name:P537325ICAL Date:01/18/22Cal Ver. File Name:P537322

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
2,3,7,8-TCDD	192		2.93	5.00	0.75	1.001	1
1,2,3,7,8-PeCDD	1080		0.691	25.0	1.59	1.000	1
1,2,3,4,7,8-HxCDD	966		1.08	25.0	1.22	1.000	1
1,2,3,6,7,8-HxCDD	1010		1.17	25.0	1.23	1.000	1
1,2,3,7,8,9-HxCDD	1120		1.13	25.0	1.24	1.007	1
1,2,3,4,6,7,8-HpCDD	1060		1.38	25.0	1.08	1.000	1
OCDD	2150		5.80	50.0	0.88	1.000	1
2,3,7,8-TCDF	187		1.55	5.00	0.73	1.001	1
1,2,3,7,8-PeCDF	946		2.09	25.0	1.51	1.001	1
2,3,4,7,8-PeCDF	941		1.89	25.0	1.45	1.000	1
1,2,3,4,7,8-HxCDF	886		0.649	25.0	1.21	1.000	1
1,2,3,6,7,8-HxCDF	1000		0.691	25.0	1.14	1.000	1
1,2,3,7,8,9-HxCDF	906		0.667	25.0	1.16	1.000	1
2,3,4,6,7,8-HxCDF	896		0.626	25.0	1.22	1.000	1
1,2,3,4,6,7,8-HpCDF	1100		1.34	25.0	1.01	1.000	1
1,2,3,4,7,8,9-HpCDF	1030		1.79	25.0	1.00	1.000	1
OCDF	2200		3.94	50.0	0.87	1.005	1

Analytical Report

Client: ALS Environmental - Holland (MI)

22040132 Project: Date Collected: NA

Sample Matrix: Aqueous Leachate Date Received: NA

Sample Name: **Duplicate Lab Control Sample** Units: pg/L EQ2200137-03 Lab Code: Basis: NA

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method: 1613B **Date Analyzed:** 04/12/22 04:01

Prep Method: Method Sep Funnel/Jar Date Extracted: 4/7/22 Sample Amount: 1000.0 mLInstrument Name: E-HRMS-07

GC Column: DB-5MSUI

Data File Name: P537336 Blank File Name: P537325 **ICAL Date:** 01/18/22 Cal Ver. File Name: P537322

Native Analyte Results

					Ion		Dilution
Analyte Name	Result	Q	EDL	MRL	Ratio	RRT	Factor
Total Tetra-Dioxins	192		2.93	5.00	0.75		1
Total Penta-Dioxins	1080		0.691	25.0	1.59		1
Total Hexa-Dioxins	3090		1.13	25.0	1.22		1
Total Hepta-Dioxins	1060		1.38	25.0	1.08		1
Total Tetra-Furans	187		1.55	5.00	0.73		1
Total Penta-Furans	1900		1.99	25.0	1.51		1
Total Hexa-Furans	3690		0.658	25.0	1.21		1
Total Hepta-Furans	2130		1.54	25.0	1.01		1

Service Request: E2200281

Analytical Report

Client: ALS Environmental - Holland (MI)

Project: 22040132

Service Request: E2200281

Date Collected: NA

Sample Matrix:

Aqueous Leachate

Date Received: NA

Sample Name:

Duplicate Lab Control Sample

Units: Percent
Basis: NA

Lab Code:

EQ2200137-03

Polychlorinated Dibenzodioxins and Polychlorinated Dibenzofurans by HRGC/HRMS

Analysis Method:

1613B

Date Analyzed: 04/12/22 04:01

Prep Method:

Method Sep Funnel/Jar

Date Extracted: 4/7/22

Sample Amount:

1000.0mL

Instrument Name: E-HRMS-07

: 1000.0m

GC Column: DB-5MSUI

Data File Name:

P537336

Blank File Name: P537325

ICAL Date:

01/18/22

Cal Ver. File Name: P537322

Labeled Standard Results

	Spike	Conc.	0.4 75		Control	Ion	72.77
Labeled Compounds	Conc.(pg)	Found (pg)	% Rec	Q	Limits	Ratio	RRT
13C-2,3,7,8-TCDD	2000	944.679	47		25-164	0.78	1.019
13C-1,2,3,7,8-PeCDD	2000	1076.898	54		25-181	1.59	1.176
13C-1,2,3,4,7,8-HxCDD	2000	1236.496	62		32-141	1.34	0.991
13C-1,2,3,6,7,8-HxCDD	2000	1099.241	55		28-130	1.34	0.993
13C-1,2,3,4,6,7,8-HpCDD	2000	1167.860	58		23-140	1.08	1.065
13C-OCDD	4000	2216.067	55		17-157	0.90	1.141
13C-2,3,7,8-TCDF	2000	981.987	49		24-169	0.79	0.994
13C-1,2,3,7,8-PeCDF	2000	1142.601	57		24-185	1.60	1.136
13C-2,3,4,7,8-PeCDF	2000	1199.190	60		21-178	1.59	1.167
13C-1,2,3,4,7,8-HxCDF	2000	1130.538	57		26-152	0.50	0.972
13C-1,2,3,6,7,8-HxCDF	2000	983.871	49		26-123	0.50	0.974
13C-1,2,3,7,8,9-HxCDF	2000	1299.589	65		29-147	0.49	1.008
13C-2,3,4,6,7,8-HxCDF	2000	1171.974	59		28-136	0.50	0.988
13C-1,2,3,4,6,7,8-HpCDF	2000	1187.869	59		28-143	0.43	1.041
13C-1,2,3,4,7,8,9-HpCDF	2000	1142.121	57		26-138	0.44	1.079
37Cl-2,3,7,8-TCDD	800	503.315	63		35-197	NA	1.020



SERVICES .	J	public S 18500 N. Allied Way, Ph		
		TE DEPARTME		
	Waste Profile # 6440222513	Ex	piration Date 1/2023	
I. Decision Request:	☑ Initial (Recertification	☐ Change	
Disposal Facility: 6440 - Detroit Industrial	Well			
Generator Name: TIMET CORPORATION				
Generator Site Address: 100 TITANIUM V	VAY			
City: TORONTO	County:		ate: OH	Zip:
Name of Waste: SPENT HF/NITRIC ACID		ELL		
Estimated Annual Volume: 600,000 Gallo	ns			
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com	mittee?	Yes No Not App	ons on Approval	
The site must ensure that all pre-acception to acceptance and disposal of the	ptance and verification profiled waste.	n analytical is perforr	med in accordance with	the site's permit requirements

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

General Manager or Designee:

Date: 3/1/2022

Name (Printed): _

SENERATOR INFOR		USEPA	ID# OHD0098435134	
acility Address: 100	Titanium Way		ICS Code: State Code: 3356/ 3357, 33	1491
ity: Toronto a		Stata: C	,	
ontact: Patrick Map	le <u>Title; EHS</u>			
ILLING INFORMATI	ON	SAME AS ABOVE		**-
	age Thermal Services	······································		
ddress: 1250 Sair	nt George St.			
ity: East Liverpool		State: C	H Zip Code: 43920	
tention: Patty Vanti	llburg Title: Billing	Phone: (***) 385-7		
ASTE INFORMATIO				
	mmon Chemical Name: 2id Solutions Deep Well			
	aste (Please be specific, incom	plete information may delay the	approval process):	
HF/ Nitric Pickling Li	nes			
This waste is conside	ered to be: 🗀 Non Haz	ardous Liquid Industria) Waste	☑ Hazardous Waste	
This waste is conside Regulated by TSCA?		ardous Liquid Industrial Waste	☑ Hazardous Waste	
This waste is conside Regulated by TSCA? List ALL Applicable V	ered to be: Si Non Haz	ardous Liquid Industria) Waste	☑ Hazardous Waste	
This waste is conside Regulated by TSCA? List ALL Applicable V	ored to be: I Non Haz TYES 54No (PCBs, etc.) Vaste Codes: D002, D007, D008	ardous Liquid Industrial Waste Layers:	Hazardous Waste Specific Gravity:	
This waste is conside Regulated by TSCA? List ALL Applicable W HYSICAL CHARACT Color:	Pred to be: Short Haze Short (PCBs, etc.) Vaste Codes: D002, D007, D008 ERISTICS OF WASTE Suspended Solids D 0-1 % D 3-5 %			
This waste is conside Regulated by TSCA? List ALL Applicable W HYSICAL CHARACT Color: D White/Clear D Black/Brown	red to be: I Non Haz I Yes Ino (PCBs, etc.) Vaste Codes; D002, D007, D008 ERISTICS OF WASTE Suspended Solids	Layers:	Specific Gravity:	
This waste is conside Regulated by TSCA? List ALL Applicable W HYSICAL CHARACT Color: White/Clear D Black/Brown G Other	Pred to be: Non Haz OYes SiNo (PCBs, etc.) Vaste Codes: D002, D007, D008 ERISTICS OF WASTE Suspended Solids O 0-1 % O 3-5 % O 1-3 % O > 5%	Layers: Multi layered Bi-Layered Single Phase	Specific Gravity: □ <0.8	
This waste is conside Regulated by TSCA? List ALL Applicable W HYSICAL CHARACT Color: White/Clear Black/Brown Other H: □NA ☑ < 2 0	Pred to be: Non Haz OYes Sino (PCBs, etc.) Vaste Codes: D002, D607, D008 ERISTICS OF WASTE Suspended Solids 0-1 % 0-3-5 % 1-3-% 0 > 5%	Layers: Multi layered Bi-Layered Single Phase 6 — 8 — 8 — 8 – 10 —	Specific Gravity: <0.8	
This waste is conside Regulated by TSCA? List ALL Applicable W HYSICAL CHARACT Color: White/Clear Black/Brown Cother Color: NA W < 2 C	Pred to be:	Layers:	Specific Gravity: 0 <0.8	Sup Ci Open C
This waste is consider Regulated by TSCA? List ALL Applicable WHYSICAL CHARACT Color: White/Clear Black/Brown Cother Color: NA Cother Cother Cother Cother Cother Cother	Pred to be:	Layers: Multi layered Bi-Layered Single Phase 6 — 8 — 8 — 8 – 10 —	Specific Gravity: 0 <0.8	Sup (Open C
This waste is conside Regulated by TSCA? List ALL Applicable W HYSICAL GHARACT Color: White/Clear Black/Brown Other H: □NA ☑ < 2 (quid Flash Poin DC CONCENTRATION	Pred to be:	Layers:	Specific Gravity: 0 <0.8	Sup Ci Open C
This waste is consider Regulated by TSCA? List ALL Applicable WHYSICAL CHARACT Color: White/Clear Black/Brown Cher CONCENTRATION CONCENTRATION COMPOSITION	Pred to be:	Layers: Multi layered Bi-Layered Single Phase 6 — 8 8-10 101—140°F 141—200 PPM (MUST BE COMPLETE OR GREATER THAN 100% (LIST E	Specific Gravity: <0.8	
This waste is conside Regulated by TSCA? List ALL Applicable W HYSICAL CHARACT Color: White/Clear Black/Brown Cother H: ONA 2 < 2 Clean Grant Flash Poin CONCENTRATION DTAL COMPOSITION	Pred to be:	Layers: Multi layered Bi-Layered Single Phase 6 — 8 8-10 101—140°F 141—200 PPM (MUST BE COMPLETE OR GREATER THAN 100% (LIST E	Specific Gravity: <0.8	Sup Ci Open C
This waste is conside Regulated by TSCA? List ALL Applicable of HYSICAL CHARACT Color: D White/Clear D Black/Brown C Other H: DNA G < 2 (I quid Flash Poin C CONCENTRATION DTAL COMPOSITION ONSTITUENT	Pred to be:	Layers: Multi layered Bi-Layered Single Phase 6 — 8 8-10 101—140°F 141—200 PPM (MUST BE COMPLETE OR GREATER THAN 100% (L1ST E MAX MIN CONST	Specific Gravity: <0.8	
List ALL Applicable V HYSICAL CHARACT Color: White/Clear Black/Brown Cother H: DNA 2 < 2 (Iquid Flash Poin DC CONCENTRATION	Pred to be:	Layers: Multi layered Bi-Layered Single Phase 6 — 8 8-10 101—140°F 141—200 PPM (MUST BE COMPLETE OR GREATER THAN 100% (L1ST E MAX MIN CONST	Specific Gravity: <0.8	MAX MIN

Republic Industrial 8	. Ene	gy Solutions	- 28470 Citrin E	Drive - Rom	ulus - N	II - 48174			•••		
Metals: Indicate if the If Generator knowled	ie wa	to contains.					⊐ TCLP	EITOTAL .	Was	te Profile - F	age 2
		Concentrati	ion i	Not Con	centrati		Arsenic (A	As) D004	1 25 <5	ppm	ppm
PCB	E21	•		esent			Barium (B	a) D005	28 <100	ppm	ppm
Dioxins	521		Aromatic Amine	-	_ppm		Cadmium	(Cd) D008	SQ <1	ppm	ppm
Cyanides Reactive	6 <u>7</u> 1		Pesticides		_bbw		Chromium	(Cr) D007	⊕ <5	ppm 10	
Cyanides Total			Rodenticides -	-	_ppm		Lead (Pb)	D008	Q <5	ppm 5	
Sulfides Reactive	ຜ		Fungicides	EA	ppm		Mercury (H	1g) D009	DX <0.2	ppm	ppm
Sulfides Total		ppm					Selenium ((Se) D010	S <1	ppm	ppm
Sunder Tolal	14	bbw					Silver (Ag)	D011	24 <5	ppm	ppm
TCLP Organics DO	12	D043 abov	re regulatory lis	nits: Preșe	ent LI N	lot Present	8 2	•		•	PP
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		ter Reactive			ck Ser		Reactive (other) ID	OT Explosive	es	
U NIOSH Human-Po	siņve	Carcinogen	S U NESHAP	Wastes (B	enzene			M None App			
SHIPPING IN	OR	MATION	!							-	
1. Is this a DOT !	lazaı	rdous Mate	rial (49CFR 1	72.101 &	173 Š	ubpart D)?	₩.	Yes 🗆 No			
Reportable Quant											
3. DOT Shipping Na	ame_	Waste Cor	rosive Liquid,	Acidic, Ind	organic	, N.O.S.		Hamme	Class 8		3264
			ous Constituen		and the same			TIBE AT U			
4. Method of Shipme					3, 607	itania riyuri	JINONE ATT	a minic acid	Hydrofluo	ric acid, ni	tric acid
5. Number of Units t		Bulk T بيماله علام		vac truck		I Rail Car		Drums	⊔ Totes		
6. Special Handling	Req	uirements in	cluding PPF:	6. A	nticipat	ed Volume /	Units per Y	ear: 120 load	ds	or 🖸 (One Time
CERTIFICATION hereby represent a attached documents information, the info material fact has been in the handling and i	nd w . Bas rmati	arrant that I ed on my in on containe	have personal quiry and pers d herein is true	, accurate	and c	omplete to t		Achiainte fol 2	uppivina or o	Digining the	<u> </u>
f this box is checked is Solutions makes will be	D I re	duest Ranch	die fodustrial 8 C	Impania Cali			any inconsis	tencies. Any c	orrections Re	public Indus	triał & Energy
rinted Name: Patri				.comple on	a artei	zauon andro	regulatory	radosements.			
enerator's Signature:		The state of the s	The state of the s	يسرمين ال		· · · · · · · · · · · · · · · · · · ·		17(18;	Environme	ental Engir	reer
			- The state of the	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				Date:	2-1-22		
SENERATOR'S aste described in the obtained using any of a country of the problems obtained the country of the c	he ar	mirania com	nlina mathada a	3-4 L 40 0			and mu abb	inhitate colify	wier. A repre	sentativa s:	mple of the ample is one led below. If
1		2							···		
SAMPLING METHO SAMPLE COLLE	_	R'S NAME,	COLLECTION	·			_				
. Sample No.			Denomination	V-12 C		No ⊃	<u> </u>				
. CHAIN OF CUST	hed I		// // // // // // // // // // //	пе зыпр	ie mus				es from one	to another	:
(Signa		-1.	Date	Tit	rie	1	Received by (Signature)		Date		Time
										_	



1. 1:

REPUBLIC SERVICES	Repub	olic Se	ervices		
		llied Way, Phoe			
SP	ECIAL WASTE DE				
	Waste Profile # 6440222513		ration Date 2023		
I. Decision Request:	✓ Initial ☐ Recer	tification	☐ Change		***************************************
Disposal Facility: 6440 - Detroit Industrial Well					***************************************
Generator Name: TIMET CORPORATION					
Generator Site Address: 100 TITANIUM WAY			***************************************		
City: TORONTO	County:	State	э: OH	Zip:	
Name of Waste: SPENT HF/NITRIC ACID SOL	LUTIONS DEEP WELL				
Estimated Annual Volume: 600,000 Gallons				**************************************	

II. Special Waste Department Decision	on: Approved	Rejected			
		-			
Management Method(s):	Solidification Bio	oremediation	Deep Well T	ransfer Facility	
Problematic Special Waste according to Rep	oublic? O Yes O N	lo			
If yes, which one?					
Approved by Special Waste Review Committee	tee? Oyes ONG	Not Applic	cable		
The site must ensure that all pre-acceptar prior to acceptance and disposal of the pro-	ecautions, Conditions once and verification analytic offled waste.			ne site's permit requirements	3
					11
Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst MX. 3	•	Name (Print	ted): <u>Stephen Brown</u>		
III. Facility Decision:	С	Approved C	Rejected		
Dr.	ecautions, Conditions o				
FIE	scautions, conditions (n Limitatioi	is oii Appiovai		
By signing below, the General Manager or Design special waste file is complete.	gnee agrees that a fully execu	ted Special Wa	ste Service Agreement is c		/ <i>/</i> e
General Manager or Designee: Date: 3/1/2022		Name (Pri	inted):		

28470 Citrin Dr. Ro	imulus, MI 48174. Telephone	734 945 1000, Fax 734	946 1002 Profil	e #644022251	
GENERATOR INFOR		U	SEPAID# OHD	0098435134	
Facility Address: 100	Titanium Way		SIC/NAICS Code: Si	rate Code: 3356/ 3357,	331491
City: Toronto		Si			
Contact: Patrick Ma	pleTitle: EHS			Fax: (r 4 o) 53750	692
BILLING INFORMAT	TION	SAME AS ABO	VE		
Company Name: Her	itage Thermal Services				
Address: 1250 Sa	int George St.				
City: East Liverpool		Sta	ate: OH	Zip Code: 43920	
Attention: Patty Van					
USEPA / STATE WAS 1. This waste is consider. 2. Regulated by TSCA	TE IDENTIFICATION	ardous Liquid Industrial Wa		zardous Waste	
PHYSICAL CHARAC	TERISTICS OF WASTE				
Color: White/Clear Black/Brown Other	Suspended Solids □ 0-1 % □ 3-5 % □ 1-3 % □ > 5%	Layers:	□ <0.8 □ 0.8 —1	ecific Gravity: □ 1.0 — 1.2 1.0 □ 1.3 — 1.4 ner □ □ 1.3	
	□ 2 — 4 □ 4 — 6		-10 D 10 — 12.		
VOC CONCENTRATION	nt:	PPM (MUST BE CON	(PLETED)		đ Cup 🖸 Open Cup
CONSTITUENT		MAX MIN (CONSTITUENT		MAX MIN
Dihydrogen hexaf	lurotilanate (H2TiF6)	14 - 29 % W	ater		66 <u>86</u> %
Nitric Acid		0.10%			
Hydrofluoric A	cid	7 3 % 2	to distant data at	MINION CONTROL METAL STATE AND STATE OF COMME	

ID: O

Republic Industrial	& Energ	gy Solutions	s - 28470 Citrin	Drive	- Romulus - Mi	- 48174			Was	ste Prof	io - Pa	an 2
vietals: Indicate if the	his was	te contains	any of the folio	wing n	netals				7 10.	46 F 100	10 - F a	96.2
f Generator knowle	suge-pri	DVICE DACKU	ip Li Lab Analy	/sis 2	Generator Kno	owledge	TCLP DTO	TAL				
		Concentrat	ion	Not	Concentratio	n	Arsenic (As)	D004	¥ <5	ppm		ppm
	Presen	1	F	resen	t		Barium (Ba)	D005	24 <100	ppm		• •
PCB	€3	ppm	Aromatic Amin	ie ⊼ī	ppm		Cadmium (Cd)	D006	22 < 1			ppm
Dioxins	₩.	ppm	Pesticides	2	ppm		Chromium (Cr)	D007	ŭ <5.	ppm	107	ppm
Cyanides Reactive	₩ <u></u>	ppm	Rodenticides	24	ppm		Lead (Pb)	D008	Q <5	ppm	107	ppm
Cyanides Total	M	ppm	Fungicides	₩.	ppm		Mercury (Hg)	_		ppm	5	ppm
Sulfides Reactive	(2)	ppm					Selenium (Se)	D009 D010	ùXi<0.2 £Xi<1	ppm		ppm
Sulfides Total	12	ppm					Silver (Ag)	D010	XXI < 1 XXI < 5	ppm		ppm
TCLP Organics D	012	0042 -5-					. •	DOTT	W <2	ppm		ppm
TCLP Organics D	012-	DU43 abov	ve regulatory	limits:	Present U N	of Present	80					
IS WASTE ANY	OF THE	FOLLOW	NG2	A	Least One Box	14				-		
		er Reactiv										
I NIOSH Human-F					U Shock Sen		Reactive (other	•	OT Explosiv	/es		
		+oromogen	3 GIACOIL	or vva:	stes (Benzene,	etc.) 🗆	Biological ⊠t N	lone Appl	у			
SHIPPING IN	IFOP	MATION	,							************************		****
l. Is this a DOT				170	101 0 175 ^							
2. Reportable Quar	ntity /R/	oous maid	. 0007.000s @ 10	-1/2.∃ ⊯	101 & 1/3 Su	ibpart D)?	Ø Yes ∶	⊇ No				
B. DOT Shipping I	Vame_	vvaste Co	rrosive Liquio	i, Acid	tic, Inorganic,	N.O.S.		Hazard	Class 8	U	N/NA	3264
G II ERG	154	Hazard	lous Constitue	ents fo	r"n.o.s." con	tains Hydr	ofluoric and nitr	ic acid	Hydroflu			ic acid
. Method of Shipn									Tryuronu	Unic ac	iu, iiiu	
. Number of Units				4 Vac	-	I Rail Car	U Drum		⊔Totes			
i. Special Handlin	g Requ	irements in	ncluding PPE		b. Anticipate	ed Volume /	Units per Year:	120 load	s 		ιoo	ne Time
			************	-								
ERTIFICATIO	N ST	ATEMEN	VΤ							***************************************		
hereby represent Itached document	and wa	rrant that	have person	ally ex	xamined and a	ım familiar	with the informa	tion cont	ained and e	uhmist.	ad in A	hin mad -19
stormation, the inf	ormatic	n containe	d harain le te	110 00	ourote and	***************************************	Algoria responsi	nie fot al	abbiaiuð oc	obtaini	ng the	
aterial fact has b	een om	itted as to	make this infe	ormati	or minlandian	mpiete to	ne best of my ki and that others r	nowledge nav relv	and belief.	. Furthe	rmore	, no
the handling and	ргосе	ssing of the	waste mater	ial de	scribed herein			,,	on una repr	COBILISI	ion an	o warranty
this box is checked clutions makes will	d O I red	quest Repu	blic Industrial 8	Ener	av Salutions no	t to correct	ony ioanneista a s					
			the results of t	he san	nple characteri;	zation and/c	r regulatory requi	es. Any ci rements.	orrections Re	epublic :	Industr	ial & Energy
rinted Name: Pai	trick M	aple		·				Title:	Environn	nental l	Fodin	aar
enerator's Signatur	e:	an Carta		Popisto	.7					TOTAL T	-119111	201
	***************************************		7	<u> </u>	<u> </u>			Date:	4-1-22			
ENERATOR	е С Ш	AINLOT (NOTORY	0=4					· · · · · · · · · · · · · · · · · · ·			·
ENERATOR'S aste described in the stained using any or	the abo	ve referen	ed Generati	CEL ORS W	ASTE PROFILE	RUCTIO	DNS: PLEASE C	ollect a r	epresentativ	/e 1-qu	artsan	ple of the
tained using any o	f the an	olicable san	online methode	nit ad	in 40 CED 004	ALI ON U	ong an appropri	are conta	iner. A repr	esentai	ive sa	mple is one
u have problems o presentative.	oraming	a represen	itative sample	of your	rwaste, please	contact you	r Republic Indust	rial & Ene	rgy Solution	spacas.	Di O AIG	su delaw. II
		2						····				1
SAMPLING METH	IOD		COLLECTIO	ON PO	INT							1
]					1
SAMPLE COLL	ECTO	R'S NAME	TITLE SUB	. ^~~								
		. • IADINE,										1
. Sample No	TODY	Fach sa	Preserva	tion: Y	′es □ i	No 🗅						
. CHAIN OF CUS		sacıı pers	un who handi	es the	sample mus.	t sign belo	v when the sam	pie pass	es from on	e to an	other.	
	uished b Nature)	oy:					Received by:		Date	T	7	ime
/5/g	/		Date		Time		(Signature)	1		1		i

RECEIVING & APPROVAL FORM

Date	(FGR) end (Fig. 1997)
Receiving ID#	2/10/22
Manifest # Line	Spent HF/HND, Sol. Deep Wal
Land Ban Cert included	
EGT Approval #	Yes No
Generator	T. 40
Client	Timet Corp.
Transporter	
Time in	
Time out	
Received by	-T-24
Sampled by	Client

SPACE INCORNI	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste	
(Offig) ?	I N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1 1/3
Cyanides? (mg/L)	730
Sulfides? (ppm)?	(3-00)
Specific Gravity	1.13
Physical Description	Liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (Ng)
Temperature (F)	691
Conductivity ごわ	0.355 > 1000ms
% Solids	12.83
Turbidity	Yes (No)
Color	Blue-Green :
TSS (%)	13.06
Radiation Screen (as needed)	We .
Lab Signature/Initials	J.#)
•	(See Attocked lab Notes)
	((((((((((((((((((((

LOL IDIOI Receiving & Departure Approval Form

REC04-01 - Page 1

Revision 6 1/20/20

REPUBLIC"	R		Services ay, Phoenix, AZ 85054		
	SPECIAL W		TMENT DECISION		
	Waste Profile 6440222474	#	Expiration Date		
I. Decision Request:	5440222474 ✓ Initial	☐ Recertificat	10/2/2023 iion		 ,
Disposal Facility: 6440 - Detroit Industrial					
Generator Name: NETWORK MATERIALS		NC.			
Generator Site Address: 31 GOLDEN GAT					
City: TORONTO	County:		State: ON	Zip:	
Name of Waste: HAZARDOUS WASTEWA	TER				
Estimated Annual Volume: 156,000 Gallor	ns				,
Management Method(s): Landf	ill Solidifica	ition Bioremed	liation 🗸 Deep Well	Transfer Facility	
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-accept	Republic? mittee? Precautions, Cotance and verific	Yes No Yes No No	lot Applicable		nents
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com	Republic? mittee? Precautions, Cotance and verific	Yes No Yes No No	lot Applicable		nents
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-accept	Republic? mittee? Precautions, Cotance and verific	Yes No Yes No No	lot Applicable		nents
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-accept	Republic? mittee? Precautions, Cotance and verific	Yes No Yes No No	lot Applicable		nents
Problematic Special Waste according to If yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-accept	Republic? mittee? Precautions, Cotance and verific	Yes No Yes No No	lot Applicable		ments
Problematic Special Waste according to if yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-acceptorior to acceptance and disposal of the	Republic? mittee? Precautions, Cotance and verific	Yes No Yes No No	lot Applicable iitations on Approval erformed in accordance w		nents
Problematic Special Waste according to if yes, which one? Approved by Special Waste Review Com The site must ensure that all pre-acception to acceptance and disposal of the special Waste Analyst Signature:	Republic? mittee? Precautions, Cotance and verification profiled waste.	Yes No No No No No No No No No No No No No	lot Applicable iitations on Approval erformed in accordance w	with the site's permit requirer	nents

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

General Manager or Designee:

Date: 2/28/2022

Name (Printed): __

Republic Indu 28470 Citrin Dr. Ror	<u>strial and Energy So</u> nulus, MI 48174. Telephone i	lutions, LLC 34 946 1000. Fex 734 946		VASTE PROFILE
GENERATOR INFORI	MATION elerials & Resources Inc.	USEF	AID# MIR000016055	
Facility Address 31 G	olden Gate Court	SIC	IAICS Code. State Code. NAICS 5	41620, 562210
City Toronto		State		
Contact Mike Aston	Title Genera	Manager Phone (1 (4) 200		
31 Calda	vork Environmental Services I	SAME AS ABOVE		
	n Gate Court	وي من الله على الله الله الله الله الله الله الله ال		
City Toronto		Slate.		
Attention Giles Goul	ding Title Contr	oller Phone: (1 a) 299	-0116 Fax: (4 1 0) 29	9-9649
USEPA / STATE WAST 1. This waste is considi 2. Regulated by TSCA		cesses containing heavy metro	ଧାର ଭ Hazardous Waste	
PHYSICAL CHARACT	TERISTICS OF WASTE			
Color:	Suspended Solids	Layers:	Specific Gravity:	
☐ Wnite/Clear	© 0-1 % □ 3-5 %	☐ Multi layered	□ <0.8 □ 1.0 — 1.2	
C) Black/Brown	□ 1-3 % □ > 5%	☐ Bi-Layered	□ 0.8 —1.0 □ 1.3 —1.4	
② Other		🖸 Single Phase	Exact / Other 1.02	
pH: □NA ⊥ < 2	<u>4</u> 2 4 4 4 6	8-10 لم 6 8 م	□ 10 12.5 > 12.5	
Liquid Flash Poin	ii: □ <73°F ⊔ 73—100°F .	J 101-140°F J 141-20	10°F 그 >200°F W None 니 Clo	osed Cup 🗓 Open Cup
VOC CONCENTRATION	- 0	PPM (MUST BE COMPLE	TED)	
TOTAL COMPOSITION	OF WASTE - MUST BE EQUAL TO	OF: GREATER THAN 100% (L1ST	FACH CONSTITUENT <>1= 0.1%)	
CONSTITUENT		MAX MIN CON	STITUENT	MAX MIN

% Zinc

water

chrome iron

Metals Indicate if the If Generator knowled	his was edge-pri	le contains a ovide backup	ny of the following Leb Analysis	g metals 🚧 Generator Kn	owledge Li TCLI	UTOTAL				
	Not 0	Concentration	n No	d Concentrati	on Arseni	c (As) D00	4 U <5	ppm	>5	ppm
	Present		Pres		Bariun	n (Ba) D00	5 🗓 <100	ppm	>100	ppm
PCB	12	ppm A	Aromatic Amine	4ppm	Cadmi	um (Cd) D00	6 4 <1	ppm	>1	ppm
Dioxins	12	ppm F	Pesticides .	4 _ppm		lum (Cr) D00	•	ppm		• •
Cyanides Reactive	12	• • •	Rodenticides		Lead (ppm		ppm ppm
Cyanides Total	i ⊿ 1	ppm F	ungicides .			ry (Hg) D00		ppm	-00	•
Sulfides Reactive	ú Z I	ppm				um (Se) D01		ppm		ppm ppm
Sulfides Total	₩2	ppm			Silver	(Ag) D01	1 1 <5	ppm		ppm
TCLP Organics D	012	D043 above	e regulatory limi	its: Present U N	lot Present 16			••		••
IS WASTE ANY	OF THE	FOLLOWN	IG?	Al Least One Bo	x Must Be Checked.					
J Radioactive	ب Wat	er Reactive	☐ Oxidizer	U Shock Ser	nsitive J Reacti	ve (other) 그	DOT Explosi	ves		
J NIOSH Human-P	ositive	Carcinogens	☐ NESHAP V	Vastes (Benzene	e, etc.) 🖸 Biologic	al ∡iNone Ap	piy			
4. Method of Shipn	ntity (Rote te Name <u>f</u> 3 171 nent:	O) in pounds Environmer Hazardo	ntally Hazardou	s Substance, L	iquid, nos 06, Chrome	E4 Dayma	d Class 9	NN	/NA _	UN3082
Number of Units Special Handlin	to Ship	Now 30,00 virements in	00 G cluding PPE:	6. Anticipal	ted Volume / Units pa	er Year: 156,0	00 G	or	I) One	e Time
CERTIFICATIO I hereby represent attached document information, the inf material fact has bi in the handling and If this box is checke Technologies make Printed Name: Mik Generator's Signature	and with the second process of the second pr	arrant that I ed on my in on contained nitted as to r ssing of the request Env oe consister on	have personally quiry and person d herein is true, make this inform waste material	nar knowledge c accurate, and c ation misleadin described herei -Technologies r s of the sample	or those individuals complete to the best g. I understand that n.	responsible for of my knowled others may rel consistencies. And/or regulatory	supplying or oge and belief, you this representation of the correction requirements	obtaining Further esentations es Envir S. Manage	g the more, on and	no I warranty
SENERATOR'S vaste described in the blained using any o selow. If you have p epresentative.	of the a	policable sa	ampling methods	cited in 40 CFI	2 761-Annondiv 1 1	appropriate con	tainer. A repr	esentati	ve sar	ple of the nple is one s provided
1 grab		2.	tank		i					
SAMPLING METH	OD	· .	COLLECTION	POINT						ł
Richard Gouldi	ing Ta	rch salce k								- 1
SAMPLE COLL				VC 13						
			HILE, EMPLO	YEK	L					
4 Sample No NMI 6. CHAIN OF CUS	TODY	lëach parso	Preservation who handles	r Yes J the sample mus	No ∆ it sign below when	the sample pas	ses from one	to ano	ther	
Relingi	i berlalu	by			Receive	d by	Date		Tin	ne l
	nalute)		Date	Time	(Signat	ure)			,	-
Mike	Nat	on	10-2-2022	9·55				_		



Danublia Cantiaga

REPUBLIC" SERVICES	Repu		ervices		
SPECIAL WASTE DEPARTMENT DECISION Waste Profile # Expiration Date 10/22/023					
I. Decision Request:	Initial ☐ Red	certification	Change		
Disposal Facility: 6440 - Detroit Industrial Well	I		***************************************		

	- Levenmontonemontonemontonemon	Sta	ite: ON	Zip:	
	₹		·····		
Estimated Annual Volume: 156,000 Gallons					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	***************************************			***************************************	
II. Special Waste Department Decision	on:	ved O Rejecte	d		
		_			
Management Method(s):	Solidification] Bioremediation	Deep Well	Transfer Facility	
Problematic Special Waste according to Rep	oublic? O Yes	No No			
If yes, which one?					
Approved by Special Waste Review Committee	tee?) A			
		iytical is perforr	med in accordance	with the site's permit requi	rements
Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Signature: Support Special Waste Analyst Special Waste Special Wa	TOX. 3		Name	(Printed): <u>Stephen Brown</u>	
III. Facility Decision:		O Approved	Rejected		
Drz	ecautions, Condition				
By signing below, the General Manager or Design special waste file is complete.				ent is on file for this profile an	// d that the
General Manager or Designee: Date: 2/28/2022		Name (F	Printed):		

Republic Industrial and Energy Solutions, LLC

GENERATOR WASTE PROFILE

20470 Citrin Dr. Rom	ulus, MI 48174, Telephone 73	4 946 1000. Fax 734 946 1	Profile #	64402224	74
SENERATOR INFORM	ATION erials & Resources Inc.	USEPA	MIR0000160)55	
Facility Address 31 Go	ilden Gate Court	SIC/NA			1620, 562210
City Toronto		Slate O			
Contact Mike Aston		Manager Phone () ×) 299-0			
BILLING INFORMATIO	ON ork Environmental Services Inc	SAME AS ABOVE			
Address 31 Golden	Gate Court				
City Toronto		State. O			4
Attention Giles Gould	ing Title Contro				
WASTE INFORMATION Name of Waste/Cor Hazardous Wastew	mmon Chemical Name:				
rocess Generating Wa Bulked at TSD, waste	ste (Please <i>be specific, incompl</i> water from various metals proc	ete information may delay the	approval process):		
			UNLESS.		
JSEPA / STATE WASTE	IDENTIFICATION			· · · · · · · · · · · · · · · · · · ·	
This waste is consider Regulated by TSCA?		rdous Liquid Industrial Waste		Waste	
		000, 0007, 0008, 0009, 0010,	UU1 j		
Color:					
COIDT.	Suspended Solids	Layers:	Specific Gr	avity:	

 Color:
 Suspended Solids
 Layers:
 Specific Gravity:

 □ White/Clear
 □ 0-1 %
 □ 3-5 %
 □ Multi layered
 □ <0.8</td>
 □ 1.0 — 1.2

 □ Black/Brown
 □ 1-3 %
 □ > 5%
 □ Bl-Layered
 □ 0.8 — 1.0
 □ 1.3 — 1.4

 □ Other
 □ Single Phase
 Exact / Other [1.02]

 pH:
 □ NA □ < 2 4 2 - 4 4 4 - 6</td>
 □ 8 4 8 - 10 □ 10 — 12.5 □ > 12.5

Liquid Flash Point: 🖸 <73°F U 73—100°F U 101—140°F U 141—200°F U >200°F W None U Closed Cup Closed Cup Cup VOC CONCENTRATION - 0 PPM (MUST BE COMPLETED)

TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO OP. GREATER THAN 100% (LIST EACH CONSTITUENT <> 1= 0 1%)

CONSTITUENT	MAX MIN	CONSTITUENT	MAX MIN
water	99 - 95	% Solids	11-0-9
chrome	2 . 0	% zinc	3,0%
iron	3 . 0	% [

Metals Indicate if the If Generator knowle	nis waste dge-prov	contains a ide backup	ny of the follow ☐ Lab Analys	/ingm sis b2i	etals Generator Kn	owledge	G TOLP OTOTA	AL				
	Not Co	ncentration	1	Not	Concentration	on	Arsenic (As)	D004	∪ < 5	ppm	>5	ppm
	Present		Į> _I	resent			Barium (Ba)	D005	<100 < 100	ppm	>100	ppm
PCB	₩Ž	ppm A	Aromatic Amine	. <u>"</u>	ppm		Cadmium (Cd)	D006	□ < 1	ppm	>1	ppm
Dioxins	WZ	ppm F	Pesticides	⊿	ppm		Chromium (Cr)	D007	∐ < 5	ppm	>5	ppm
Cyanides Reactive	123	ppm F	Rodenticides	2	ppm		Lead (Pb)	D008	IJ <5	ppm	>5	ppm
Cyanides Total	14	ppm F	ungicides	£.	ppm		Mercury (Hg)	D009	IJ <0.2	ppm	>0 2	ppm
Sulfides Reactive	ù ≥	ppm					Selenium (Se)	D010	□ <1	ppm	>1	ppm
Sulfides Total	₩	ppm					Silver (Ag)	D011	'J <5	ppm	>5	ppm
TCLP Organics Do	012 — D	043 abov	e regulatory l	imits:	Present U N	lot Present	14					
IS WASTE ANY	OF THE F	OLLOWIN	IG?	At L	east One Bo	Must Be C	Checked.					
☐ Radioactive	Water ل	Reactive	⊔ Oxidize	er (J Shock Ser	sitive _	Reactive (other	ם ר (OT Explosi	/es		
→ NIOSH Human-P	ositive Ca	arcinogens	O NESHA	P Was	tes (Benzene	, etc.) 🛚	Biological 71 N	one Appl	у			
SHIPPING IN			rial (49CFR	172.1	01 & 173 S	ubpart D)?	o	J No				
2. Reportable Quar	ntity (RQ)	in pounds		_								
3. DOT Shipping N	vaste _{Name} Er	vironmer	ntaliy Hazard	ous S	ubstance, L	iquid, nos		Hazard	Class 9	UN	/NA	UN3082
PG III ERG								-				
4. Method of Shipn		– ⊿ Bulk T		Vac t					275 888			
Number of Units						☐ Rail Car	Ø Drums / Units per Year:		⊉Totes G		0	
6. Special Handlin	g Requir	ements in	cluding PPE:		o, Anticipai	eu volume	runits per Year: _	100,000		or	-J On	e lime
					······································							
CERTIFICATION I hereby represent attached document information, the information and the handling and	and war ts. Based ormation een omit process	rant that I d on my in contained ted as to r sing of the	have persona quiry and per d herein is tru make this info waste materi	sonal ie, acc irmatii al des	knowledge of curate, and of on misleading scribed herei	of those ind omplete to g. I unders n.	ividuals responsit the best of my kn land that others m	ole for su lowledge lay rely o	pplying or o and belief, on this repr	obtainin Further esentati	g the more, on an	no d warranty
If this box is checked Technologies make	ed U I re s will be	quest Envi	rironmental G at with the res	eo-Te ults o	chnologies n f the sample	ot to corre characteri	ct any inconsister zation and/or requ	icies. An ilatory re	y correction	is Envir	onmei	ntal Geo-
Printed Name: Mik								Title:	General		er.	
Generator's Signature		Mik	e Asto.	n				D-1	10-2-2022			
deriorator o organizare	-							Date:	10-2-2021			
GENERATOR'S waste described in to obtained using any obtained using any obelow. If you have prepresentative.	ne above of the ap	reterenc plicable si	ed GENERATO ampling meth	RS W. ods ci	ASTE PROFILI ted in 40 CFI	E REPORT L R 261-App	ising an appropria	ite conta	iner. A repr	esentati n in the	ve sa	mala is ana
1 grab		2.	tank					·				
SAMPLING METH	OD		COLLECTIO	N PO	TAI							- 1
3 Richard Gouldi	ing, Tec	h sales, N	letwork Env.									
SAMPLE COLL		S NAME,	TITLE, EMPI	.OYE	R							
4 Sample No NMI 5. CHAIN OF CUS	RCR01	ach paisc	Preserva on who handle	lion: Y es <i>The</i>	es J sample mus	No ⊿ it sign belo	w when the samp	ole passe	s from one	to ano	ther	
r	ulshed by		·		<u> </u>		Received by		Date			110
(Sig	nature)		Date		Time		(Signatur e)					
Mike	Asti	en	10-2-2022	U:	55					_		

Republic Inde	ustrial and Energy Somulus, MI 48174. Telephone	Diutions, LLC 734 946 1000. Fax 734 94	46 1002	GENERATOR W	ASTE PROFILE
GENERATOR INFOR	RMATION laterials & Resources Inc	USE	PAID# MIF	R000016055	
Facility Address: 31 (State Code: NAICS 54	11620, 562210
City: Toronto				Zip Code: M1P 3A	
Contact: Mike Aston	Title: Genera	Manager Phone: (4 1 5) 29			
· — —	work Environmental Services In	SAME AS ABOVE			
Address: 31 Golde	n Gate Court				
City: Toronto		State	: <u>ON</u>	Zip Code: M1P 3A	
Attention: Giles Gou	Iding Title: Contr	oller Phone: (+ 1 6) 29	99-0116	Fax: (4 1 8) 299	9-9649
Hazardous Waste Process Generating V	ommon Chemical Name: Water Vaste (Please <i>be specific, incomp</i> te water from various metals proc			rocess):	
		ardous Liquid Industrial Waste		lazardous Waste	
PHYSICAL CHARACT	TERISTICS OF WASTE	en wyste titteletet state system for the Analysis was characters and	actaurition de la frielle	2112.2.182.000 and a 2.2.182.000 and a	
Color: White/Clear Black/Brown Other	Suspended Solids ☑ 0-1 % ☐ 3-5 % ☐ 1-3 % ☐ > 5%	Layara: C3 Mulit layared C3 BH.ayared G3 Singla Pnesa	C) <0.8 C) 0.3 Exact / O		
	2 - 4 2 4 - 6	₩ 6 — 8 ₩ 8-10			
iquid Flash Poin	t: Ü <73°F U 73—100°F U .O	101—140°F ⊔ 141—2 PPM (MUST BE COMPLE		0°F 62 None □ Clos	ed Cup 🗆 Open Cup
TOTAL COMPOSITION	OF WASTE - MUST BE EQUAL TO	OR GREATER THAN 100% (L1S	T EACH CONST	TITUENT <>1= 0.1%)	
CONSTITUENT		MAX MIN CON	ISTITUENT		MAX MIN
Water		99 · 97 % Solida	9		1 .0 %
Chrome		2 · 0 % Zinc			3.0%
Iron		3,0%			□ .□%

Relinquished by:			Received by:	Date	Time
(Signature)	Date	Time	(Signature)	Date	1 11116
Wike Aston	10-2-2022	9:55			

No 2

Preservation: Yes U

Richard Goulding, Tech Sales, Network Env.

SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER

4. Sample No. NMRCR01

DEATH WALL		
RECEIVING	& APPROVAL	FORM

	RECEIVING & API
Date	
Receiving ID#	2-13-22 Haz Wasta Water
Manifest # Line	maz wasta water
Land Ban Cert included	Yes No
EGT Approval #	163 NO
Generator	NeTwork Materia
Client	- WOLK PIA TOVIA
Transporter	
Time in	
Time out	
Received by	00
Sampled by	Clint

\$ 8 Recovers Inc.

ABOUT OR MA	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	NA
TOC ppm (CC Waste Only)?	
Flash Point (F)	7140
pH (S.U.)	4.36
Cyanides? (mg/L)	130
Sulfides? (ppm)?	6200
Specific Gravity	1.01
Physical Description	1 4
Stream Consistency	VES No
Oil in Sample?	Yes (No
Temperature (F)	68,9
Conductivity	4,7305
% Solids	0.462
Turbidity	Yes (Vo
Color	Drunge
TSS (%)	(0)
Radiation Screen (as needed)	Nea
Lab Signature/Initials	00
	/

REPUBLIC SERVICES		ublic So		•
<i>0</i> 3		N. Allied Way, Phoe		
S	SPECIAL WASTE			1
	Waste Profile # 6440222514		iration Date 2023	
Decision Request:	☑ Initial ☐ Re	ecertification	☐ Change	
sposal Facility: 6440 - Detroit Industrial W	/ell			
nerator Name: TIMET CORPORATION				***************************************
nerator Site Address: 100 TITANIUM WA				
y: TORONTO	County:	State	e: OH	Zip:
ne of Waste: SPENT HF ACID SOLUTIO	······································	······································		
mated Annual Volume: 600,000 Gallons	3			
Special Waste Department Decis	sion: 🔘 Appl	roved ORejected		
•	Э л.рр.	- 10,0000		•
nagement Method(s): 🔲 Landfill	I Solidification (Bioremediation	Deep Well	Transfer Facility
oblematic Special Waste according to R	Republic? O Yes	.		
Piometro epocial vidoto docording to it	Yes	₩ No		
es, which one?		·······		
proved by Special Waste Review Comm	nittee?	O No O Not Applie		
ne site must ensure that all pre-accept for to acceptance and disposal of the		alytical is performe		with the site's permit requ
ate: 3/1/2022				
. Facility Decision:		O Approved C	Rejected	
P	Precautions, Conditio		-	
•	. Judanona, Gondido		Alphovai	
igning below, the General Manager or De	signee agrees that a fully e	xecuted Special Wa	ste Service Agreem	ent is on file for this profile a
signing below, the General Manager of De ecial waste file is complete.	esignee agrees that a fully e	xecuted Special Wa	ste Service Agreem	ent is on file for this profile a

Date: 3/1/2022

REPUBLIC"	R	epublic 18500 N. Allied W			3	
S	PECIAL WA	ASTE DEPAR	TMEN	NT DECISION	1	
	Waste Profile 6440222514	#		ration Date 2023		
I. Decision Request:	✓ Initial	Recertifica	tion	☐ Change		************
Disposal Facility: 6440 - Detroit Industrial We						
Generator Name: TIMET CORPORATION						***************************************
Generator Site Address: 100 TITANIUM WAY	1					
City: TORONTO	County:		State	e: OH	Zip:	
Name of Waste: SPENT HF ACID SOLUTION	IS DEEP WELL					
Estimated Annual Volume: 600,000 Gallons						***************************************
Problematic Special Waste according to Re		○ Yes ② No	MOOTO SERVICION COMPA	✓ Deep Well	☐ Transfer Facility	
Management Method(s): Landfill Problematic Special Waste according to Re If yes, which one? Approved by Special Waste Review Commi	public?	لسسا	MOOTO SERVICION COMPA		Transfer Facility	

Special Waste Analyst Signature: Stephen Brown

Date: 3/1/2022

Name (Printed): Stephen Brown

III. Facility Decision:

○ Approved ○ Rejected

11

11

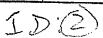
Precautions, Conditions or Limitations on Approval

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

General Manager or Designee: ______ Name (Printed): ______

Date: 3/1/2022

28470 Citrin Dr. Romu	I <i>rial and Energ</i> lus, MI 48174. Teleph	/ Solutions, LL(one 734 946 1000. Fa	x 734 946 1002	GENERATOR V	VASTE PROFILE 2514
GENERATOR INFORMA Name: Timet Corpora			USEPAID# O	-ID0098435134	
Facility Address: 100 Tita	anium Way				57 004 104
City: Toronto				: State Code: 3356/33	
Contact: Patrick Maple	Title:		. u) 537 5672	Zip Code: 43964 Fax: (7 4 p) 53	
BILLING INFORMATION Company Name: Heritage		☐ SAME AS			
Address: 1250 Saint G			•		
City: East Liverpool		**************************************		······································	
Attention: Patty Vantilibu	iro	. 6443	State: OH	Zip Code: 43920	
WASTE INFORMATION	rg Title: E	Phone: 6	385-7337	Fax: ()	
Name of Waste/Comn Spant HF Acid Solutio Process Generating Waste Descale pickle line	ns Deep Well	15 Household Barrer y application and the second	delay the approval p	Oracess):	
JSEPA / STATE WASTE IDI This waste is considered Regulated by TSCA? LIY List ALL Applicable Waste	to be: 🗀 Non es ©No (PCBs, etc.)	Hazardous Liquid Industri	al Waste ⊠ ∤	łazardous Waste	
HYSICAL CHARACTERI	STICS OF WASTE				:
D Black/Brown D Other	Suspended Solids 0-1 % ☐ 3-5 % 1-3 % ☐ > 5%	Layers: D Multi layer D Bi-Layere Single Pi	ered 🖸 <0.8.	Decific Gravity: 21.0 — 1.2 1.0 — 1.4	
H: ONA 2 < 2 0 2		□6-8 □	8-10 10 10 12	5 □ >12.5	
iquid Flash Point: [] DC CONCENTRATION		O PPM (MUST BE (OMPLETED)		ed Cup 🖸 Open Cup
OTAL COMPOSITION OF	WASTE - M UST BE EQUAL	TO OR GREATER THAN 100	% (L187 EACH CONST	TTUENT <>1= 0.1%)	MAX MIN
Plating Scale					
. Idanig Ocale		1 10 1. 150 10. 1	Hydrofluroric Acid		0 14
Spent HF acid solution	on containing:		Hydrofluroric Acid Water		0 1 W



5. CHAIN OF CUSTODY Each person who handles the sample must sign below when the sample passes from one to another.

Time

No J

Received by

(Signature)

Date

Time

Preservation: Yes :

Date

Relinquished by:

(Signature)

***************************************	Jinulos, MI 481/4. Telepho	Solutions, LLC ne 734 946 1000. Fax	734 946 1002	file # 6440222	/ASTE PROFILE
GENERATOR INFOI Name: Timet Cor			USEPAID # OF	ID0098435134	
Facility Address: 100	Titanium Way				7. 224 404
City: Toronto				State Code: 3356/ 335	07, 331491
Contact: Patrick Ma	ple Title: El		507 5074	Zip Code: 43964 Fax: (7 4 p) 53	75692
	tage Thermal Services	SAME AS			
Address: 1250 Sa	nt George St.				
City: East Liverpool	· · · · · · · · · · · · · · · · · · ·		_ State: OH	Zip Code: 43920	
Attention: Patty Van		lling Phone: 6 s			
WASTE INFORMATION	ON				
Spent HF Acid So Process Generating W Descale pickle line	lutions Deep Well laste (Please <i>be specific, inco</i>	omplete information may	delay the approval p	Process):	
JSEPA / STATE WAST This waste is conside	ered to be: In Non H	lazardous Liquid Industria	d Waste ⊠ ⊩	lazardous Waste	
	UYes @No (PCBs, etc.) Vaste Codes: D002, D007, D00)8		azaidous vyaste	
. List ALL Applicable V		28		az aluous vyaste	
List ALL Applicable V HYSICAL CHARACT Color:	Vaste Codes: D002, D007, D00 ERISTICS OF WASTE Suspended Solids	Layers:			
List ALL Applicable v HYSICAL CHARACT Color: U White/Clear	Vaste Codes: _D002, D007, D00 ERISTICS OF WASTE Suspended Solids 0 0-1 %		Sp	ecific Gravity:	
List ALL Applicable v HYSICAL CHARACT Color: White/Clear Black/Brown	Vaste Codes: D002, D007, D00 ERISTICS OF WASTE Suspended Solids	Layers:	Spred 3 <0.8	ecific Gravity:	
List ALL Applicable v HYSICAL CHARACT Color: White/Clear Black/Brown Other	Vaste Codes:D002, D007, D00 ERISTICS OF WASTE Suspended Solids 0 0-1 %	Layers: □ Multi layer □ Bi-Layere ☑ Single Ph	Spred ☐ <0.8 d ☐ 0.8 — Exact / Or	ecific Gravity: ☑ 1.0 — 1.2 1.0 □ 1.3 —1.4 her	
List ALL Applicable V HYSICAL CHARACT Color: White/Clear Black/Brown Other H: □NA ☑ < 2 5	Vaste Codes: D002, D007, D00 ERISTICS OF WASTE Suspended Solids 0-1 %	Layers: Di Multi layer Di Bi-Layere Di Single Ph	Spred	Decific Gravity: □ 1.0 — 1.2 1.0 □ 1.3 — 1.4 ther □ 1.2 5	
List ALL Applicable V HYSICAL CHARACT Color: White/Clear Black/Brown Other H: DNA M < 2 C	Vaste Codes: D002, D007, D00 ERISTICS OF WASTE Suspended Solids 0 0-1 % 0 3-5 % 1 1-3 % 0 > 5% 2 - 4 0 4 - 6 3 : 0 < 73°F 0 73-100°F	Layers: Di Multi layer Di Bi-Layere Di Single Ph	Spred 3 <0.8 d 0.8 = Exact / Ot 18 - 10 0 10 = 12.41 = 200°F 3 > 20	Decific Gravity: □ 1.0 — 1.2 1.0 □ 1.3 — 1.4 ther □ 1.2 5	ed Cup 🖸 Open Cup
List ALL Applicable V HYSICAL CHARACT Color: White/Clear Black/Brown Other H: DNA 2 < 2 Color: Industry Concentration	Vaste Codes: D002, D007, D00 ERISTICS OF WASTE Suspended Solids 0-1 %	Layers: Di Mutti layer Di Bi-Layere Ji Single Ph Di 6 — 8 D Di 101—140°F Di 14	Spred	Decific Gravity: 21.0 — 1.2 1.0	ed Cup 🖸 Open Cup
List ALL Applicable V HYSICAL CHARACT Color: White/Clear Black/Brown Other H: DNA 2 < 2 Color iquid Flash Point CC CONCENTRATION- DTAL COMPOSITION	Vaste Codes: D002, D007, D00 ERISTICS OF WASTE Suspended Solids 0 0-1 % 0 3-5 % 1 1-3 % 0 > 5% 2 - 4 0 4 - 6 3 : 0 < 73°F 0 73-100°F	Layers: Di Mutti layer Di Bi-Layere Ji Single Ph Di 6 — 8 D Di 101—140°F Di 14	Spred	Decific Gravity: 21.0 — 1.2 1.0	ed Cup I Open Cup
List ALL Applicable V HYSICAL CHARACT Color: White/Clear Black/Brown Other H: DNA M < 2 C iquid Flash Point OC CONCENTRATION OTAL COMPOSITION ONSTITUENT	Vaste Codes: D002, D007, D00 ERISTICS OF WASTE Suspended Solids 0-1 %	Layers: Di Mutti layer Di Single Ph Di 6 — 8 D Di 101—140°F Di 14 O PPM (MUST BE C	Spred	Decific Gravity: 21.0 — 1.2 1.0	MAX MIN
Color: White/Clear Black/Brown Other H: DNA 2 < 2 City of the color in the color i	Vaste Codes:	Layers: Di Multi layers: Di Single Phi Di 6 — 8 Di 101—140°F Di 14 Di PPM (MUST BE COOR GREATER THAN 100) MAX MIN Di 50 %	Spred 3 <0.8 d 0.8	Decific Gravity: 21.0 — 1.2 1.0	

Republic Industrial	& Energy	/ Solution	ns - 28470 Citrii	n Drive	- Romulus - M	ll - 48174			10/2	rto Dungli	
Metals: Indicate if the If Generator knowled	ie umaka						O TOLD OTO		VVa	sie Pronie	- Page 2
		oncentra		Not			DITCLP DITO	AL			
1	Present			Presen	Concentration	on	Arsenic (As)	D004	⊠ <5	ppm	ppm
PCB	LŽŽ	maq	Aromatic Amir				Barium (Ba)	D005	थ <100	ppm	ppm
Dioxins	<u></u>	ppm	Pesticides	16 31	ppm		Cadmium (Cd)	D006	ωΣ <1	ppm	ppm
Cyanides Reactive	 120	ppm	Rodenticides	521 521	ppm		Chromium (Cr)	D007	C) <5	ppm	10.7 ppm
Cyanides Total	L2	ppm	Fungicides	32i	ppm		Lead (Pb)	D008	□ <\$	ppm	5.0 ppm
Sulfides Reactive	L	ppm	rungiaucs	31	ppm		Mercury (Hg)	D009	XI <0.2	ppm	ppm
Sulfides Total	₽	ppm					Selenium (Se)	D010	⊠ <1	ppm	ppm
TCLP Organics Do)12 [043 abo	ove regulatory	timits:	Present Q N	ot Present	Silver (Ag)	D011	⊠ <5	ppm	ppm
IS WASTE ANY C					Least One Box	-		-	·		
		Reacti			3 Shock Sen		Reactive (other)	Line	AT Cambon		
LI NIOSH Human-Po	ositive C	arcinoge	ns 🗆 NESH		stes (Benzene,		Biological 2 N			/es	
						بريس بالأحساد		one Appi			the second secon
SHIPPING IN											
1. Is this a DOT I	Hazard	ous Mai	terial (49CFR	172.	101 & 173 St	ibpart D)?	Yes ⊒) Na			
Reportable Quan	tity (RQ)	in poun	ds0007, D008 @ ti)# 		, , .	w	1110			
3. DOT Shipping N	_{ame} W	aste C	orrosive Liquid	d. Acid	tic Inorganic	NOS			_		
						The second second second	The second secon				NA 3264
		_ Haza	dous Constitue	ents fo	r "n.o.s." Con	tains I lyd	ofluoric acid HF	-Hydroflud	oric acid, chror	ne	
4. Method of Shipm				d Vac I	truck (⊒ Rail Car	□ Drums	,	□Totes		
 Number of Units t Special Handling 	to Ship t	Now 4/W	ingludies DDF		6. Anticipat	ed Volume	/ Units per Year:	120 load	S	ÒΓί	One Time
,	1100011	ements	including PPE								
I hereby represent a attached documents information, the informaterial fact has be in the handling and of this box is checked Solutions makes will the	ermation en omit process	contain ted as to sing of the	ned herein is tr o make this inf ne waste mate	ue, ac ormati rial de	curate, and co on misleading scribed hereir	omplete to i. I underst	the best of my kn and that others m	owledge lay rely o	ipplying or and belief, on this repr	oblaining Furtherr esentatio	i the more, no in and warran
Solutions makes will to Printed Name: Patr			n the results of t	he san	nple characteri	zation and/	or regulatory requir	ements.		-paune m	manan or Euch
								Title:	Environm	ental Er	ngineer
Senerator's Signature	· — ;	e e e		<u> </u>				_ Date:	2-1-22		
	······································	**********		*		***************************************					
SENERATOR'S raste described in the btained using any of the busing any of the busing any of the business observes and the business of the busi	the appl	cable sa	molina method	botio a	in 40 CED ace		and an abbrobus	te conta	ner. A repri	esentativ	tsample of the e sample is o ovided below.
1		2					<u> </u>	······································			
SAMPLING METHO	OD	·	COLLECTIO	ON PO	INT						-
3				····							
SAMPLE COLLE	CTOR'	S NAME	TITLE, EMP	LOYE	R						
Sample No. CHAIN OF CUST	ODY E	ach per	Preserva	ition: Y	es ⊒ sample mus	No.⊒ t sian helo	w when the com-		-		
Relinqui	shed by			- 1	- Free Hird	yıı 116/0		ne pass	es from one	to anot	her.
	ature)		Date		Time		Received by: (Signature)		Date		Time
	~			-	inne						
			I	D	(2)						

BEOMETERS.	ۼ
RECEIVING &	APPROVAL FORM

	TOWAL FURW
RESEMBLE	SA CARANTA CA CARANTA
Date	1210172
Receiving ID#	C 2 2 11 - A A C 2 3
Manifest # Line	Spent HFA= & Solotions Deep Well
Land Ban Cert included	
EGT Approval #	Yes No
Generator	Timel Corp
Client	I'mel Colb
Transporter	
Time in	
Time out	
Received by	
Sampled by	(J. r),
7 21	Client

E SE			
Compatible? (RT#)	206		
PCBs (ppm) (Oily Waste	110	<u> </u>	
Only)?	NA		
TOC ppm (CC Waste Only)?			
Flash Point (F)) IU	δ	
pH (S.U.)	1 / 1	2 1	
Cyanides? (mg/L)	1 43	21	
Sulfides? (ppm)?		00	
Specific Gravity	10		
Physical Description			
Stream Consistency	Yes,		
Oil in Sample?	Yes	No	
Temperature (F)		্মত)	
Conductivity	81.8) (
% Solids		98	
Turbidity	(Yes)	No	
Color	111	· · · · · · · · · · · · · · · · · · ·	(﴿ م م م
TSS (%)	10 40	E 61	PEN
Radiation Screen (as needed)	Ned	' .	
Lab Signature/Initials	1-115	}	
- Thinks	1, 7, 7		100

(See attacked lob Notes)

Lab ID (2)

Receiving & Departure Approval Form

REC04-01 -- Page 1

Revision 6 1/20/20

	·			
REPUBLIC'	•	blic Ser		
	· · · · · · · · · · · · · · · · · · ·	. Allied Way, Phoenix, A		
SP	ECIAL WASTE D			
	Waste Profile # 6440222596	Expiration 2/14/202		
I. Decision Request:	☑ Initial ☐ Rec	ertification	Change	
Disposal Facility: 6440 - Detroit Industrial Well				
Generator Name: CENTRAL MOTOR WHEEL	OF AMERICA			
Generator Site Address: 125 WHEAT DR.				
City: PARIS	County:	State: KY		Zip:
Name of Waste: F005 WASTE WATER				
Estimated Annual Volume: 75,000 Gallons				
II. Special Waste Department Decision	on: Approx	red ORejected		
Management Method(s): Landfill	Solidification	Bioremediation	Deep Well	Transfer Facility
Problematic Special Waste according to Rep	ublic? O Yes) No		
If yes, which one?				
· · · · · · · · · · · · · · · · · · ·				
Approved by Special Waste Review Committ	Yes U	No Not Applicable		
The site must ensure that all pre-acceptar prior to acceptance and disposal of the pre-				ith the site's permit requirements
Special Waste Analyst Signature:		[⊗] Approved ○ Rejs	·	inted): <u>KEITH DIAMÄNTI</u>
By signing below, the General Manager or Design	ecautions, Conditions gnee agrees that a fully exe			nt is on file for this profile and that the
special waste file is complete.	12		,	
General Manager or Designee:	7 7900	Name (Printed)	: JOHA	1 PROST

Date:

3-23-2022



anublia Santicas

REPUBLIC SERVICES	Rep	udiic Si	ervices		
93	18500	N. Allied Way, Pho	enix, AZ 85054		******
SF	PECIAL WASTE	DEPARTME	NT DECISION		
	Waste Profile # 6440222596		iration Date 1/2023		
I. Decision Request:		ecertification	☐ Change		
Disposal Facility: 6440 - Detroit Industrial We	<u> </u>		***************************************		
Generator Name: CENTRAL MOTOR WHEEL	OF AMERICA				
Generator Site Address: 125 WHEAT DR.		states to the text to the text of the second second second second second second second second second second se			
City: PARIS	County:	Stat	e: KY	Zip:	
Name of Waste: F005 WASTE WATER					
Estimated Annual Volume: 75,000 Gallons					***************************************
II. Special Waste Department Decision Management Method(s): Landfill Problematic Special Waste according to Re	Solidification	roved Rejected Bioremediation No	✓ Deep Well	Transfer Facility	
If yes, which one?		***********************************	W.W.		
Approved by Special Waste Review Commit	ttee? O Yes	O No Not Appli	cable		
The site must ensure that all pre-accepta prior to acceptance and disposal of the prio		ialytical is periorii	ed in accordance	with the site's permit requi	rements
Special Waste Analyst Signature: Date: 3/3/2022			Name (F	Printed): <u>KEITH DIAMANTI</u>	
III. Facility Decision:		O Approved	Rejected		
Pr	ecautions, Condition		_		
By signing below, the General Manager or Desi special waste file is complete.	ignee agrees that a fully o	executed Special Wa	aste Service Agreem		d that the
General Manager or Designee: Date: 3/3/2022		Name (Pr	inted):		

SENERATOR INFORMATION Name: Central Motor Wheel of America Facility Address: 125 Wheat Dr. City: Paris	t stage	SIG/NAICS Code	YD175598267 :: State Code; Zip Code: 4036	
Contact: ACMIN COOK This:	ir. EHS. Ph	one: 859-) <u>294-</u> 5155		
Company Name: Mithwest Environmental Se	Me. L.P. Ponkesolve	IE AC ABOVE	Part C	
City: Hamilton	· Pro	State; OH	Zip Code: 4501	
Attendon: Jennifier Back Title:		ne: 513), <u>681-9990</u>	Fax:()	
Name of Waste/Common Chemical Name	Or and Callet	ach atu se eus Gung will benes eus Mississius eus bee	And the second	
notes: Ceperating Wasta (Please be specific, p) Ment from pairt boom water outsin. Peint min	complete let		200	t.
SEEPA V STATIONAS CENTRALATION (1976) L. Thir new rows and control of the contro	Filespie in Legisia	Selegija a digađani.	india. Balancia production (m.)	Mariana Pan
A Received to a secondary and Aspecta and the Control of the Contr		Amenicaffeer (1222) Carlos instructor (1232)	But in a second of the second	l seckenhede. <u>Eguns blei</u> le
		officered a service. Serviced Signer Service Service	3 K01,2 10 - 1,54,4	al de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la co
	Pagrooge striks 	: [6]- C [- 2(g)]	ila Badan Piga	yd Cup O Open (
		anggang anggang sa Sanggang anggang		ca de

Metale: Indicate if this wests do if Generals: knowledge provide	teins any of the fo bedrup 21 Lab Ar	Rowing metals talysis & Gen	eretor Knowledge	TCLP TOT	AL			
Dicates Sective S Cyanides Reactive S Guiffdes Reactive S Sulfides Reactive S	opm Aromátic Al opm Pesticides opm Rodenticides opm Fungicides opm	Procent mine to the to	noentration _ppm _ppm _ppm _ppm	Arsenic (As) Barlum (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D004 D005 D006 D007 D008 D009 D010 D011	80 <5 9 <100 80 <1 90 <5 90 <5 90 <0.2 90 <1 90 <5	ppm ppm ppm ppm ppm ppm ppm	ppm ppm ppm ppm ppm ppm ppm
El NIOSH Human-Positive Can	xO El entires. Bixes anegorio	ldizər 🗆 Si		☐ Reactive (other)	□ DC ne Apply	T Explosiv		
	e Misterial (490 a pounds 100 9082, RC Hez Hezsidate Cons in Bulk Tenker 1074	ardous Wa tituents for To 12 Vac mick	ete, Liquid, o.a.• Methyl Eth G.Rail Car	yl Ketone	Hazerd (Class 9		<u>NA3082</u> ne Time
GETTAL PAGE STATE OF THE STATE	int into the value of an my neutro second my neutro second contact the point of the total manufacture of the total manufa	d personal kind Indialogican Indiangellong Indialogical Indialogican Indiangellong	ryledge of those in No, and complete the Neloading, it under sed harain oldloss selse corpo oldloss selse corpo	dividuale responsible the peat of my long stand that others ma	e for sup wiedge by rely o Any cor ments. Tille:	or olying or ol and belief. I n this repres	otaining the Furthermore sentation an ublic industr	, no d warranty el & Energy
			i i no li il il il il il il il il il il il il	atani a constanti e i suma e consta e consentigia de con-	/siteran W	/astewater	L1457/369	npie la one d'balow, if

REPUBLIC"	R	epublic 18500 N. Allied Wa			3		
SI	PECIAL WA	ASTE DEPART					
	Waste Profile			on Date	•		
	6440223277		2/23/20	****			
I. Decision Request:	☑ Initial	Recertificat	ion (Change			
Disposal Facility: 6440 - Detroit Industrial We							
Generator Name: MAGNETIC INSPECTION I Generator Site Address: 1401 GREENLEAF							
City: ELK GROVE VILLAGE	County:		State: T	x	Zi	n- [
Name of Waste: WASTE ETCH SOLUTION			10.0.0.		<u> </u>	· L	
Estimated Annual Volume: 70,000 Gallons							
II. Special Waste Department Decisi	on:	Approved ORe	jected				
Management Method(s): Landfill	Solidificati	ion Bioremed	ation	✓ Deep Well	Transfe	er Facility	
Problematic Special Waste according to Re	public?	Oyes O No					
if yes, which one?							
Approved by Special Waste Review Commit	ttee? (OYes ONo © N					
prior to acceptance and disposal of the prior to acceptance and disposal of the prior to acceptance and disposal of the prior to acceptance and disposal of the prior to acceptance and disposal of the prior to acceptance							
Special Waste Analyst Signature:							
Date: 3/16/2022	The same of the sa			Name (I	Printed): <u>KE</u>	ITH DIAMANTI	
III. Facility Decision:		O Approv	red O Re	jected			
Pr	ecautions, Co	onditions or Limi	tations o	on Approval			
By signing below, the General Manager or Desi special waste file is complete. General Manager or Designee:	gnee agrees that	2	cial Waste : me (Printe	1.	ent is on file f	or this profile an	d that the
3.23.2Z							



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SF	REPU	BLIC"	K	Republic 3				S 	F	FAX		
							·····					
INCOMPLET			SMITTAL									
TO: Korniellia Sipke	ma Sha	rman).: 6440223277					
FAX: File Received: 3/15/2022 From: Special Waste Dept. Response Date: 3/15/2022												
Re: MAGNETIC IN			ORY / WASTE	ETCH 9		spor	ise Date: 3/15/2	2022				
TO THE CONTROL	011	OII DIDOIMI	ORT / WAGIE	_10113	OLO HON							
SECTION I		SEC	TION II		SECTION III	T	SECTION IV	Si	ECTION V	SE	CTION VI	
DisposalFacility		Transporte	··Name	Nan	neOfWaste		USEPA	Charac	teristicComponents	Ger	nAuthSignature	
GeneratorName		Transporte	rSiteAddress	Pro	cessGeneratingWaste		SampleDate	FreeLic	quids	Gei	nCoName	
GeneratorSiteAdd	iress	Transporte	rCityStateZip	Тур	eOfWaste		CompositeGrab	YesNo		□ _{No} s	StateLetter	
GeneratorCitySta	teZip	Transporte	rMailingAddress	Phy	rsicalState		SampleID	DpH_Fla	sh	Nar	ne_Title	
GeneratorMailing/	Address	Transporte	rContactName	Met	hodOfShipment					SignatureDate		
GeneratorContact	Name	Transporte	rTelFax	EstimatedAnnualVolume								
GeneratorTelFax				Free	requency							
GeneratorStateID				Disp	oosalConsideration				······································			
☐ WasteCodeTexas												
ANALYTICALS	TCLP T	OTAL METALS	TCLP VOLAT	TILES	TCLP SEMI-VOLATII	LES	PESTICIDES / H	ERBICIDE		1		
TotalCyanide	Arse	enic	Benzene		Cresols		Chlordane		LabLetterhead			
ReactiveCyanide	Bar	lum	Carbon Tetra	chloride	Dichlorobenzene	One	Endrin		ChainOfCustody	,		
TotalSulfide	Cad	lmium	Chlorobenze	ne	☐ DinitrotolueneTwo)	Heptachlor		☐ NoLabSignature			
ReactiveSulfide	Chr	omium	Chloroform		Hexachtorobenze	пе	HeptachlorE	poxide	ReportOneYear	OldPlus		
TotalPCB	□ cop	per	Dichloroetha	neOne	Nitrobenzene		Lindane		NoThirdPartyLal)		
□ TOX_EOX	Lea	d	Dichloroehyl	eneTwo	Pentachlorophene	oi	Methoxychio	or	☐ MissingReportPi	ages		
Phenois	Mer	cury	MethylEthyl	Cetone	Pyridine		Toxaphene		MissingMSDSPa	ges		
FlashPoint	Sele	enium	Tetrachloroe	thylene	TrichlorophenolFi	ve	TwoFourD		TotalSulfates			
□рН	Silve	er	Trichlorethyle	ene	TrichlorphenolSix		TwoFourFive	∍TP	☐ TotalSulfur			
PaintFilter	Zinc	;	VinylChloride	3	· · · · · · · · · · · · · · · · · · ·				WrongProfile			
□трн					***************************************					······		
Втех									GeneratorIncom	plete		
Notes:												

Volume needs to be listed on profile. 7-10 tankers per year doesn't help. Keith

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			•	
Republic Ind	ustrial and Energy S omulus, MI 48174. Telephone	Solutions, LLC	GENERAT	OR WASTE PROFILE
	omulas, WI 48174. Telephone	734 946 1000. Fax 734 9	Profile # 644	0223277
GENERATOR INFO	RMATION			
	Inspection Laboratory	us	EPA ID# ILS049998297	
Facility Address: 140	1 Greenleaf Avenue		C/NAICS Code: State Code: 33	2813
City: Elk Grove Villa	ige	Sta		
Contact: Rob Drape	eau Title: EHS	1	47-437-4488 Fax: ()
BILLING INFORMAT		SAME AS ABOVE		
	ource Environmental			
Address: 17W775	Butterfield Rd. Suite# 102C			
City: Oak Brook Ten	race	State	: <u>IL</u> Zip Code: 6	0181
Attention: John Hera	aty Title: Partr		73-505-3100 Fax: ()
WASTE INFORMATION				
Name of Waste/Co Waste Etch Soluti	ommon Chemical Name: on			
Process Generating V	Vaste (Please be specific, incom	plete information may delay	the approval process):	
-Chemical Milling	of Stainless, Titanium, & Carbor			
	or Stainless, Hanlum, & Carnor	Steel Parts		
USEPA / STATE WAST	E IDENTIFICATION			
This waste is consider		ardous Liquid Industrial Waste	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
2. Regulated by TSCA?	P DYes Mo (PCBs, etc.)		TIAZZIOOUS VVASIB	
3. List ALL Applicable V				
	ERISTICS OF WASTE			
Color: White/Clear	Suspended Solids	Layers:	Specific Gravity:	
☐ Black/Brown	□ 1-3 % □ 3-5 % □ 1-3 %	☐ Multi layered	☑ <0.8 □ 1.0 1.2	
☐ Other		☐ Bi-Layered ☐ Single Phase	0.8—1.0 Q1.3—1.4	_
pH: □NA ☑ < 2 0	2-404-6		Exact / Other ☐ 10 — 12.5 ☐ >12.5	
Liquid Flash Poin	t: 🛚 <73°F 🖸 73—100°F 🗆	101—140°F 🖸 141—2	10°F [] >200°E [] Non-	l Closed Cup 🗆 Open Cup
VOC CONCENTRATION -	. 0	PPM (MUST BE COMPLE		Closed Cup Open Cup
TOTAL COMPOSITION	OF WASTE - MUST BE EQUAL TO			1%)
CONSTITUENT		MAX MIN CON	STITUENT	
Nitric Acid			ic Acid	MAX MIN
Hydrochloric Acid				
Hydrofluoric Aci				40 # 50 %
	***************************************	0 5 %		

Metals: Indicate if the If Generator knowle	nis wa: :dge-p	ste contains rovide backı	any of the followi p ☐ Lab Analysi	ng m s 🗆	netals Generator Kr	nowledge	☐ TCLP	CITOTAL				
		Concentrati		Vot	Concentrati							
	Presen		•	sen		1011	Arsenic		D004	☑ <5	ppm	ppm
PCB	2 1	ppm	Aromatic Amine				Barium (D005	☑ <100	ppm	ppm
Dioxins	<u> </u>	ppm	Pesticides		ppm		Cadmlur	•	D006	□ <1	ppm	<2 ppm
Cyanides Reactive	2	ppm	Rodenticides		ppm		Chromiu	• • •	0007	□ <5	ppm	<400 ppm
Cyanides Total	2		Fungicides	2	ppm		Lead (Pt	•	3008	☑ <5	ppm	ppm
Sulfides Reactive	120	ppm	rungicides	<u> </u>	ppm		Mercury	,	2009	☑ <0.2	ppm	ppm
Sulfides Total	2	ppm					Selenium		2010	2 <1	ppm	ppm
TCLP Organics Do			ve regulatory lin	n ts:	Present 🗅 🖡	Not Present	Silver (A _l Ø	9) L	0011	☑ 1 <5	ppm	ppm
IS WASTE ANY C	OF TH	E FOLLOW	ING2	N+ 1	Least One Bo	. 141 D . O.			-			
		ter Reactiv		i	□ Shock Ser							
☐ NIOSH Human-P					stes (Benzene					OT Explosiv	ves	
			- CRESIA	y vac	nes (Denzene	, etc.) L	Riological	☑ None	Apply	/	_	
SHIPPING IN	FOR	MATION	J									
1. Is this a DOT				72 1	101 & 173 S	ubpart DV3	-	1 Van (7 N	_			
2. Reportable Quan	itity (R	Q) in pound	s 100#	Έ.	01 01 175 5	appail Dj?	124	3 Yes □ N	0			
3. DOT Shipping N				ıd,	Acidic, Inorg	anic, N. O.	s.	U.		or 8		LIN3264
			ious Constituent	1	- Address of the surrounding surrounding			rome	azaro	Class	UN	I/NA UN3264
4. Method of Shipm		Ø Bulk		į								
5. Number of Units				:		☐ Rail Car		Drums	10 To	☐Totes	h/	
6. Special Handling	g Req	uirements i	ncluding PPE:	1	o. Ariticipai	tea volume /	Units per	Year: _/~!	io ia	nkers per	Yr. or	One Time
				ــــــــــــــــــــــــــــــــــــــ					_			
CERTIFICATIO I hereby represent attached documents information, the informaterial fact has be in the handling and	and w s. Bas ormati	arrant that sed on my is on contains nitted as to	I have personall aquiry and personal ad herein is true; make this inform	acc	curate, and c	omplete to t	riduais re	sponsible	for su	pplying or a	obtainin	g the
If this box is checke	d 🗆 I	request En	Hironmontol Co.	7.			_					
Technologies make: Printed Name: Jerr			in with the resu	is o	r the sample	characteriza	ation and/	or regulate	огу ге	quirements	i.	
	-	-	C11	+-					Title:	Sales		
Generator's Signature	·)am	- July	<u> </u>					Date: ,	2/23/22		
GENERATOR'S waste described in the obtained using any obelow. If you have prepresentative.	if the :	annlicable s	ampling mothed	ہنے کا	1-d in 40 OFF		mg an ap	highinara c	Unital	ner. A repre	esentati	ve sample is one
1		2.					Г					
SAMPLING METHO	OD		COLLECTION	POI	NT							J
							- 1					
SAMPLE COLLE	OTO			_			_					
SAMPLE COLLE		TS NAME,	IIILE, EMPLO	YE	₹							
4. Sample No 5. CHAIN OF CUST	ODY	Each pers	Preservation on who handles	: Ye	es 🗆 sample mus	No □ t sign below	when th	e sample i	passe	s from one	to ano	ther
Relinqui	shed t	oy:		 			Received b			Date	1	
(Sign	ature)		Date		Time		(Signature			ate		Time
				1								
									- 1		1	i

SPECIAL WASTE DEPARTMENT DECISION Waste Profile # 6440233286 Spiration Date 3/9/2023 Spi	REPUBLIC"	R	epublic			
Waste Profile # 6440223288 Expiration Date 3/9/2023 I. Decision Request:						
I. Decision Request:	S	PECIAL WA	ASTE DEPART	MEN	IT DECISION	
Disposal Facility: 6440 - Detroit Industrial Well Generator Name: MGNA ELECTRIC VEHICLE STRUCTURES Generator Site Address: 1811 S RANGE ROAD City: SAINT CLAIR			#			
Generator Name: MAGNA ELECTRIC VEHICLE STRUCTURES Generator Site Address: 1911 S RANGE ROAD County: SINT CLAIR County: State: TX Zip: Name of Waste: PRETREATMENT WASTEWATER Estimated Annual Volume: 15,000 Gallons II. Special Waste Department Decision: Approved Rejected Management Method(s): Landfill Solidification Bioremediation Deep Well Transfer Facility Problematic Special Waste according to Republic? Yes No If yes, which one? Approved by Special Waste Review Committee? Yes No Not Applicable Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requiremen prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Date: 3/16/2022 Name (Printed): KEITH DIAMANTI Date: 3/16/2022	I. Decision Request:	Initial	Recertification	n	☐ Change	
Generator Site Address: 1811 S RANGE ROAD City: SAINT CLAIR County: State: TX Zip:	······································					
City: SAINT CLAIR Name of Waste: PRETREATMENT WASTEWATER Estimated Annual Volume: 15,000 Galions			S			
Name of Waste: PRETREATMENT WASTEWATER Estimated Annual Volume: 15,000 Galions II. Special Waste Department Decision:						
II. Special Waste Department Decision:				State	: TX	Zip:
III. Special Waste Department Decision: Approved		ATER				
Management Method(s): Landfill Solidification Bioremediation Deep Well Transfer Facility Problematic Special Waste according to Republic? Yes No If yes, which one? Approved by Special Waste Review Committee? Yes No Not Applicable Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requiremen prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Date: 3/16/2022 III. Facility Decision: Approved Rejected	Estimated Annual Volume: 15,000 Gallons		······································			
Management Method(s): Landfill Solidification Bioremediation Deep Well Transfer Facility Problematic Special Waste according to Republic? Yes No If yes, which one? Approved by Special Waste Review Committee? Yes No Not Applicable Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requiremen prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Date: 3/16/2022 II. Facility Decision: Approved Rejected						
Management Method(s):	il. Special Waste Department Decisi	ion:	● Annroved ○ Rei	acted		
Problematic Special Waste according to Republic? Yes No Not Applicable Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirement prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Date: 3/16/2022 II. Facility Decision: Approved Rejected	•		C Approved C Key	-0100		
Approved by Special Waste Review Committee? Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirement or to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Plate: 3/16/2022 Approved Rejected	Management Method(s):	Solidificat	ion 🔲 Bioremedia	tion	✓ Deep Well (Transfer Facility
Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirement prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Name (Printed): KEITH DIAMANTI Date: 3/16/2022 II. Facility Decision:	Problematic Special Waste according to Re	public?	O Yes			
Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirement prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Date: 3/16/2022 II. Facility Decision: Approved Rejected	If yes, which one?					
Precautions, Conditions or Limitations on Approval The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirement prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Date: 3/16/2022 II. Facility Decision: Approved Rejected	•	ittee? () O. O.			
The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirement prior to acceptance and disposal of the profiled waste. Special Waste Analyst Signature: Date: 3/16/2022 Name (Printed): KEITH DIAMANT! Oate: 3/16/2022	.pp.orou ay openial trades (writer commi	(Yes ONO WIND	Applic	able	
Date: 3/16/2022 II. Facility Decision: Approved Rejected	The site must ensure that all pre-accepta	ance and verifica			• •	h the site's permit requiremen
Date: 3/16/2022						
2 Approved 2 Rejected						• •
•••			<u> </u>		Name (Prin	nted): <u>KEITH DIAMANTI</u>
i issuations, soliditions of Entitutions on Approval	Date: 3/16/2022	- Parket Control of the Control of t	Approve	ıd ()		nted): <u>KEITH DIAMANTI</u>
	Date: 3/16/2022 Ill. Facility Decision:	recautions Co	, ,		Rejected	nted): <u>KEITH DIAMANTI</u>

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

General Manager or Designee:

Date: 2.23.22

Name (Printed):



Republic Services

SERVICES 110					Way, Phoenix, AZ 85054				Χ		
INCOMPLET			SMITTAL								
TO: Korniellia Sipke	ma Sha	man		•••••			O.: 6440223286				
FAX:	to D						ceived: 3/15/20				
From: Special Was		HICLE STRU	CTURES / PRE	TREAT	Res MENT WASTEWATE	SPOI	nse Date: 3/15/2	2022			
		THOLE OTTO	OTOREO7TRE	I I Charles	VICITI VVACILIVATE	=!\					
SECTION I		SEC	TION II	T	SECTION III	T	SECTION IV		SECTION V	SE	ECTION VI
DisposalFacility	•	Transporte	rName	Nar	neOfWaste		USEPA		cteristicComponents		nAuthSignature
GeneratorName		Transporte	rSiteAddress	Pro	cessGeneratingWaste		SampleDate	FreeLi	······································		nCoName
GeneratorSiteAdo	Iress	Transporte	rCityStateZip	Тур	eOfWaste		CompositeGrab	YesNo)	□ No!	StateLetter
GeneratorCityStat	teZip	Transporte	rMailingAddress	Phy	sicalState		SampleID	☐ pH_FI	ash	Nar	me_Title
GeneratorMailing	Address	Transporte	rContactName	Met	hodOfShipment					SignatureDate	
GeneratorContact	Name	Transporte	rTe!Fax	☐ Esti	matedAnnualVolume						
GeneratorTelFax				Free	Frequency						
GeneratorStateID				O Disp	isposalConsideration						
☐ WasteCodeTexas											
ANALYTICALS	TCLP TO	OTAL METALS	TCLP VOLAT	TILES	TCLP SEMI-VOLATI	LES	PESTICIDES / H	ERBICIDE			
TotalCyanide	Arse	enic	Benzene		Cresols	*********	Chlordane		LabLetterhead		
ReactiveCyanide	Bari	um	CarbonTetra	chloride	Dichlorobenzene	One DEndrin			ChainOfCustody	,	
TotalSulfide	Cad	mium	Chlorobenze	ene	DinitrotolueneTwo		Heptachlor		NoLabSignature		
ReactiveSulfide	Chr	omium	Chloroform	L-1-1	Hexachlorobenzene		HeptachlorEpoxide		ReportOneYear	OldPlus	
TotalPCB	Сор	per	Dichloroetha	neOne	Nitrobenzene		Lindane		NoThirdPartyLab		
TOX_EOX	Lead	đ	Dichloroehyl	eneTwo	Pentachloropheno	ol	Methoxychlo	r	MissingReportPa	iges	
Phenois	Men	cury	MethylEthylKetone		Pyridine		Toxaphene		☐ MissingMSDSPa	iges	
FlashPoint	Sele	nium	Tetrachioroethylene		TrichlorophenolFive		TwoFourD		TotalSulfates		
рН	Silve	er	☐ Trichtorethylene		TrichtorphenolSix		TwoFourFiveTP		TotalSulfur		
PaintFitter	Zinc		VinylChloride)					WrongProfile		
□трн				_							
□ BTEX									GeneratorIncomp	olete	
Notes: Lab report sample. Frac	Tank day	os not motob	in of waterby c = 4 -	Gl							

Republic Inc	Ustrial and Ener omulus, MI 48174. Tele	gy Solutions phone 734 946 10	<u>, LLC</u> DO. Fax 734 946	G 1002 Profile		R WASTE PROFI	LE -
GENERATOR INFO	RMATION ectric Vehicle Structures	.	USEPA	ID# Vsqs			
Facility Address: 18	11 S Range Road		SICINA	VICS Code: Sta	le Code:		
City: Saint Clair			State: N	ΛI	_Zip Code: 480	79	-
Contact: Jennifer K	irohn Title:	EHISpecialist PI	ione: (248) <u>878</u>	-0300	Fax: ()		
	TION G Environmental Servic Aerriman Rd, Sulte 200	es	ME AS ABOVE				***************************************
City: Livonia			State: N		_Zip Code: 481	150	
Attention: Accounts	Payable Title:	PI				· · · · · · · · · · · · · · · · · · ·	
Pretreatment War Process Generating Pretreatment proc USEPA / STATE WAS 1. This waste is consi	Waste (Please be specific cas of rinse waters from zi TE IDENTIFICATION dered to be:	, incomplete informa	parts. Waste may	also contain v		scrubber.	
PHYSICAL CHARAC	TERISTICS OF WASTE						
Color:	Suspended Solid	1	5:	Spec	lfic Gravity:		7
☑ White/Clear ☑ Black/Brown	20-1% CI 3-5% CI 1-3% CI > 5%		Multi layered	□ <0.8	Ø 1.0 — 1.2		
D Other	G 1-3 % G 25%	1 -	Bi-Layered Single Phase	Exact / Othe	01.3—1.4	-, l	
pH:	D2-4 D4-6	<u> </u>		10 - 12.5		<u> </u>	1
VOC CONCENTRATIO	nt: 0 <73°F 0 73—1 N - <1 ON OF WASTE - <i>MUST BE E</i>	РРМ (N	F C 141—200	*F & >200* *D)	F 🗆 None 🗅		n Cup
ONSTITUENT Wastewater		MAX MII - 100 -	CONST	TITUENT		MAX MIN	∃% □%
							=

Metals: Indicate if the if Generator knowled	his waste contains a adge-provide backup	ny of the following : D Lab Analysis &	metals 3 Generator Knov	wledge ØTCLP OTOT	AL			
	Not Concentration	n Not	Concentration	Arsenic (As)	D004	Ø2 <5	ppm	ppm
	Present	Prese		Barium (Ba)	D005	₩ <100	ppm	ppm
PCB	20 ppm A	Momatic Amine 12	ppm	Cadmium (Cd)	D006	Ø <1	ppm	ppm
Dioxine	🖾 ppm F	Pesticides 🖸	ppm	Chromium (Cr)	D007	€2 <5	ppm	ppm
Cyanides Reactive	2 ppm R	Rodenticides 🛭 🖾	ppm	Lead (Pb)	D008	₩ <5	ppm	ppm
Cyanides Total	© ^{can} ppm F	ungicides 🔂	ppm	Mercury (Hg)	D009	☑ <0.2	ppm	ppm
Sulfides Reactive	€ ppm			Selenium (Se)	D010	₽ <1	ppm	ppm
Sulfides Total	🖾 ppm			Silver (Ag)	D011	₽<5	ppm	b hw
TCLP Organics D	012 D043 abov	e regulatory ilmits	s: Present O No	t Present 12				
IS WASTE ANY	OF THE FOLLOWIN	IG? A	Least One Box	Must Be Checked.	**********			
☐ Radioactive	☐ Water Reactive		□ Shock Sens		1 000	OT Explosis	/es	
O NIOSH Human-F	ositive Carcinogens	O NESHAP W	astes (Benzene,		•			
***************************************						, 		
SHIPPING IN	IFORMATION	•						
1. Is this a DOT	Hazardous Mate	rial (49CFR 172	.101 & 173 Su	bpart D)? 🗆 Yes t	2 No			
2. Reportable Qua	intity (RQ) in pounds							
3. DOT Shipping	Name Non-DOT, I	Non-RCRA Regu	lated		Hazard	Class	UN/N	Α
PG ER	G Hazard	ous Constituents t	or "n.o.s."					
4. Mathod of Ships	ment: 🖸 Bulk T	anker 🗅 Vac	truck E	Rail Car 🔘 Drum	e.	□Toles		
5. Number of Units	s to Ship Now 15,0	00		d Volume / Units per Year:		CIDIES	or E	l One Time
6. Special Handli	ng Requirements in	cluding PPE:		•				
			· · · · · · · · · · · · · · · · · · ·					
I hereby represent attached document information, the in-	ils. Daseu on my in formation contains	have personally iquiry and person	al knowledge of	om familiar with the informa those individuals responsi implete to the best of my k . i understand that others r	ble for su	upplying or	obtaining	the
in the handling an	d processing of the	waste material d	escribed herein		пау тегу	on uns repi	resentation	ano warranty
If this box is check Technologies mak	ced O I request En	vironmental Geo-	Technologies no	ot to correct any inconsiste characterization and/or reg	ncies. Ar	y correctio	ns Enviror	mental Gea-
Printed Name: I	Enrifer Klo	h s						. cl
	^_				1106:	ZHJ 0	PCCIAI	ijt
Generator's Signatu	re: — Ann		***************************************		Date:	3-9-6	228	
	V						·	
obtained using any	of the annicable s	BO GENERATORS	Cited in An CER	FRUCTIONS: PLEASE of REPORT using an appropri 261-Appendix 1. Fill in the waste, please contact your	ate conta	liner, A rep	resentative	sample is one
1 Grab	2.	tank				·····	·	
SAMPLING MET	HOD	COLLECTION	POINT					
David Monison	, Project Manager, ERG	ì						l
SAMPLE COLL	FCTOR'S NAME	TITLE EMPLOY	/ED					i
4 8	Frac	TAK 211	Gross	<u>L</u>				
4. Sample No #	Fractan STODY Fach ners	Preservation	Yes Cl	No & t sign below when the sen				-
	ulshed by:		venibia inua		npre pas			
		1		Received by:	i	Date	B	Time
	gnature)	Date	Time	(Signature)			- 1	