



REPUBLIC
SERVICES

28470 Citrin Drive Romulus MI 48174
o 734 946 1000 republicservices.com

March 13, 2024

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

Re: RIES Monthly Report – F039 Finalized Analysis

Dear Mr. Greenhagen:

Republic Industrial and Energy Solutions, LLC (RIES) submitted the one hundred and twenty first Report ("MR") dated February 29, 2024, and in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011). In the February 29, 2024, report, the analysis for the F039 was submitted as a preliminary report due to the laboratory not having the dioxin analysis available at the time that the report was due for submission. The finalized F039 analytical was received on March 12, 2024, and is hereby submitted as an attachment to this letter. Please remove the preliminary "F039 Analysis" from the February 29, 2024, report and replace it with the attached "F039 Analysis".

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

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

Sincerely,

John C. Barta

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

AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR **2024**
 CURRENT REPORTING MONTH **January**

Date (month, year) of the first injection into either well at the Citrin Road Facility
November 2013

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
MI-163-1W-C010, Well #1-12			
Current Month	835,348	0	835,348
Since facility first injected			60,663,853
MI-163-1W-C011, Well #2-12			
Current Month	1,334,956	0	1,334,956
Since facility first injected			42,631,816
		Lifetime Combined	103,295,669

Conversion factors

365.25 days per year ÷ 12 months per year = 30.4375 days per month
 30.4375 days per month × 1440 minutes per day = 43,830 minutes per month

Calculations

Whole number of months of injection 121

121 lifetime number of months of injection × 43,830 minutes/month
 = 5,303,430 minutes of injection

Lifetime combined injected volume 103,295,669 ÷ 5,303,430 minutes of injection
 = 19.48 gpm average injection rate

WELL 1 DATA



Injection Well 1, January 2024

	Injection Pressure (psig)		Annulus Tank Level (inch)		Annulus Pressure (psig)		Injection pH		Flow Rate (gpm)		Differential Pressure (psig)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1/1/2024	99.3	101.6	8.1	8.2	1,109.3	1,120.7	1.3	1.3	0.0	0.0	1009.7	1019.6
1/2/2024	98.9	107.8	8.1	8.2	1,103.2	1,109.7	1.1	7.2	0.0	0.0	995.4	1010.4
1/3/2024	105.6	112.2	8.1	8.2	1,094.6	1,103.8	1.0	7.2	0.0	0.0	982.5	996.1
1/4/2024	109.2	115.0	8.1	8.2	1,085.7	1,095.1	0.6	7.2	0.0	0.0	970.8	983.5
1/5/2024	111.9	115.2	8.1	8.2	1,075.5	1,086.2	0.2	7.3	0.0	0.0	961.5	971.5
1/6/2024	110.4	113.9	8.1	8.2	1,063.9	1,075.8	0.4	0.8	0.0	0.0	952.6	962.2
1/7/2024	105.6	111.3	8.1	8.1	1,052.5	1,064.3	0.7	0.9	0.0	0.0	946.6	953.4
1/8/2024	104.4	112.6	8.1	8.2	1,047.4	1,052.9	0.0	7.8	0.0	0.0	935.0	947.3
1/9/2024	110.2	116.6	8.1	8.2	1,041.2	1,048.1	0.1	0.6	0.0	0.0	924.6	935.7
1/10/2024	113.3	117.8	8.1	8.2	1,033.4	1,041.6	0.6	1.7	0.0	0.0	915.5	925.4
1/11/2024	61.7	492.7	8.1	8.2	882.4	1,159.9	1.7	7.4	0.0	79.0	545.7	916.4
1/12/2024	49.2	594.1	8.1	8.2	900.8	1,131.9	1.8	7.7	0.0	74.4	525.5	916.0
1/13/2024	69.5	625.8	8.1	8.2	874.7	1,135.1	1.7	7.7	0.0	80.8	476.6	872.0
1/14/2024	56.8	69.7	8.1	8.2	941.2	949.3	1.7	1.8	0.0	0.0	871.7	889.7
1/15/2024	22.4	649.7	8.0	8.1	766.7	1,094.0	1.7	8.3	0.0	81.0	434.0	888.5
1/16/2024	20.0	595.1	8.1	8.1	763.4	1,052.0	0.6	8.2	0.0	82.7	341.3	855.0
1/17/2024	21.2	509.8	8.0	8.1	739.6	1,031.0	0.4	6.9	0.0	80.9	444.9	774.9
1/18/2024	20.3	594.2	8.1	8.2	686.8	1,020.2	0.4	7.9	0.0	81.9	264.4	831.6
1/19/2024	22.9	579.1	8.1	8.1	708.7	997.5	0.3	7.9	0.0	80.9	309.2	788.9
1/20/2024	23.7	33.8	8.0	8.1	822.9	890.9	0.8	0.8	0.0	0.0	789.3	867.1
1/21/2024	20.0	24.1	8.0	8.1	890.5	895.0	0.8	1.0	0.0	0.0	866.5	877.1
1/22/2024	20.8	597.3	8.0	8.2	690.4	1,008.1	0.4	10.1	0.0	81.0	315.4	878.1
1/23/2024	20.8	549.0	8.1	8.2	637.2	999.8	0.2	7.7	0.0	81.2	306.5	715.8
1/24/2024	80.8	542.8	8.1	8.2	701.4	985.2	0.1	8.1	0.0	73.6	320.0	685.3
1/25/2024	86.2	489.7	8.1	8.2	680.5	924.7	0.5	8.1	0.0	71.9	351.8	714.6
1/26/2024	71.1	504.4	8.1	8.2	662.5	897.7	0.3	7.6	0.0	71.6	294.0	720.5
1/27/2024	97.2	121.5	8.1	8.2	701.0	844.6	0.7	1.1	0.0	0.0	579.5	747.4
1/28/2024	89.3	97.4	8.1	8.1	844.3	857.0	0.7	1.0	0.0	0.0	747.1	767.7
1/29/2024	87.9	470.6	8.1	8.2	647.0	999.5	0.7	7.1	0.0	72.7	288.7	769.5
1/30/2024	98.1	602.0	7.1	8.2	695.3	1,049.9	0.6	7.7	0.0	87.6	238.6	755.0
1/31/2024	136.8	597.5	7.1	7.2	846.1	1,108.1	0.5	10.6	0.0	86.5	388.1	852.2

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

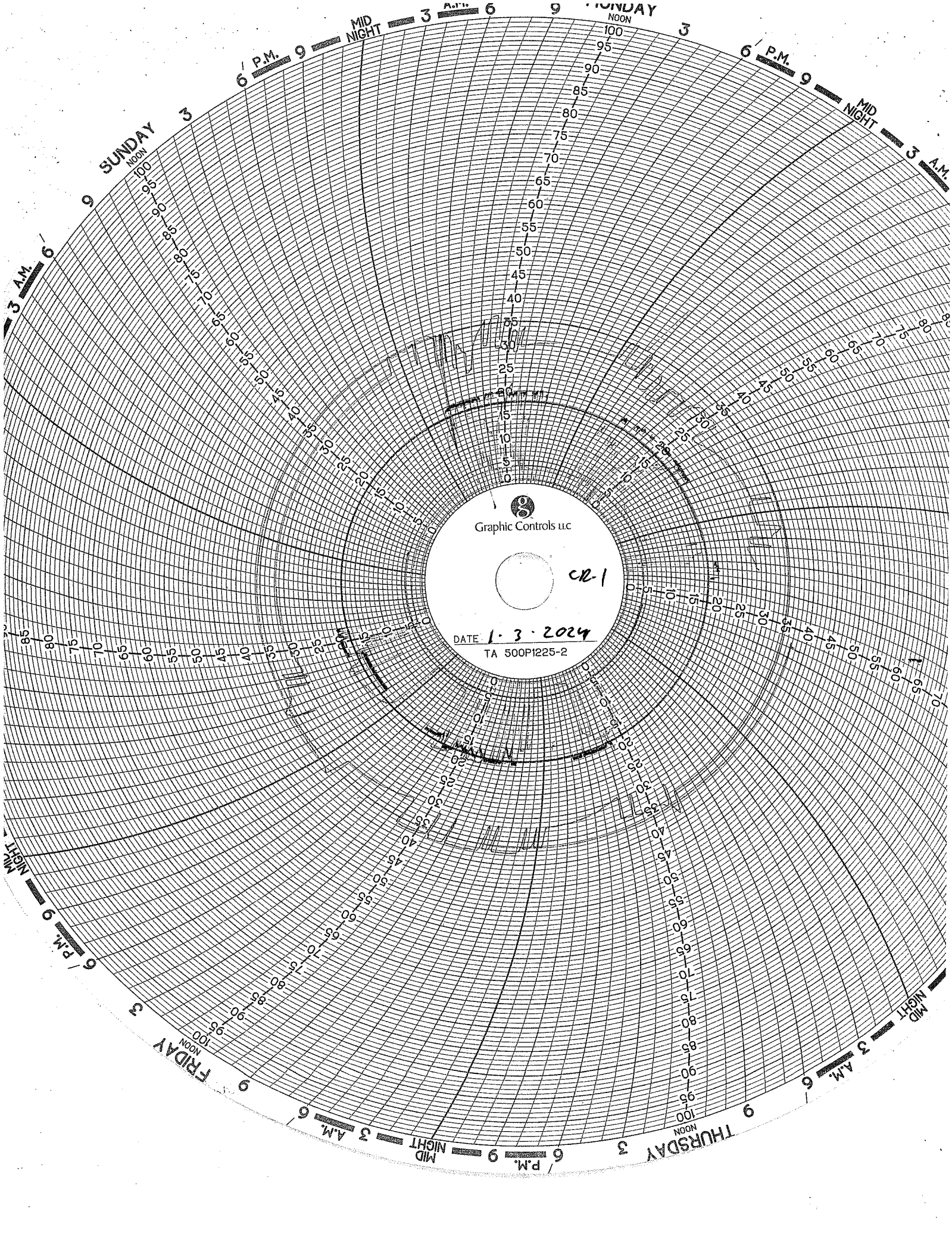
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

channel *tm*

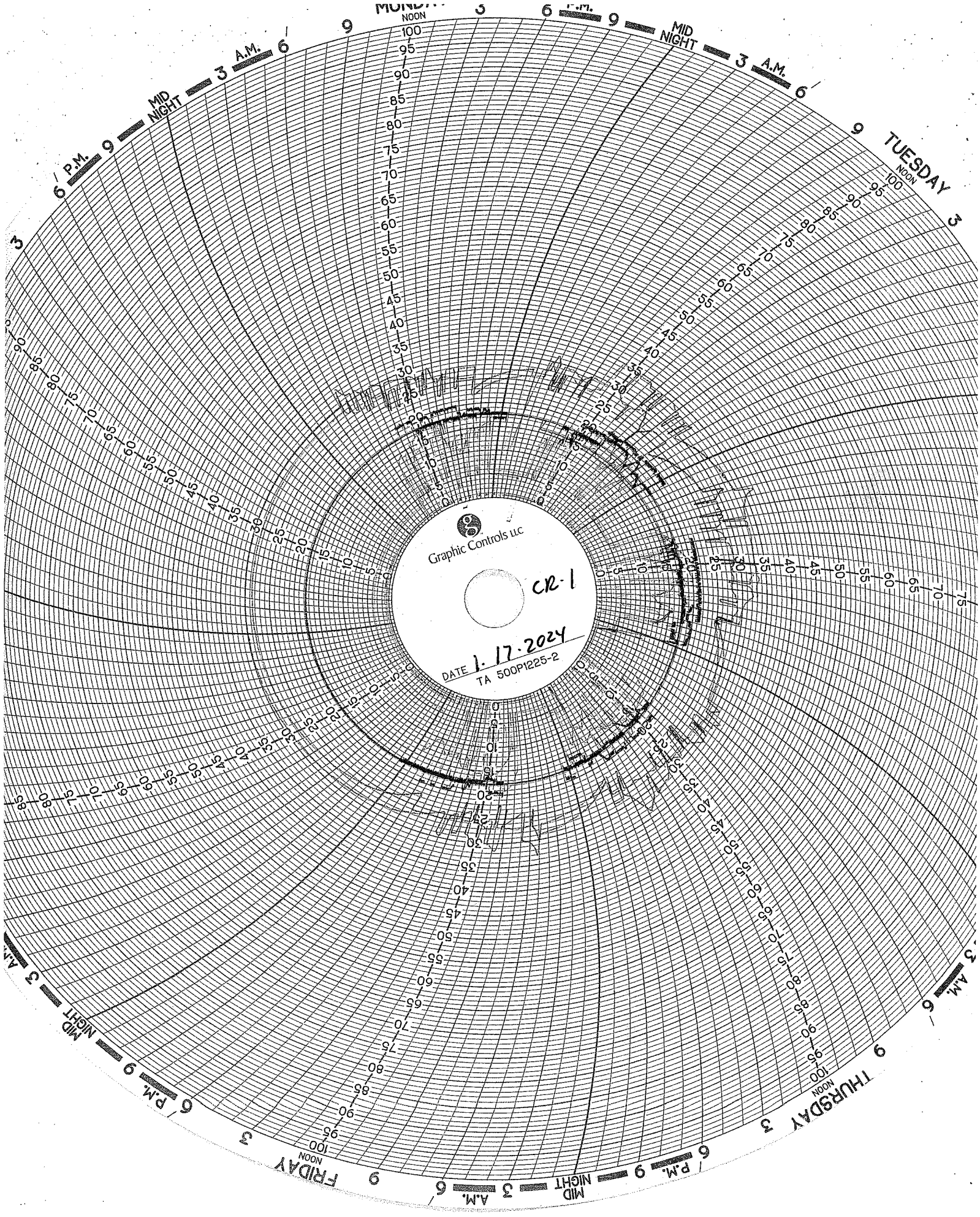
Black Pen — Temperature (chart value x 0)



Graphic Controls u.c.

CD-1

DATE 1.3.2024
TA 500P1225-2



Graphic Controls LLC

CR-1

DATE 1-17-2024
TA 500P1225-2

WELL 2 DATA



Injection Well 2, January 2024

	Injection Pressure (psig)		Annulus Tank Level (inch)		Annulus Pressure (psig)		Injection pH		Flow Rate (gpm)		Differential Pressure (psig)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1/1/2024	36.6	40.8	29.0	29.1	847.2	848.7	1.3	1.3	0.0	0.0	806.4	812.1
1/2/2024	35.9	680.6	29.0	29.1	764.3	1,008.1	1.1	7.2	0.0	84.2	310.9	813.1
1/3/2024	134.1	706.6	29.1	29.2	719.9	1,045.1	1.0	7.4	0.0	85.0	277.4	700.7
1/4/2024	118.4	679.6	29.1	29.2	694.8	1,011.3	0.6	7.2	0.0	85.0	259.2	689.7
1/5/2024	108.0	685.0	29.0	29.1	706.9	1,050.8	0.2	7.3	0.0	84.3	327.0	729.4
1/6/2024	69.5	831.7	27.8	29.2	779.0	1,318.2	0.4	0.8	0.0	84.1	481.5	1,039.6
1/7/2024	38.7	69.4	27.8	27.8	1,109.0	1,133.0	0.7	0.9	0.0	0.0	1039.6	1,094.3
1/8/2024	35.0	773.3	27.8	27.9	1,029.1	1,330.2	0.0	7.8	0.0	84.4	536.3	1,099.1
1/9/2024	91.4	680.1	27.9	28.0	1,034.9	1,263.0	0.1	0.6	0.0	84.4	557.1	1,008.0
1/10/2024	115.3	688.0	27.9	28.0	1,000.7	1,259.5	0.6	1.7	0.0	85.0	512.7	990.9
1/11/2024	100.0	688.5	27.9	28.0	1,010.1	1,291.6	1.7	7.4	0.0	84.3	567.7	982.8
1/12/2024	79.5	668.6	27.9	28.0	1,024.6	1,286.8	1.8	7.7	0.0	85.6	608.7	1,008.8
1/13/2024	90.1	689.4	27.9	28.0	1,037.3	1,279.7	1.7	7.7	0.0	74.0	563.8	1,002.9
1/14/2024	79.4	90.3	27.7	27.9	1,093.3	1,133.4	1.7	1.8	0.0	0.0	1003.0	1052.1
1/15/2024	41.7	630.6	27.6	27.7	917.6	1,268.6	1.7	8.3	0.0	75.9	573.2	1,052.6
1/16/2024	36.0	626.5	27.7	27.7	927.9	1,238.6	0.6	8.2	0.0	75.6	473.9	1,027.5
1/17/2024	28.9	556.1	27.7	27.7	919.5	1,228.8	0.4	7.0	0.0	75.3	553.3	952.6
1/18/2024	15.1	622.1	27.7	27.8	873.3	1,220.8	0.4	7.9	0.0	75.0	401.7	1022.1
1/19/2024	42.9	606.0	27.7	27.8	891.5	1,190.4	0.3	7.9	0.0	74.3	450.0	962.7
1/20/2024	22.7	44.5	27.7	27.7	1,007.1	1,077.6	0.8	0.8	0.0	0.0	962.6	1,054.9
1/21/2024	16.4	23.0	27.6	27.7	1,077.5	1,087.8	0.8	1.0	0.0	0.0	1054.6	1,071.4
1/22/2024	15.1	572.2	27.6	27.8	887.8	1,214.6	0.4	10.1	0.0	74.9	478.1	1,075.5
1/23/2024	124.5	603.6	27.8	27.9	863.1	1,158.5	0.2	7.7	0.0	74.5	432.0	924.9
1/24/2024	47.5	588.5	27.9	28.0	899.0	1,165.9	0.1	8.1	0.0	73.1	489.3	886.6
1/26/2024	114.0	589.2	27.9	28.0	899.3	1,170.6	0.5	8.1	0.0	70.8	481.5	936.9
1/26/2024	112.9	599.8	27.9	28.0	877.1	1,154.9	0.5	7.6	0.0	71.1	434.9	925.0
1/27/2024	96.2	162.6	27.8	28.0	914.1	1,071.5	0.3	1.0	0.0	0.0	751.5	975.3
1/28/2024	88.3	96.5	27.8	27.8	1,071.4	1,087.2	0.5	1.0	0.0	0.0	975.0	998.8
1/29/2024	86.9	572.8	27.8	27.9	882.4	1,182.8	0.7	7.1	0.0	70.5	444.5	1,002.9
1/30/2024	157.4	678.8	27.9	27.9	883.9	1,162.1	0.6	7.7	0.0	84.6	381.4	884.3

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

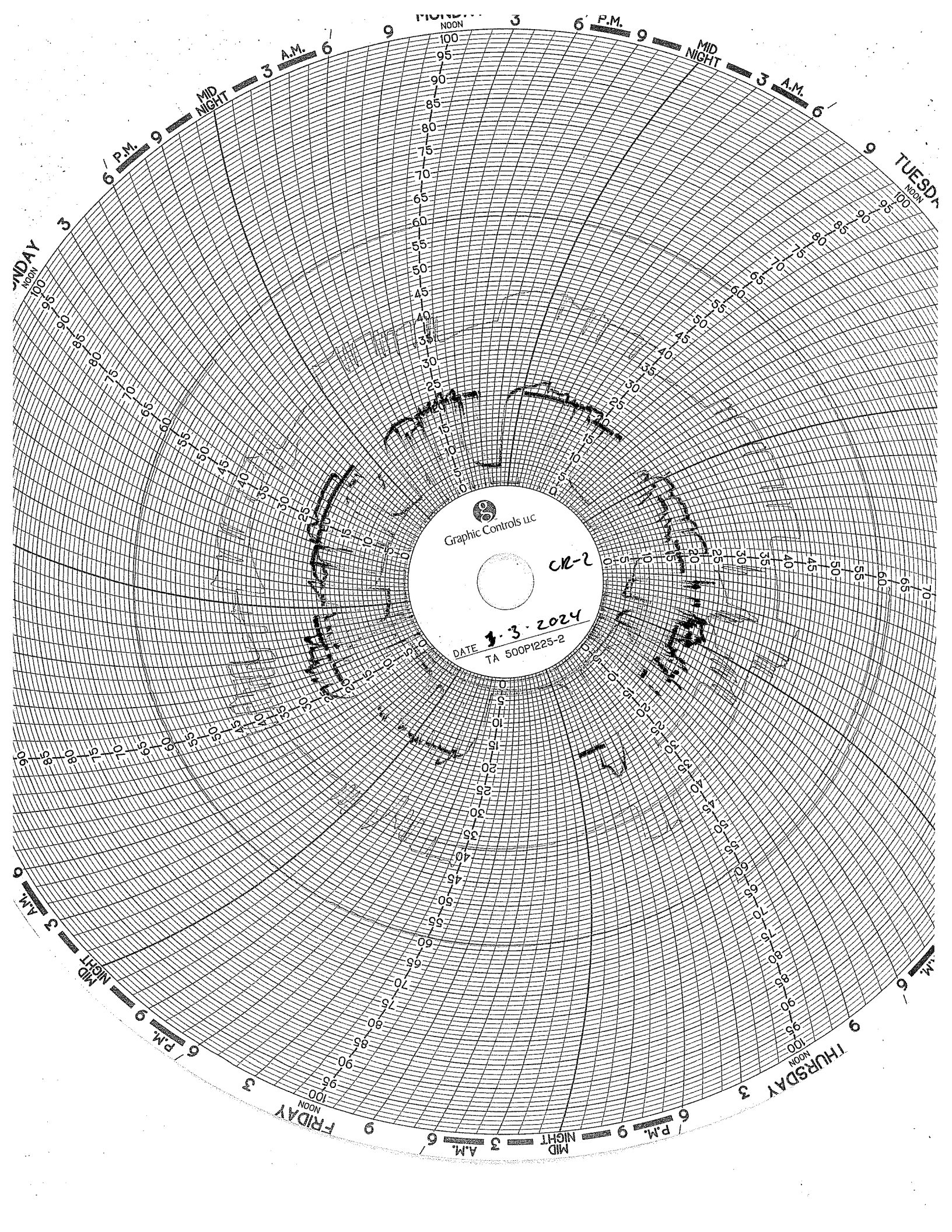
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

channel *tm*

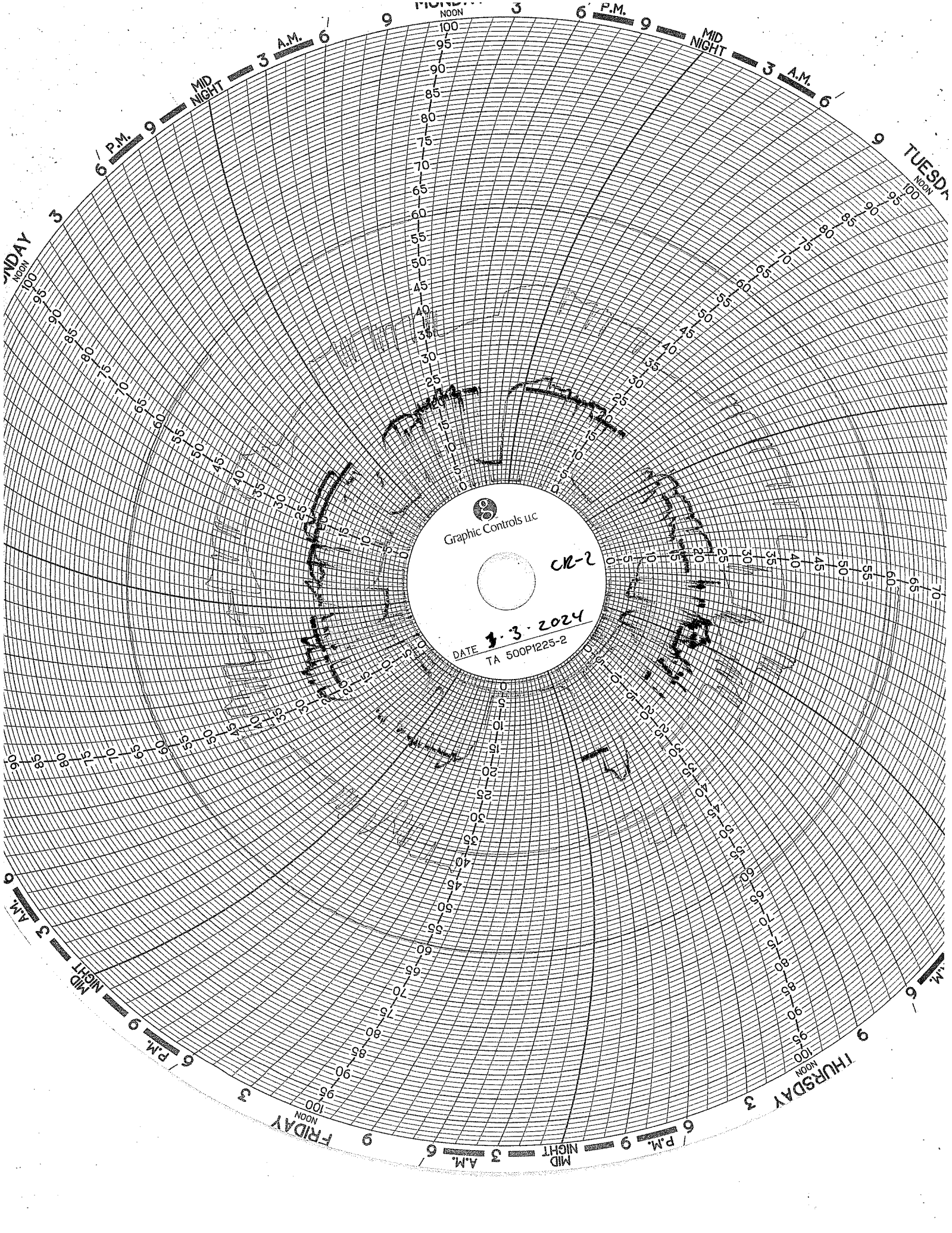
Black Pen — Temperature (chart value x 0)

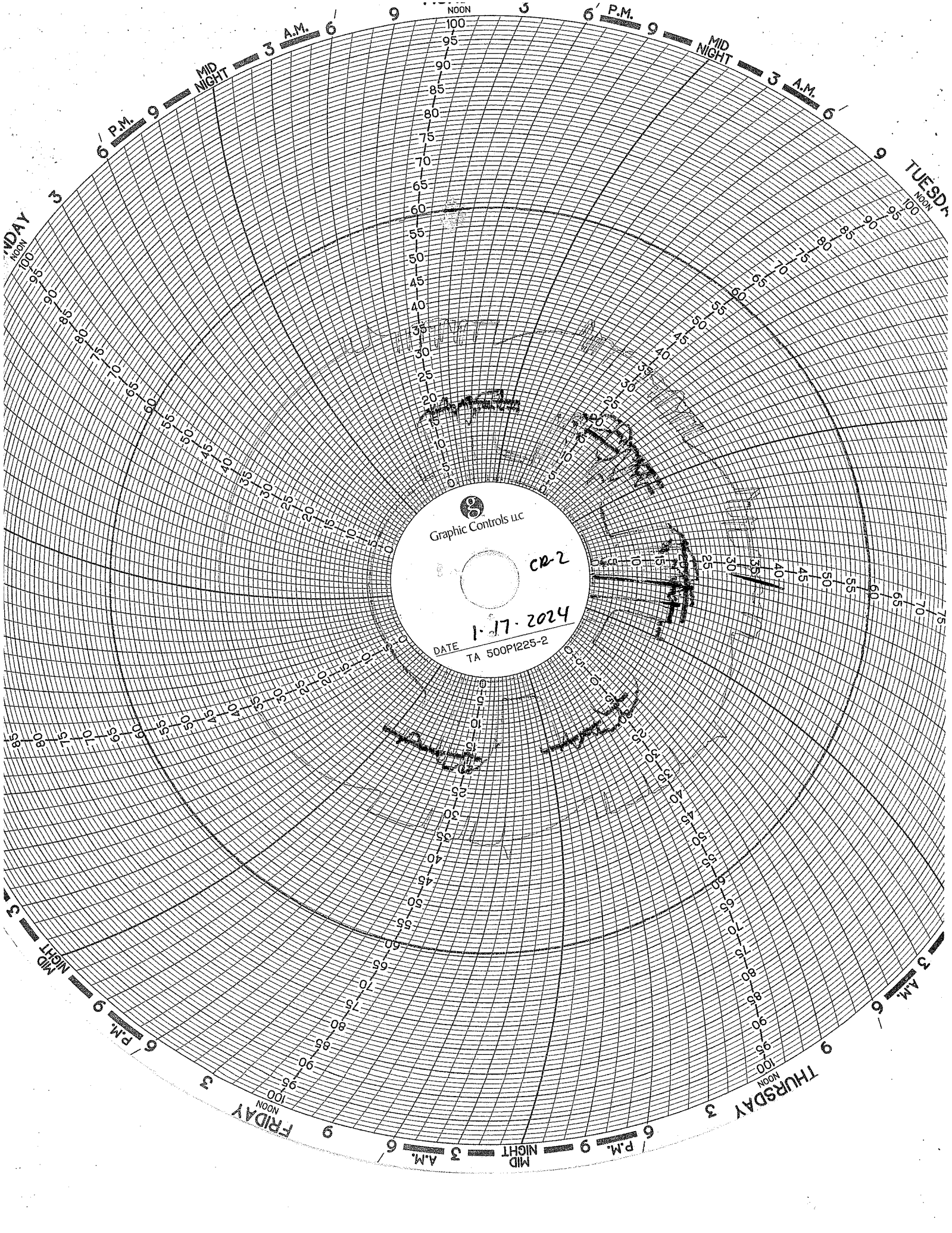
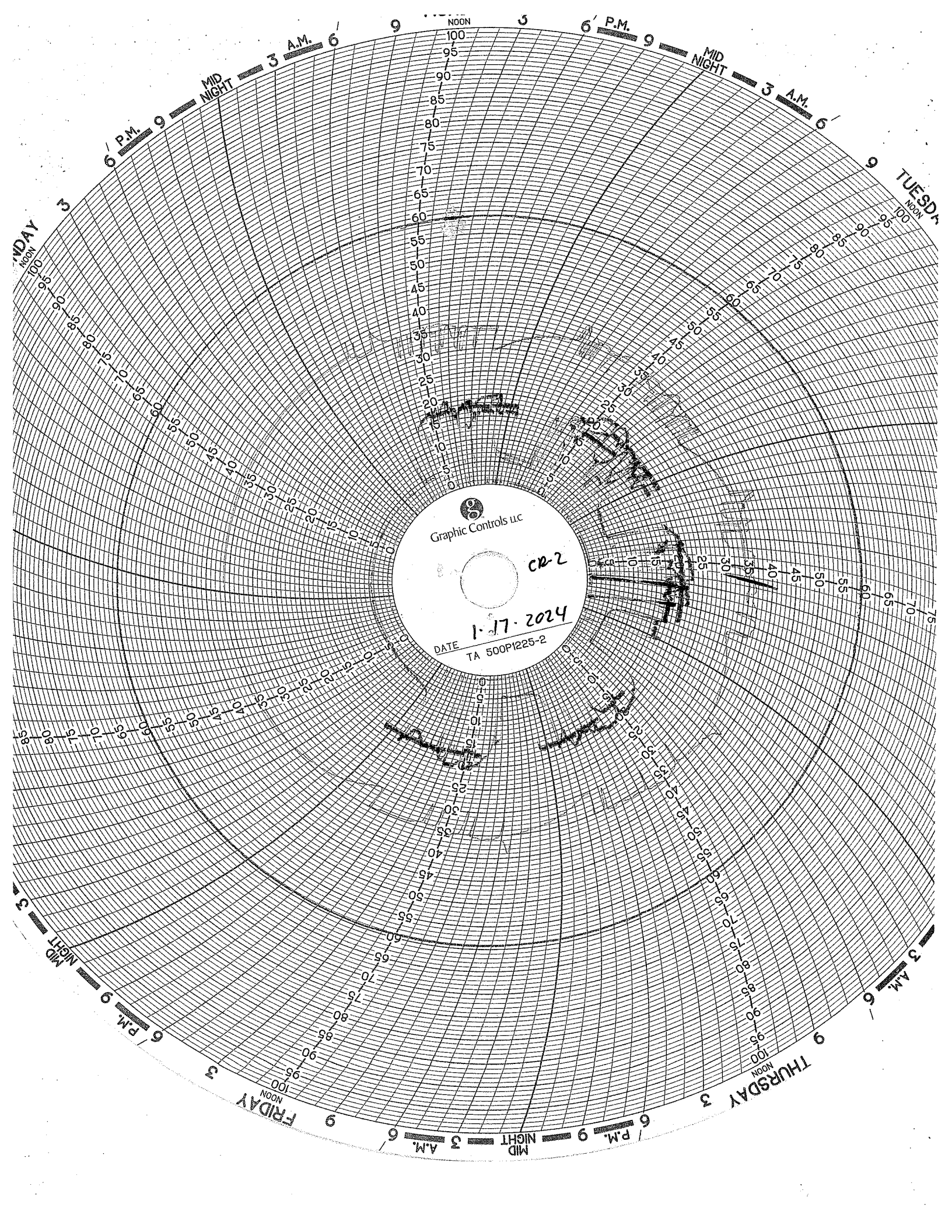


Graphic Controls LLC

CR-2

DATE 1-3-2024
TA 500P1225-2

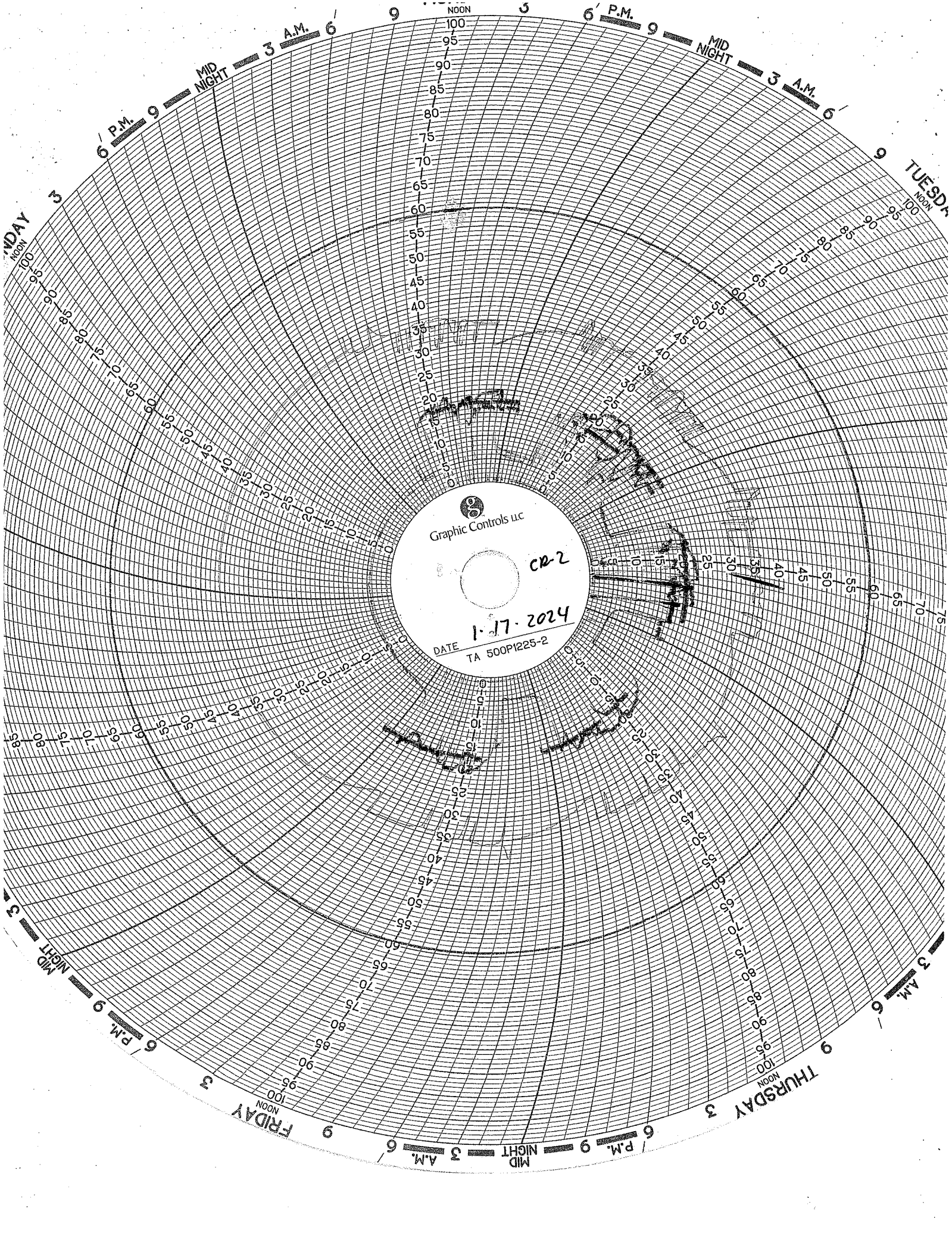


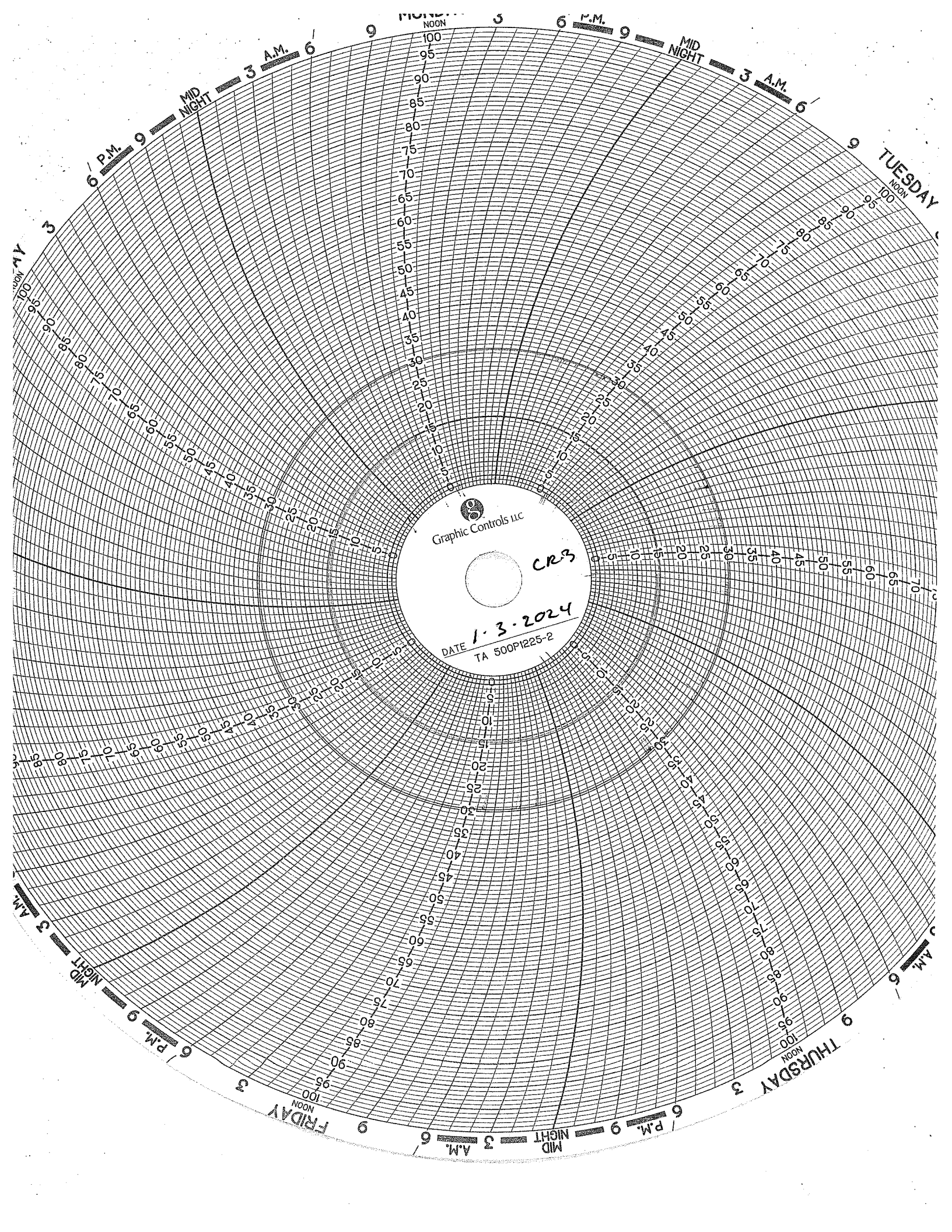


Graphic Controls LLC

CR-2

DATE 1-17-2024
TA 500PI225-2

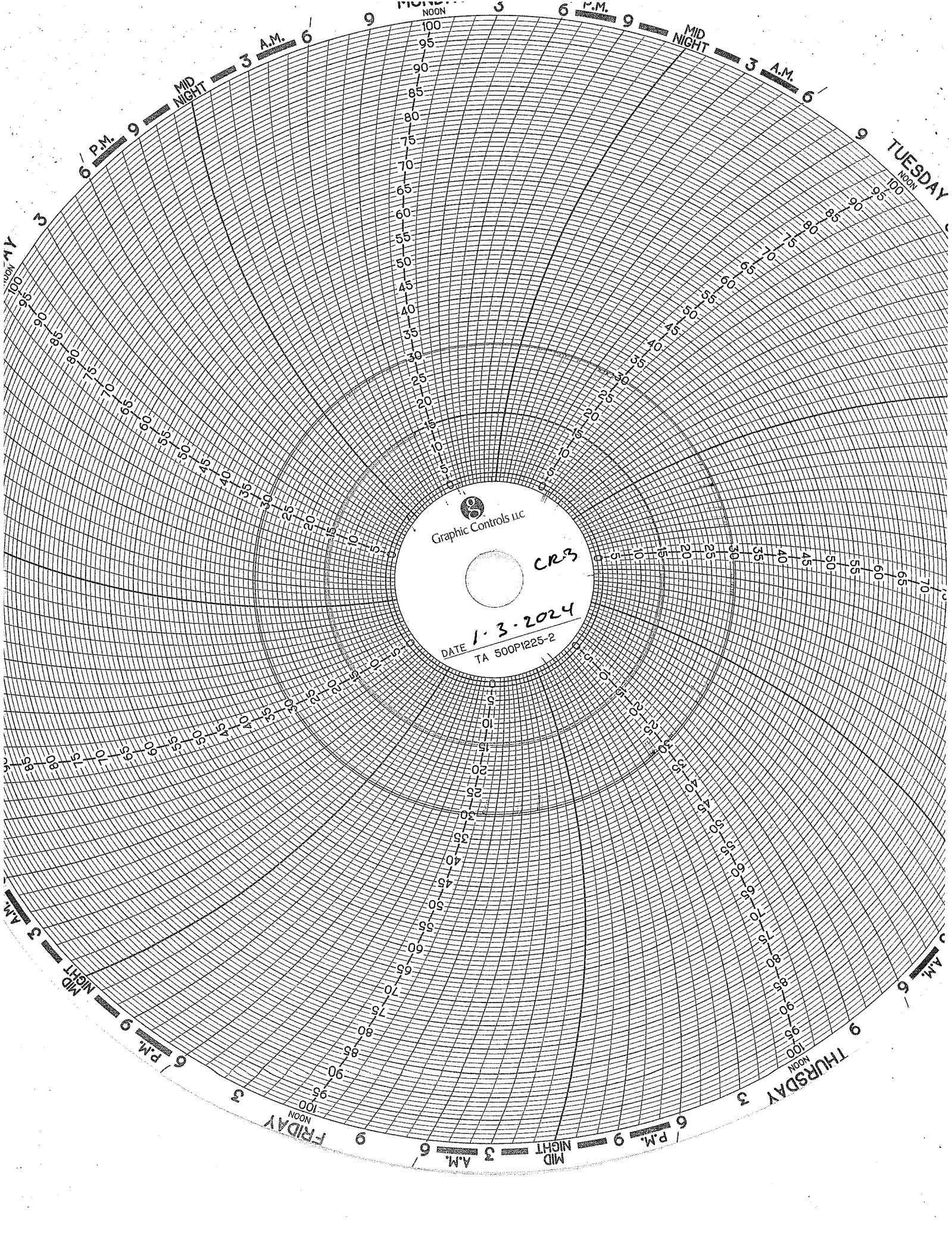




Graphic Controls LLC

CR3

DATE 1-3-2024
TA 500PI225-2



CORROSION MONITORING

**CORROSION MONITORING PLAN
COUPON SUMMARY**

Date	Hastelloy (C267)	Stainless Steel (316L)	Fiberglass (Fiberglass)	Comments
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	New hastelloy coupon
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	
3/31/2015	13.339 g	9.286 g	7.005 g	
4/27/2015	13.335 g	9.130 g	6.852 g	
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	
9/21/2015	13.336 g	8.987 g	6.792 g	
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	New stainless steel coupon
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	
2/16/2016	13.332 g	8.799 g	6.757 g	
3/31/2016	13.339 g	9.286 g	7.005 g	
4/22/2016	13.333 g	8.590 g	6.744 g	
5/31/2015	13.334 g	6.084 g	6.784 g	
6/30/2016	13.328 g	10.942 g	6.793 g	
8/3/2016	13.326 g	10.529 g	6.743 g	
8/29/2016	13.325 g	10.020 g	6.723 g	
10/27/2016	13.325 g	8.765 g	6.708 g	
11/29/2016	13.327 g	8.571 g	6.740 g	New Fiberglass coupon
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	
9/28/2017	13.325 g	7.352 g	18.060 g	
10/11/2017	13.324 g	7.350 g	18.038 g	New stainless steel coupon
11/16/2017	13.325 g	7.363 g	18.047 g	
12/12/2017	13.326 g	7.308 g	18.307 g	
1/29/2018	13.326 g	10.930 g	18.027 g	
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	

**CORROSION MONITORING PLAN
COUPON SUMMARY**

Date	Hastelloy (C267)	Stainless Steel (316L)	Fiberglass (Fiberglass)	Comments
6/20/2018	13.325 g	10.855 g	18.029 g	
7/12/2018	13.326 g	10.852 g	18.032 g	
8/21/2018	13.326 g	10.854 g	18.031 g	
9/14/2018	13.326 g	10.852 g	18.036 g	
10/10/2018	13.326 g	10.851 g	18.031 g	
11/20/2018	13.326 g	10.853 g	18.032 g	
12/11/2018	13.326 g	10.852 g	18.033 g	
1/14/2019	13.326 g	10.852 g	18.033 g	
2/20/2019	13.326 g	10.850 g	18.033 g	
3/15/2019	13.326 g	10.850 g	18.033 g	
4/10/2019	13.326 g	10.848 g	18.031 g	
5/17/2019	13.326 g	10.849 g	18.036 g	
6/5/2019	13.326 g	10.848 g	18.031 g	
7/8/2019	13.326 g	10.845 g	18.032 g	
8/12/2019	13.326 g	10.845 g	18.032 g	
9/8/2019	13.326 g	10.842 g	18.029 g	
10/17/2019	13.326 g	10.842 g	18.030 g	
11/20/2019	13.326 g	10.842 g	18.030 g	
12/11/2019	13.326 g	10.842 g	18.030 g	
1/16/2020	13.326 g	10.840 g	18.033 g	
2/6/2020	13.326 g	10.836 g	18.034 g	
3/3/2020	13.326 g	10.842 g	18.034 g	
4/9/2020	13.328 g	10.839 g	18.037 g	
5/12/2020	13.322 g	10.830 g	18.035 g	
6/16/2020	13.316 g	10.771 g	18.009 g	
7/16/2020	13.308 g	10.560 g	17.843 g	
8/25/2020	13.310 g	10.214 g	17.773 g	
9/24/2020	13.289 g	9.796 g	17.656 g	
10/19/2020	13.282g	9.737g	17.621g	
11/5/2020	13.280g	9.728g	17.600g	
12/3/2020	13.281g	9.730g	17.689g	
2/10/2021	13.284g	9.728g	17.683g	
3/9/2021	13.290g	9.733g	17.585g	
4/13/2021	13.288g	9.730g	17.649g	
5/18/2021	13.282g	9.691g	17.543g	
6/17/2021	13.279g	9.639g	17.546g	
7/19/2021	13.278g	9.480g	17.507g	
8/3/2021	13.278g	9.437g	17.467g	
9/14/2021	13.277g	9.392g	17.467g	
10/11/2021	13.277g	9.359g	17.465g	
11/3/2021	13.277g	9.350g	17.273g	
12/15/2021	13.276g	9.351g	17.256g	
1/17/2022	13.276g	9.351g	17.256g	
2/15/2022	13.276g	9.347g	16.965g	
3/18/2022	13.281g	9.368g	17.246g	
4/18/2022	13.275	9.339	16.656	
5/16/2022	13.298	9.328	16.600	
6/15/2022	13.276	9.300	16.219	
7/20/2022	13.303	9.324	16.393	
8/17/2022	13.277	9.195	15.841	
9/9/2022	13.276	9.171	15.757	
10/19/2022	13.274	9.157	15.623	

Well 1 workover new well

**CORROSION MONITORING PLAN
COUPON SUMMARY**

Date	Hastelloy (C267)	Stainless Steel (316L)	Fiberglass (Fiberglass)	Comments
11/18/2022	13.274	9.145	15.801	
12/19/2022	13.278	9.132	15.588	
1/18/2023	13.276	9.131	15.761	
2/15/2023	13.274	9.130	15.728	
3/17/2023	13.280	9.138	15.779	
4/25/2023	13.275	9.130	15.726	
5/23/2023	13.276	9.131	15.700	
6/19/2023	13.275	9.088	15.647	
7/20/2023	13.275	9.009	15.607	
8/18/2023	13.274	8.999	15.495	
9/25/2023	13.273	8.983	15.480	
10/12/2023	13.275	8.984	15.425	
11/15/2023	13.271	8.981	15.349	
12/11/2023	13.274	8.984	15.331	
1/17/2024	13.274	8.988	15.371	

CORROSION MONITORING COUPONS VISUAL DESCRIPTION

January 2024

Fiberglass Coupon

The coupon is black in color with white streaks/marbling and has a semi-smooth texture on both sides. Its cut edges appear sanded. The coupon is free of cracks, pitting, swelling, blemishes, and corrosion. There is no obvious effect on this coupon since last month.

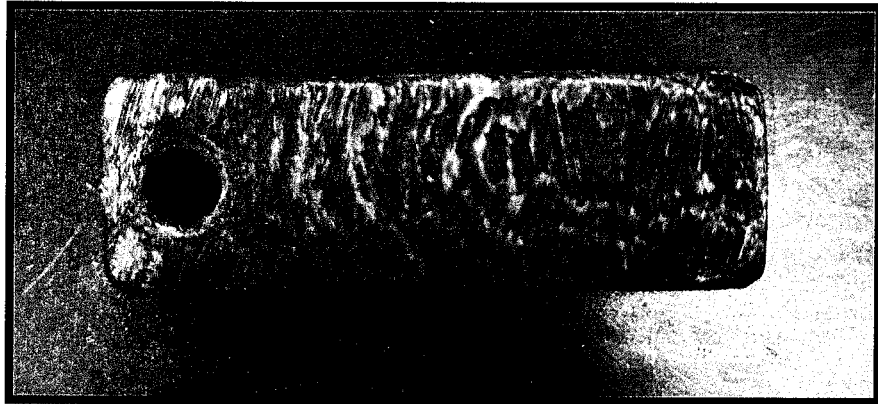
Hastelloy Coupon

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

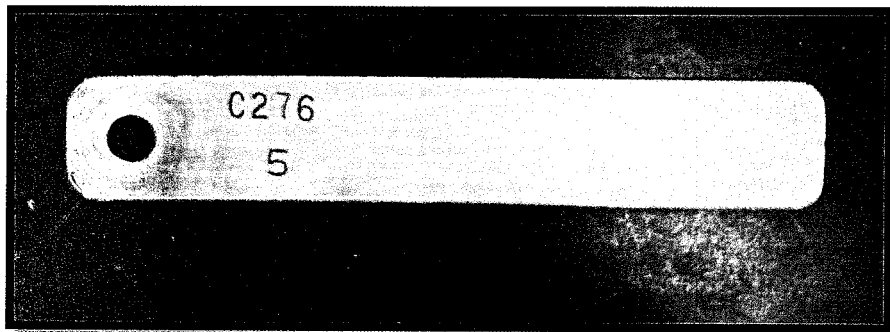
Stainless Steel Coupon

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

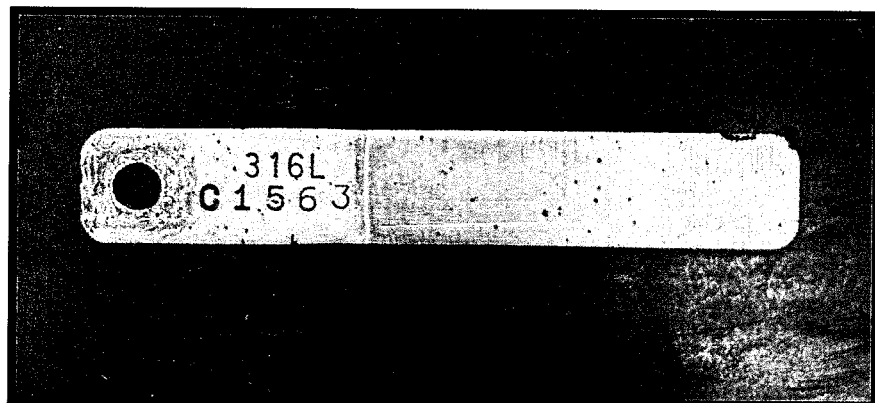
There is a slight effect to this coupon.



Fiberglass Coupon 1-17-2024 , 15.371g



Hastelloy Coupon C276 1-17-2024, 13.274 g



Stainless Steel Coupon 316L / C1563, 8.988 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.



Progress Through Innovation, Technology and Customer Satisfaction

October 22, 2015

• TEST REPORT •

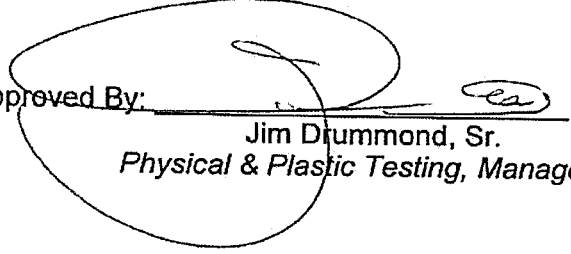
PN 125322
PO 00154

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



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Fax (330) 794-6610 | Worldwide (330) 794-6600



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

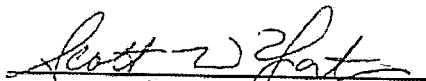
96

Prepared By:


Melissa Martin
Sr. Project Technician

to

Approved By:


Scott W. Yates
Plastics Testing Assistant Manager



Progress Through Innovation, Technology and Customer Satisfaction

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:


Melissa Martin
Senior Project Technician

Rev 041916

Approved By:


Jim Drummond
Physical Testing, Manager



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Fax (330) 794-6610 | Worldwide (330) 794-6600



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.

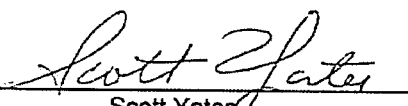
BARCOL HARDNESS ASTM D 2583-13a
Instant Reading

RESULTS

Barcol Hardness, Instant 96

Prepared By: 
Melissa Martin
Senior Project Technician

wk

Approved By: 
Scott Yates
Plastics Testing, Assistant Manager

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Progress Through Innovation, Technology and Customer Satisfaction

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: [Signature]
Melissa Martin
Sr Project Technician

Approved By: [Signature]
Jim Drummond
Rubber & Plastic Testing, Manager

Rev 041916



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December 13, 2017

John Frost
Environmental Geo-Technologies, LLC

Page 2 of 2
PN 139140

SUBJECT: Barcol Hardness on one material.

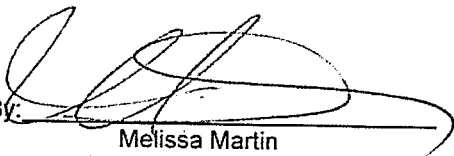
RECEIVED: One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a
Instant Reading

Results

Barcol Hardness, Instant	96
--------------------------	----

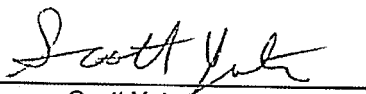
Prepared By:



Melissa Martin
Sr Project Technician

sc

Approved By:



Scott Yates
Plastics Testing, Assistant Manager

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

Ghesquiere Plastic Testing, Inc.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

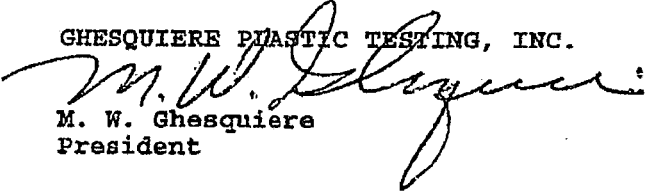
The following determination was made based upon the above test:

BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	90

Specimen is being returned with this report for further evaluation.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

MWG/kni

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TOTAL 1 PAGES

Ghesquiere Plastic Testing, Inc.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.
(P. O. #Credit Card).

WORK PERFORMED:

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 was returned to the client on February 17, 2014.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

MWG/dm

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TOTAL 1 PAGES

Ghesquiere Plastic Testing, Inc.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.
(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

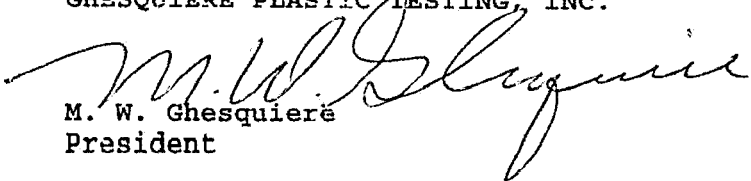
The following determination was made based upon the above test:

BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	85

Specimen was returned to the client June 16, 2014.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

MWG/dm

October 2, 2014

• TEST REPORT •

PN 118325


PO Attn: John Frost

PLASTICS TESTING DEPARTMENT

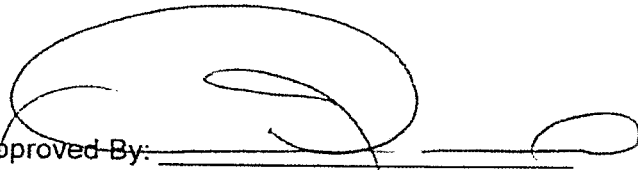
Prepared For:

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

Prepared By:


Melissa Martin
Sr. Project Technician

Approved By:


Jim Drummond
Physical & Plastics Testing, Manager



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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

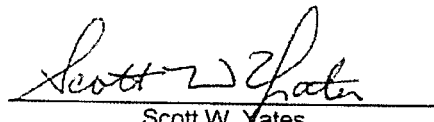
Prepared By:



Melisse Martin
Sr. Project Technician

st

Approved By:



Scott W. Yates
Plastics Testing Assistant Manager

www.ardl.com

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BARCOL HARDNESS REPORT

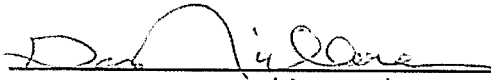
Customer: Republic Industrial and Energy Solutions, LLC

Component Tested: Test Coupon

PO Number: 9575553 Job Number: 3415

Calibration: Disc: 43 - 48 Actual Reading: 45

Barcol Readings	1	2	3	Average
Side One:	62	63	58	61
Side Two:	58	60	57	58
	Overall Average:			60

Tested By: 
(signature)

Gary Nicholson Date: 01/12/2021
(print or type name)

BARCOL HARDNESS REPORT

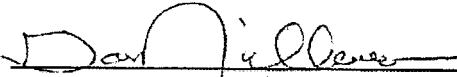
Customer: Republic Industrial and Energy Solutions, LLC

Component Tested: Test Coupon

PO Number: 10159792 Job Number: 3556

Calibration: Disc: 43 - 48 Actual Reading: 45

Barcol Readings	1	2	3	Average
Side One:	56	60	60	59
Side Two:	60	62	62	61
	Overall Average:			60

Tested By: 
(signature)

Gary Nicholson Date: 10/11/2021
(print or type name)

BARCOL HARDNESS REPORT

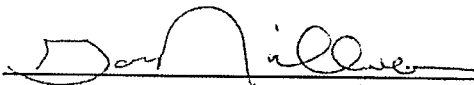
Customer: Republic Industrial and Energy Solutions

Component Tested: Fiberglass Coupon

PO Number: Credit Card **Job Number:** 3734

Calibration: **Disc:** 43 - 48 **Actual Reading:** 45

Barcol Readings	1	2	3	Average
Side One:	55	50	58	54
Side Two:	53	56	59	56
	Overall Average:			55

Tested By: 
(signature)

Gary Nicholson **Date:** 08/23/2022
(print or type name)

BARCOL HARDNESS REPORT

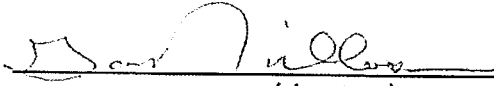
Customer: Republic Services

Component Tested: Coupon

PO Number: Verbal Job Number: 3969

Calibration: Disc: 43 - 48 Actual Reading: 46

Barcol Readings	1	2	3	Average
Side One:	55			55
Side Two:	53			53
	Overall Average:			54

Tested By: 
(signature)

Gary Nicholson
(print or type name)

Date: 11/28/2023

MAINTENANCE

UIC Monthly Maintenance Log

1/18/2024	Well 2	Added alarm for well containment level sensor
1/22/2024	Well 1	Added alarm for well containment level sensor

INJECTION FINGERPRINTS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/2/24
Receiving ID#	Z01022401
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.1
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.0
Conductivity	193.76
% Solids	
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/21/2014
Receiving ID#	J-01022403
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	Generator
Client	
Transporter	
Time in	14:30
Time out	
Received by	
Sampled by	D. Libon M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	6.35
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.1
Conductivity	473
% Solids	1.82%
Turbidity	Yes No
Color	
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/21/2014
Receiving ID#	J-01022403
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	Generator
Client	
Transporter	
Time in	11:01
Time out	
Received by	
Sampled by	JMA

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	5.45
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.2
Conductivity	50.1
% Solids	3.34%
Turbidity	Yes No
Color	2.01
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/02 / 2374
Receiving ID#	1-01272405
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:40
Time out	
Received by	Dustin M.
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	5.70
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.9
Conductivity	15.8
% Solids	1.5%
Turbidity	Yes No
Color	yellow
TSS (%)	< 10
Radiation Screen (as needed)	yes
Lab Signature/Initials	DM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1-7-73
Receiving ID#	10012404
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:55
Time out	
Received by	Lu Lu
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	5.70
pH (S.U.)	1.29
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	193.1
Conductivity	193.9
% Solids	2.1%
Turbidity	Yes No
Color	yellow
TSS (%)	< 10
Radiation Screen (as needed)	yes
Lab Signature/Initials	Lu Lu

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	10/13/2024
Receiving ID#	101032407
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LABORATORY INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	6.42
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.8
Conductivity	46.9
% Solids	1.75
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	10/13/2024
Receiving ID#	101032401
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LABORATORY INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	6.38
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.7
Conductivity	47.6
% Solids	2.54%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	12-1-23
Receiving ID#	101032404
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	1700
Time in	
Time out	
Received by	Cr Cr
Sampled by	

Compatible? (RT#)	
POBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	2146
Flash Point (F)	1.07
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.05
Specific Gravity	Liquid
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54.4
Conductivity	7200
% Solids	2.68
Turbidity	Yes No
Color	Light brown
TSS (%)	56
Radiation Screen (as needed)	
Lab Signature/Initials	Cr Cr

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	12-1-23
Receiving ID#	101032404
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	Cr Cr
Sampled by	

Compatible? (RT#)	
POBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	2140
Flash Point (F)	6.77
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.01
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	59.2
Conductivity	46.4
% Solids	
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	Cr Cr

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	4/11/2021
Receiving ID#	10032105
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	TG/13/PER
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
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)	67.0
Conductivity	47.60
% Solids	1.85%
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

Receiving & Departure Approval Form

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01-03-24
Receiving ID#	10032105
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>146
pH (S.U.)	-0.42
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.06
Physical Description	<i>[Signature]</i>
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.3
Conductivity	241.6
% Solids	3.33
Turbidity	Yes No
Color	Clear
TSS (%)	<5
Radiation Screen (as needed)	
Lab Signature/Initials	

Receiving & Departure Approval Form

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1/14/20
Receiving ID#	101042403
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.32
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.8
Conductivity	85.6
% Solids	2.46%
Turbidity	Yes No
Color	
TSS (%)	4.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1/14/20
Receiving ID#	101042403
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.64
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	
Conductivity	48.7
% Solids	2.09%
Turbidity	Yes No
Color	
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/04/2021
Receiving ID#	101042105
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	2100
Time in	
Time out	
Received by	<i>Lufer</i>
Sampled by	

TEST INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	140
pH (S.U.)	1.10
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.3
Conductivity	20.4
% Solids	2.9
Turbidity	Yes No
Color	Brown
TSS (%)	0
Radiation Screen (as needed)	net
Lab Signature/Initials	Lufer

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/04/2021
Receiving ID#	101042105
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:55
Time out	
Received by	
Sampled by	Dellon M.

TEST INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	140
Flash Point (F)	101
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.3
Conductivity	105.1
% Solids	1.98
Turbidity	Yes No
Color	0.01
TSS (%)	0.81
Radiation Screen (as needed)	net
Lab Signature/Initials	Dellon M.

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/05/2011
Receiving ID#	101052402
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	12-07
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.25
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.4
Conductivity	547
% Solids	1.99%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/05/2011
Receiving ID#	101052402
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.10
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.4
Conductivity	222.0
% Solids	4.09%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	11/9/2021
Receiving ID#	T21047544
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:15
Time out	
Received by	
Sampled by	Dalton M.

Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	140
Flash Point (F)	101
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.04
Specific Gravity	
Physical Description	Light
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.3
Conductivity	103.1
% Solids	1.96
Turbidity	Yes No
Color	000
TSS (%)	0.85
Radiation Screen (as needed)	neg
Lab Signature/Initials	DM

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

Date	11/5/2021
Receiving ID#	T21047544
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	Dalton M.

Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.65
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.0
Conductivity	53.0
% Solids	1.95
Turbidity	Yes No
Color	601
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	DM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1/05/2021
Receiving ID#	101052704
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:24
Time out	14:20
Received by	WATSON
Sampled by	

TEST INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.0
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.5
Conductivity	5.64
% Solids	5.1
Turbidity	Yes No
Color	Yellow
TSS (%)	0.1
Radiation Screen (as needed)	N/C
Lab Signature/Initials	WATSON

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Re:

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1/04/2021
Receiving ID#	101047105
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	2:00
Time out	
Received by	WATSON
Sampled by	

TEST INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.0
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.3
Conductivity	20.1
% Solids	2.1
Turbidity	Yes No
Color	Brown
TSS (%)	0
Radiation Screen (as needed)	N/C
Lab Signature/Initials	WATSON

Receiving & Departure Approval Form

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1/6/2020
Receiving ID#	101062403
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:30
Time out	
Received by	<i>M. Ender</i>
Sampled by	<i>M. Ender</i>

LABORATORY INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140°
pH (S.U.)	1.45
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.000
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54°
Conductivity	54.2
% Solids	0.66%
Turbidity	Yes No
Color	
TSS (%)	2.0%
Radiation Screen (as needed)	
Lab Signature/Initials	<i>M. Ender</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1/7/2020
Receiving ID#	101062403
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:30
Time out	
Received by	<i>M. Ender</i>
Sampled by	<i>M. Ender</i>

LABORATORY INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140°
pH (S.U.)	0.86
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.050
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54°
Conductivity	0
% Solids	3.20%
Turbidity	Yes No
Color	
TSS (%)	60.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>M. Ender</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/30/24
Receiving ID#	I 01 08 467
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:30
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	7.15
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Yes No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63
Conductivity	48.505
% Solids	2.25
Turbidity	Yes No
Color	
TSS (%)	LO
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/06/24
Receiving ID#	I 01 06 103
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:55
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.09
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Yes No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.7
Conductivity	2300
% Solids	4.32%
Turbidity	Yes No
Color	5000
TSS (%)	LO
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/03/24
Receiving ID#	101082403
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:20
Time out	
Received by	
Sampled by	DMA

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	4.87
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	L (OIL)
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.7
Conductivity	52.1
% Solids	2.01%
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/08/24
Receiving ID#	101082402
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	6.97
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.9
Conductivity	39.2
% Solids	2.15
Turbidity	Yes No
Color	0.1
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/08/24
Receiving ID#	101082704
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	2:11
Time out	
Received by	ABC
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	140
pH (S.U.)	1.0
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	Liquid
Stream Consistency	Yes
Oil in Sample?	Yes
Temperature (F)	59.3
Conductivity	500
% Solids	28.0 mg
Turbidity	7.98
Color	Black
TSS (%)	6.8
Radiation Screen (as needed)	None
Lab Signature/Initials	ABC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/08/24
Receiving ID#	101082704
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	1:00
Time out	
Received by	
Sampled by	JSW

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	NA
TOC ppm (CC Waste Only)?	
Flash Point (F)	210
pH (S.U.)	1.1
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Crude
Stream Consistency	Yes
Oil in Sample?	No
Temperature (F)	65.6
Conductivity	200
% Solids	5.75%
Turbidity	Yes
Color	Black
TSS (%)	50.1
Radiation Screen (as needed)	None
Lab Signature/Initials	JSW

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/08/24
Receiving ID#	10102402
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:34
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.07
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.3
Conductivity	2637 uS
% Solids	8.9%
Turbidity	Yes No
Color	
TSS (%)	5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/08/24
Receiving ID#	10102402
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:34
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.16
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.9
Conductivity	1620 uS
% Solids	7.0%
Turbidity	Yes No
Color	
TSS (%)	5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/09/24
Receiving ID#	2010924104
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	17:26
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.08
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.7
Conductivity	231.7
% Solids	3.07%
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/9/24
Receiving ID#	201092403
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	13:50
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.44
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.3
Conductivity	87.9
% Solids	1.36%
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	07/10 /24
Receiving ID#	20102402
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:40
Time out	
Received by	J. J. [Signature]
Sampled by	J. J. [Signature]

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.85
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil In Sample?	Yes No
Temperature (F)	62.5
Conductivity	> 10000
% Solids	5.10
Turbidity	Yes No
Color	
TSS (%)	40
Radiation Screen (as needed)	
Lab Signature/Initials	[Signature]

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	07/09 /24
Receiving ID#	20102405
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:44
Time out	
Received by	[Signature]
Sampled by	[Signature]

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.14
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil In Sample?	Yes No
Temperature (F)	59.4
Conductivity	229.0
% Solids	217%
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	[Signature]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/10/24
Receiving ID#	10121003
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	1356
Time in	
Time out	
Received by	
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	2.02
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Liquid
Stream Consistency	Yes
Oil in Sample?	No
Temperature (F)	59.5
Conductivity	7200 uS
% Solids	5%
Turbidity	Yes
Color	Brown
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	MLP

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/10/24
Receiving ID#	10121003
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	10:10
Time out	
Received by	JSA
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	2.4
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.08
Physical Description	
Stream Consistency	Yes
Oil in Sample?	No
Temperature (F)	63.5
Conductivity	100.3 uS
% Solids	9.56
Turbidity	Yes
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	JSA

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/16/24
Receiving ID#	10167405
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:42
Time out	
Received by	
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	240
Flash Point (F)	1.95
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.07
Specific Gravity	Light
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60
Conductivity	7200 uM
% Solids	5.6
Turbidity	Yes No
Color	Brown
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	Neg

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/17/24
Receiving ID#	101103784
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1:37
Time out	
Received by	VJAN
Sampled by	VJAN

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	2.81
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Light
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.3
Conductivity	116.7
% Solids	86
Turbidity	Yes No
Color	TR
TSS (%)	4.01
Radiation Screen (as needed)	
Lab Signature/Initials	Neg VJAN

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/11/24
Receiving ID#	10117402
Manifest #	Line
Land Ban Cert Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time In	10:02 AM
Time out	
Received by	<i>[Signature]</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.43
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.5
Conductivity	47.6
% Solids	1.7
Turbidity	Yes No
Color	black
TSS (%)	LO
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/11/24
Receiving ID#	10117402
Manifest #	Line
Land Ban Cert Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time In	7:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.3
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.8
Conductivity	51.7 us
% Solids	2.56
Turbidity	Yes No
Color	LO
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/11/24
Receiving ID#	TO112404
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:50
Time out	
Received by	<i>[Signature]</i>
Sampled by	D. H. H.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	NA
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.10
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	55.3
Conductivity	136
% Solids	2.04%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/11/24
Receiving ID#	TO112403
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	A. D. H.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.50
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.8
Conductivity	50.1
% Solids	2.40
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/11/24
Receiving ID#	10117460
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	2115
Time out	
Received by	luc
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.89
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.50
Specific Gravity	1.02
Physical Description	Clear
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.8
Conductivity	247.9
% Solids	3.67
Turbidity	Yes No
Color	gray
TSS (%)	10
Radiation Screen (as needed)	
Lab Signature/Initials	JAH

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/11/24
Receiving ID#	10117460
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	1917
Time out	
Received by	VALW
Sampled by	VALW

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.33
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Clear
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.1
Conductivity	71.2
% Solids	0.85
Turbidity	Yes No
Color	Dark
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	VALW

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/24
Receiving ID#	IC1122402
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	4:22
Time out	
Received by	<i>J. W. [Signature]</i>
Sampled by	<i>J. W. [Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.9
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.7
Conductivity	49.9-5
% Solids	4.27
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. W. [Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/24
Receiving ID#	IC1122401
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:50
Time out	
Received by	<i>J. W. [Signature]</i>
Sampled by	<i>J. W. [Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	8.38
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.1
Conductivity	47.6-5
% Solids	1.74
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. W. [Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/24
Receiving ID#	ZC/12-2404
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:12
Time out	
Received by	
Sampled by	A. W. 1/24

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	7.74
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.7
Conductivity	50.2
% Solids	2.55%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/24
Receiving ID#	I 0112-2403
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:30
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	7.74
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.8
Conductivity	51.1
% Solids	3.24
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/24
Receiving ID#	101123406
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:05
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.33
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.8
Conductivity	51.0
% Solids	4,507.0
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/24
Receiving ID#	101123406
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:10
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.45
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.1
Conductivity	50.5
% Solids	261%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/13/24
Receiving ID#	T01132401
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	06:30
Time out	
Received by	<i>R. Tucker</i>
Sampled by	<i>R. Tucker</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140°
pH (S.U.)	8.70
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.000
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57°
Conductivity	45.3
% Solids	3.25%
Turbidity	Yes No
Color	
TSS (%)	<0.4
Radiation Screen (as needed)	
Lab Signature/Initials	<i>R. Tucker</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/12/24
Receiving ID#	T01122407
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:00
Time out	
Received by	
Sampled by	<i>D. W. M.</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.70
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.011
Physical Description	<i>Light</i>
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.1
Conductivity	49.6 MS
% Solids	1.6%
Turbidity	Yes No
Color	<i>Light</i>
TSS (%)	0
Radiation Screen (as needed)	
Lab Signature/Initials	<i>D. W. M.</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/13/24
Receiving ID#	101132163
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:30
Time out	
Received by	M. Swade
Sampled by	M. Swade

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CG Waste Only)?	
Flash Point (F)	>140°
pH (S.U.)	6.64
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.050
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56°
Conductivity	45.1
% Solids	1.74%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	M Swade

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/13/24
Receiving ID#	101132162
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:05
Time out	
Received by	
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CG Waste Only)?	
Flash Point (F)	>140°
pH (S.U.)	6.55
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.050
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56°
Conductivity	45.3
% Solids	1.72%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	M Swade

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/13/24
Receiving ID#	101132406
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1400
Time out	
Received by	<i>Ch Ca</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only?)	
TOC ppm (CC Waste Only?)	
Flash Point (F)	>140
pH (S.U.)	2.43
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.6
Conductivity	51.9ms
% Solids	1.1%
Turbidity	Yes No
Color	Light Green
TSS (%)	8.5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>Ch Ca</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/13/24
Receiving ID#	101132404
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:10
Time out	
Received by	<i>[Signature]</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only?)	
TOC ppm (CC Waste Only?)	
Flash Point (F)	>140
pH (S.U.)	8.42
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.2
Conductivity	449
% Solids	1.15%
Turbidity	Yes No
Color	20.1
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/15/24
Receiving ID#	201132406
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time In	6:30
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 100
pH (S.U.)	1.31
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.08
Physical Description	
Stream Consistency	Yes
Oil in Sample?	No
Temperature (F)	62.2
Conductivity	135.3 us
% Solids	9.14
Turbidity	Yes
Color	
TSS (%)	3.0
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/13/24
Receiving ID#	201132406
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time In	15:40
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 100
pH (S.U.)	1.95
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.08
Physical Description	
Stream Consistency	Yes
Oil in Sample?	No
Temperature (F)	54.7
Conductivity	700 us
% Solids	4.30
Turbidity	Yes
Color	125.15h
TSS (%)	50%
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/15/24
Receiving ID#	201152403
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:25
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	278
pH (S.U.)	7.65
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.8
Conductivity	44.6 us
% Solids	0.67
Turbidity	Yes No
Color	
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/15/24
Receiving ID#	201152402
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:45
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	278
pH (S.U.)	7.01
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.3
Conductivity	32.8 us
% Solids	1.28
Turbidity	Yes No
Color	
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/15/24
Receiving ID#	101152405
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1750
Time out	0400
Received by	CC
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	9.70
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.2
Conductivity	57.2
% Solids	2.55%
Turbidity	Yes No
Color	DL-44
TSS (%)	40.1
Radiation Screen (as needed)	N/A
Lab Signature/Initials	CC 04

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/15/24
Receiving ID#	101152402
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:45
Time out	
Received by	J. A. [Signature]
Sampled by	J. A. [Signature]

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.10
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.6
Conductivity	>1000.55
% Solids	4.26
Turbidity	Yes No
Color	
TSS (%)	40.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. A. [Signature]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/16/24
Receiving ID#	IN102401
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:30
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	8.17
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.1
Conductivity	28.4 uS
% Solids	0.59
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/15/24
Receiving ID#	10157406
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	9.2
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.4
Conductivity	200
% Solids	5.58
Turbidity	Yes No
Color	Clear
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/16/24
Receiving ID#	201162403
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:30
Time out	
Received by	D. Ben M
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	1.11
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.5
Conductivity	179.6
% Solids	1.6
Turbidity	Yes No
Color	Grey
TSS (%)	0.0
Radiation Screen (as needed)	
Lab Signature/Initials	D. Ben M

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/16/24
Receiving ID#	201162402
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:17
Time out	
Received by	J. A. DeVito
Sampled by	A. DeVito

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	1.18
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54.5
Conductivity	116.8
% Solids	1.08
Turbidity	Yes No
Color	0.1
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	J. A. DeVito

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/17/24
Receiving ID#	IC11724 C1
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	09:35
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	210
pH (S.U.)	0.89
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	55
Conductivity	254.6ms
% Solids	4.68
Turbidity	Yes No
Color	
TSS (%)	3.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/16/24
Receiving ID#	IC1162404
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	20:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	110
pH (S.U.)	7.90
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54.7
Conductivity	41.2
% Solids	1.38
Turbidity	Yes No
Color	Pyrom
TSS (%)	5.0
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/17/24
Receiving ID#	201172403
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	77.85
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	2140
Flash Point (F)	114
pH (S.U.)	
Cyanides? (ppm)?	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.4
Conductivity	868
% Solids	3.11%
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/17/24
Receiving ID#	201172403
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:40
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	2140
Flash Point (F)	1.02
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	50.2
Conductivity	196.3
% Solids	1.70
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/16/24
Receiving ID#	101182401
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:49
Time out	
Received by	J. Ash
Sampled by	J. Smith

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.76
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.3
Conductivity	>1000
% Solids	13.95
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. Ash

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/17/24
Receiving ID#	101172401
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:58
Time out	
Received by	J. Ash
Sampled by	J. Smith

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	9.96
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	59.5
Conductivity	<1000
% Solids	4.27%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. Ash

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/18/24
Receiving ID#	FOU182463
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	1:10
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	592
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.0
Conductivity	36.6
% Solids	1.25%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/19/24
Receiving ID#	FOU182463
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	11:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	746
pH (S.U.)	7.93
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.5
Conductivity	51.8
% Solids	2.14%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/18/24
Receiving ID#	201182405
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:25
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.25
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.5
Conductivity	144.5
% Solids	15.94
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/18/24
Receiving ID#	201182404
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:40
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.02
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.7
Conductivity	216.1
% Solids	7.57
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/15/24
Receiving ID#	10118240
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	3140
pH (S.U.)	6.96
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	50.6
Conductivity	38.3
% Solids	1.66
Turbidity	Yes No
Color	Brown
TSS (%)	50
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/18/24
Receiving ID#	10118240
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	8.8
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.0
Conductivity	<1000
% Solids	8.73%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/19/24
Receiving ID#	702142402
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	9:40am
Time out	
Received by	AK
Sampled by	AK

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7.87
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.0
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	51.7
Conductivity	51.6
% Solids	1.13% D
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AK

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/19/24
Receiving ID#	702142401
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	7:15
Time out	
Received by	AK
Sampled by	AK

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7.40
pH (S.U.)	7.03
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.3
Conductivity	37.7-5
% Solids	1.7
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	AK

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/19/24
Receiving ID#	2-01192403
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	

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	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	
Conductivity	
% Solids	
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	

No Sample Taken

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/19/24
Receiving ID#	2-01192403
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	15:26
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	9.1
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.09
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	53.2
Conductivity	
% Solids	61000
Turbidity	4.9978
Color	Yes No
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/20/24
Receiving ID#	10222401
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	4:40
Time out	
Received by	<i>J. P. [Signature]</i>
Sampled by	<i>J. P. [Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>100
pH (S.U.)	7.09
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.0
Conductivity	37.7 μS
% Solids	1-81
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J.P. [Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24
Receiving ID#	10222401
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	6:30
Time out	
Received by	<i>J. P. [Signature]</i>
Sampled by	<i>J. P. [Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	119
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.4
Conductivity	18.8 μS
% Solids	2.20
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J.P. [Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/22/24
Receiving ID#	FOI222404
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	14:50
Time in	
Time out	
Received by	[Signature]
Sampled by	[Signature]

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily/Waste Only)?	N/A
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	193
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.7
Conductivity	<1000
% Solids	6.3570
Turbidity	Yes No
Color	
TSS (%)	201
Radiation Screen (as needed)	
Lab Signature/Initials	[Signature]

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24
Receiving ID#	501222403
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	12:30
Time in	
Time out	
Received by	[Signature]
Sampled by	[Signature]

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily/Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	591
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	59.5
Conductivity	430.5
% Solids	2.35
Turbidity	Yes No
Color	
TSS (%)	501
Radiation Screen (as needed)	
Lab Signature/Initials	[Signature]

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/22/24
Receiving ID#	101222406
Manifest #	Line
Land/Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	2:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	63.6
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.0
Conductivity	43.9
% Solids	1.50%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/22/24
Receiving ID#	101222408
Manifest #	Line
Land/Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	17:57
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	57
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.6
Conductivity	<1000
% Solids	11.30%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	10123240
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	940
Time in	
Time out	
Received by	JDR
Sampled by	JMA

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	240
Flash Point (F)	6.15
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.03
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.1
Conductivity	47.8
% Solids	2.23
Turbidity	Yes No
Color	
TSS (%)	10
Radiation Screen (as needed)	
Lab Signature/Initials	JDR

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	10123240
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:57
Time out	
Received by	JDR
Sampled by	JMA

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	240
Flash Point (F)	3.62
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	51.9
Conductivity	44.6
% Solids	2.21
Turbidity	Yes No
Color	
TSS (%)	10
Radiation Screen (as needed)	
Lab Signature/Initials	JDR

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	201232404
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:26
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	139
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	55.8
Conductivity	713
% Solids	8.55%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	201232403
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:25
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	86
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.9
Conductivity	256.7
% Solids	8.37%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	201252406
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	3.28
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.0
Conductivity	12.20
% Solids	1.63%
Turbidity	Yes No
Color	
TSS (%)	40.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	I 01232405
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:18
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	1.31
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.7
Conductivity	146.9
% Solids	4.22%
Turbidity	Yes No
Color	
TSS (%)	40.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	201232408
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	22-26
Time in	
Time out	
Received by	Debra M.
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oil/Waste Only)?	
TOC ppm (CC Waste Only)?	7140
Flash Point (F)	492
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.1
Conductivity	4.91µS
% Solids	1.9
Turbidity	Yes No
Color	Brown
TSS (%)	0.25%
Radiation Screen (as needed)	
Lab Signature/Initials	DM

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/23/24
Receiving ID#	201232407
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:10
Time out	
Received by	Debra M.
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oil/Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	5.38
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.9
Conductivity	48.7
% Solids	1.56%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	DM

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	I01242402
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:08
Time out	
Received by	<i>J. A. Wark</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	7.11
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.05
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	59.3
Conductivity	42.3 μmhos
% Solids	1.45
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. A. Wark</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	I01242401
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	5:49
Time out	
Received by	<i>J. A. Wark</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	7.03
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.07
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.1
Conductivity	42.3 μmhos
% Solids	1.45
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. A. Wark</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	101242109
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:37
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	7.82
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.01
Specific Gravity	1.0611
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.0
Conductivity	42.9
% Solids	1.607%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	101242103
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:40
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	7.61
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.9
Conductivity	42.9
% Solids	1.54
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	Z01242406
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	18:05
Received by	<i>[Signature]</i>
Sampled by	Dubois

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	112
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.7
Conductivity	1563
% Solids	3.06%
Turbidity	Yes No
Color	201
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	Z01242405
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	16:15
Received by	<i>[Signature]</i>
Sampled by	Dubois

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	97
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.06
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	55.7
Conductivity	<1000
% Solids	6.15
Turbidity	Yes No
Color	201
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/25/24
Receiving ID#	PO1252404
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:50
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

TEST INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.64
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.6
Conductivity	416.05
% Solids	1.63
Turbidity	Yes No
Color	
TSS (%)	5.21
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	PO1244007
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	2:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

TEST INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.05
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.4
Conductivity	<100
% Solids	3.38
Turbidity	Yes No
Color	
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/29/24
Receiving ID#	IR0152403
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:00
Time out	
Received by	JAD
Sampled by	JSM

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	6.55
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.06
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	59.7
Conductivity	44.3 mc
% Solids	1.46
Turbidity	Yes No
Color	
TSS (%)	2.07
Radiation Screen (as needed)	
Lab Signature/Initials	JAD

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/29/24
Receiving ID#	IR0152402
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	4:05
Time out	
Received by	JAD
Sampled by	JSM

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	6.55
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	59.4
Conductivity	45.6 mc
% Solids	1.64
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JAD

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/25/24
Receiving ID#	201252406
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	17:30
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.05
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.2
Conductivity	<1000
% Solids	2.73%
Turbidity	Yes No
Color	5.01
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/25/24
Receiving ID#	201252406
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.89
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.4
Conductivity	533
% Solids	8.56%
Turbidity	Yes No
Color	5.01
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/25/24
Receiving ID#	201252408
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	Generator
Client	Transporter
Time in	21:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	1.00
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.06
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54.4
Conductivity	<1000
% Solids	5.23%
Turbidity	Yes No
Color	201
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/25/24
Receiving ID#	201252407
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	Generator
Client	Transporter
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	1.03
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.03
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54.7
Conductivity	<1000
% Solids	2.89%
Turbidity	Yes No
Color	<61
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/26/24
Receiving ID#	20262401
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	7:50
Time out	
Received by	JAR
Sampled by	JUN

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 100
Flash Point (F)	0.41
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.06
Physical Description	
Stream Consistency	Yes
Oil in Sample?	No
Temperature (F)	66.2
Conductivity	255.25
% Solids	1.73
Turbidity	Yes
Color	No
TSS (%)	10
Radiation Screen (as needed)	
Lab Signature/Initials	JAR

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/26/24
Receiving ID#	20262401
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	8:30
Time out	
Received by	JAR
Sampled by	JUN

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	270
Flash Point (F)	1.94
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes
Oil in Sample?	No
Temperature (F)	61.8
Conductivity	49.25
% Solids	8.05
Turbidity	Yes
Color	No
TSS (%)	10
Radiation Screen (as needed)	
Lab Signature/Initials	JAR

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/26/24
Receiving ID#	10126404
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1:40
Time out	
Received by	JMA
Sampled by	JMA

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	1.73
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	53.4
Conductivity	238
% Solids	33.9
Turbidity	Yes No
Color	
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	JMA

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/26/24
Receiving ID#	ZCI 26 24 01
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:37
Time out	
Received by	JMA
Sampled by	JMA

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	3.95
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.0
Conductivity	403.05
% Solids	1.51
Turbidity	Yes No
Color	
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	JMA

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/26/24
Receiving ID#	201262406
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	Red
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.13
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.0
Conductivity	240.0
% Solids	17.38%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/26/24
Receiving ID#	201262405
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:50
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.31
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.7
Conductivity	164.1
% Solids	2.52%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	101302401
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	9:30
Time out	
Received by	J. [Signature]
Sampled by	J. [Signature]

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	1.60
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.8
Conductivity	51.1
% Solids	1.82
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. [Signature]

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/26/24
Receiving ID#	101302407
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	7:05
Time out	
Received by	[Signature]
Sampled by	[Signature]

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.9
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.0
Conductivity	<1000
% Solids	10.56
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	[Signature]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/24/24
Receiving ID#	16142403
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:35
Time out	
Received by	A. White
Sampled by	J. White

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	6.12
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	1.9450
Stream Consistency	Yes No
Oil in Sample?	Yes (NG)
Temperature (F)	589
Conductivity	32.0
% Solids	0.85
Turbidity	Yes No
Color	Brown
TSS (%)	60
Radiation Screen (as needed)	
Lab Signature/Initials	J. White

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/29/24
Receiving ID#	20171402
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:30
Time out	
Received by	SMA
Sampled by	JMA

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	6.12
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.0
Conductivity	34.4
% Solids	1.65
Turbidity	Yes No
Color	
TSS (%)	60
Radiation Screen (as needed)	
Lab Signature/Initials	J. White

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/29/24
Receiving ID#	101292405
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1:31
Time out	
Received by	
Sampled by	Verd

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	14.2
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	33.9
Conductivity	11.7
% Solids	0.7%
Turbidity	Yes No
Color	Light Yellow
TSS (%)	10.8
Radiation Screen (as needed)	
Lab Signature/Initials	Verd

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/29/24
Receiving ID#	101292404
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:15
Time out	
Received by	
Sampled by	Dalton H

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	1140
pH (S.U.)	1.70
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.5
Conductivity	160.9 uas
% Solids	16.2%
Turbidity	Yes No
Color	Yellow
TSS (%)	10.1
Radiation Screen (as needed)	
Lab Signature/Initials	Verd

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/20/24
Receiving ID#	101202404
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	7:00
Time out	
Received by	JMS
Sampled by	JMS

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.58
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes
Oil in Sample?	Yes
Temperature (F)	54.4
Conductivity	32.2
% Solids	1.21
Turbidity	Yes
Color	201
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	JMS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/21/24
Receiving ID#	101202406
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	7:30
Time out	
Received by	JMS
Sampled by	JMS

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.75
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes
Oil in Sample?	Yes
Temperature (F)	53.6
Conductivity	3.81
% Solids	0.85%
Turbidity	Yes
Color	160
TSS (%)	60
Radiation Screen (as needed)	
Lab Signature/Initials	JMS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/30/24
Receiving ID#	201302403
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:30
Time out	
Received by	<i>[Signature]</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>190
Flash Point (F)	7.56
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	51.5
Conductivity	22.9
% Solids	0.79
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/29/24
Receiving ID#	201302402
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:58
Time out	
Received by	<i>[Signature]</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>190
Flash Point (F)	6.78
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	55.5
Conductivity	26.5
% Solids	1.15
Turbidity	Yes No
Color	
TSS (%)	40.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/30/24
Receiving ID#	201302405
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:25
Time out	
Received by	
Sampled by	Donovan M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	1.35
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.03
Specific Gravity	1.0401
Physical Description	Yes No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66
Conductivity	836
% Solids	0.58
Turbidity	Clear
Color	10 #
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	Donovan M.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/30/24
Receiving ID#	201302404
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:33
Time out	
Received by	JAK
Sampled by	J.A. WMI-X

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.14
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.022
Physical Description	Yes No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.5
Conductivity	229.5
% Solids	0.65
Turbidity	Yes No
Color	20
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	JAK

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/30/24
Receiving ID#	101302407
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	22:10
Time out	
Received by	
Sampled by	MLC

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	2140
Flash Point (F)	222
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.1
Conductivity	3200
% Solids	0.6%
Turbidity	Yes No
Color	Clear
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	MLC

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/30/24
Receiving ID#	101302408
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:25
Time out	
Received by	
Sampled by	MLC

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	2140
Flash Point (F)	135
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	54.9
Conductivity	220.8
% Solids	3.2
Turbidity	Yes No
Color	Brown
TSS (%)	5.0
Radiation Screen (as needed)	
Lab Signature/Initials	MLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/21/24
Receiving ID#	101321402
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	9:19
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	6.14
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.01
Specific Gravity	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.0
Conductivity	21.4
% Solids	0.61
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/21/24
Receiving ID#	101321402
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:28A
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	5.16
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	52.4
Conductivity	23.3
% Solids	0.61
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/21/24
Receiving ID#	10121203
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:00
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	7.58
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	55.3
Conductivity	189.7
% Solids	0.4
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/31/24
Receiving ID#	101312405
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	HOU
Time in	
Time out	
Received by	<i>J. AD</i>
Sampled by	<i>J. AD</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	7.30
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	53.6
Conductivity	1861
% Solids	0.36
Turbidity	Yes No
Color	
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. AD</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/31/24
Receiving ID#	J-01312404
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:45 AM
Time out	
Received by	<i>J. AD</i>
Sampled by	<i>J. AD</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	2140
pH (S.U.)	6.53
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.4
Conductivity	20.8 mS
% Solids	0.79
Turbidity	Yes No
Color	
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>J. AD</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/31/24
Receiving ID#	T0137407
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:45
Time out	
Received by	Dultra K.
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>146
pH (S.U.)	5.60
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.8
Conductivity	7.13
% Solids	0.35%
Turbidity	Yes No
Color	5000
TSS (%)	2.0%
Radiation Screen (as needed)	
Lab Signature/Initials	DK

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/31/24
Receiving ID#	T0137407
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:15
Time out	
Received by	
Sampled by	M. M. S.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.44
Cyanides? (mg/L)	4.57
Sulfides? (ppm)?	1.02
Specific Gravity	Liquid
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.3
Conductivity	246.44
% Solids	0.57%
Turbidity	Yes No
Color	Clear
TSS (%)	0.1%
Radiation Screen (as needed)	None
Lab Signature/Initials	M.S.

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/31/24
Receiving ID#	101312109
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	Generator
Client	Transporter
Time in	22:15
Time out	
Received by	AC
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	7140
Flash Point (F)	6:30
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.06
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.9
Conductivity	19.3
% Solids	.72%
Turbidity	Yes No
Color	light Brown
TSS (%)	0
Radiation Screen (as needed)	
Lab Signature/Initials	AC

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01/31/24
Receiving ID#	101312108
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	Generator
Client	Transporter
Time in	20:40
Time out	
Received by	AC
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	7140
Flash Point (F)	1:86
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.09
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.0
Conductivity	191.3
% Solids	5.3%
Turbidity	Yes No
Color	green
TSS (%)	0.18
Radiation Screen (as needed)	
Lab Signature/Initials	AC

WASTE PROFILES

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of >=1% concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
<input type="text" value="Water"/>	<input type="text" value="99"/>	<input type="text" value="100"/>	<input <="" td="" type="text" value="%"/> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="ppm"/></td>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text" value="Chrome"/>	<input type="text"/>	<input type="text" value="8.48"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name:

SMS Group Inc.

Address:

12880 E. 9 Mile

City: Warren

County:

State: MI

Zip: 48089

State ID/Reg No:

EPA ID #:

MID005503263

NAICS #:

Generator Mailing Address

(if different)

City:

County:

State:

Zip:

Generator Contact Name:

Dale Batsford

Email:

dale.batsford@sms-group.com

Phone Number:

586-238-4209

Ext:

Fax Number:

II. Billing Information

Bill To:

Environmental & Disposal Management

Contact Name:

Lamar Gabbara

Billing Address:

1900 Stephenson Hwy, Suite 100

Email:

lgabbara@disposalmgmt.com

City:

Troy

State: MI

Zip:

48083

Phone:

248-244-2211

III. Waste Stream Information

Name of Waste:

Roll Shop Soap/Waste Water

Process
Generating
Waste:

Used to rinse rust and dirt off the steel.

Is Waste from a TSD/Like
Consolidation Process??

Yes

No

Waste
Type:

Hazardous

Container
Type:

Bulk Tanker

Volume Per
Container:

1500-2k

Shipment
Volume:

2k/gal

Volume
Units:

Gallons

Shipment
Frequency:

One Time

Annual
Volume:

2k

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342?

Yes

No

Is this waste from State or Federal Superfund Subject to CERCLA?

Yes

No

State Waste Codes:

None

RCRA Waste Codes:

D007

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None PPM
 Lead None PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761) None PPM Pathogens No Yes. If Yes, please explain:

Benzene None PPM Pesticides No Yes. If Yes, please explain:

Dioxins None PPM Polymerizes No Yes. If Yes, please explain:

Sulfides None PPM Radioactives No Yes. If Yes, please explain:

Cyanides None PPM Water Reactives No Yes. If Yes, please explain:

Oxidizer None PPM Other Reactives No Yes. If Yes, please explain:

Pentachlorophenol No Yes. If Yes, please explain:

OSHA Carcinogen No Yes. If Yes, please explain:

X. Certification

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

Dale Batsford
 Authorized Representative Name
 (Printed)

Plant Manager
 Title
 (Printed)

SMS-Group
 Company Name

Dale Batsford
 Representative Signature

1/5/2024
 Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #: 64402130504

Sales Rep #:

I. Generator Information

Generator Name: CECOS International, Inc.

Address: 5092 Aber Road

City: Williamsburg County: Clermont State: OH Zip: 45176

State ID/Reg No: EPA ID #: OHD 087 433 744 NAICS #: 562112

Generator Mailing Address (if different)

City: County: State: Zip:

Generator Contact Name: Allen Bradburn Email: abraddburn@republicservices.com

Phone Number: 513.616.7104 Ext: Fax Number: 513.724.3234

II. Billing Information

Bill To: Same as Above Contact Name:

Billing Address: Email:

City: State: Zip: Phone:

III. Waste Stream Information

Name of Waste: LTS Leachate

Process Generating Waste: produced by rain water percolating through layers of waste in the landfill

Is Waste from a TSDF Like Consolidation Process?? Yes No Waste Type: Hazardous Container Type: Bulk Tanker

Volume Per Container: Shipment Volume: 5,400 Volume Units: Gallons Shipment Frequency: Weekly Annual Volume: 310,000

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No

Is this waste from State or Federal Superfund Subject to CERCLA? Yes No

State Waste Codes:

RCRA Waste Codes: F039

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of >=1% concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
<input type="text" value="Leachate"/>	<input type="text" value="100"/>	<input type="text" value="100"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="font-size: small; vertical-align: middle;" type="text" value="ppm"/>

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

Sample ID 480-186631-2 Date collected: 06-28-21
On file There has been no change in processes at the facility

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None PPM
 Lead None PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761) None PPM
 Benzene None PPM
 Dioxins None PPM
 Sulfides None PPM
 Cyanides None PPM
 Oxidizer None PPM
 Pentachlorophenol No Yes. If Yes, please explain:
 OSHA Carcinogen No Yes. If Yes, please explain:
 Pathogens No Yes. If Yes, please explain:
 Pesticides No Yes. If Yes, please explain: 0.0189 ppm
 Polymerizes No Yes. If Yes, please explain:
 Radioactives No Yes. If Yes, please explain:
 Water Reactives No Yes. If Yes, please explain:
 Other Reactives No Yes. If Yes, please explain:

X. Certification

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

Allen Bradburn
 Authorized Representative Name
 (Printed)

Environmental Manager
 Title
 (Printed)

Republic Services/CECOS International
 Company Name

Allen Bradburn Digitally signed by Allen Bradburn
 Date: 2024.01.03 15:16:33 -05'00'
 Representative Signature

01/03/2024
 Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

M Cate 409

I. Generator Information

Generator Name:

Address:

City: County: State: Zip:

State ID/Reg No: EPA ID #: NAICS #:

Generator Mailing Address (if different)

City: County: State: Zip:

Generator Contact Name: Email:

Phone Number: Ext: Fax Number:

II. Billing Information

Bill To: Contact Name:

Billing Address: Email:

City: State: Zip: Phone:

III. Waste Stream Information

Name of Waste:

Process Generating Waste:

Is Waste from a TSD/Like Consolidation Process?? Yes No Waste Type: Container Type:

Container Size / Unit of Measure: Annual Volume: Volume Units: Frequency:

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No

Is this waste from State or Federal Superfund Subject to CERCLA? Yes No

State Waste Codes:

RCRA Waste Codes:

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# **NA3082** Packaging Group: III Hazardous Class(es): **9**

DOT Proper Shipping Name: **Hazardous Waste Liquids, n.o.s.**

NOS Hazardous Constituents: **chromium**

ERG#: **154** RQ: Yes No RQ Basis: _____ RQ Value in lbs: _____

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: _____ 24 Hour Emergency Contact Number: _____

VI. Physical Characteristics

Primary Color: **brown** % Suspended Solids: **0-1%** Layers: **Single Phase** Specific Gravity: **1.0 - 1.2** Or Actual _____

Odor: **None** Odor (describe): _____ pH: **5 - 10** Dry Weight Ton Per Gallon: _____

Flash Point: **>200 F** Flash Point Test Method: **Closed Cup** Total Alkalinity (mg/L): _____ VOC Concentration (ppm): **0** Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
Electroless nickel solution	100	100	ppm				ppm
			ppm				ppm
			ppm				ppm
			ppm				ppm
			ppm				ppm

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: --Select-- Sample ID #: _____ Sample Date (mm/dd/yy): _____

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted: _____

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Barium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Cadmium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Chromium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Lead	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Mercury	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Selenium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Silver	<input checked="" type="checkbox"/> None	<input type="text"/> PPM

State Regulated:

TPH (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Antimony (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Beryllium (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Nickel (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Chromium VI (CA)	<input type="checkbox"/> None	<input type="text" value="19"/> PPM
Cobalt (CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Copper (CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Molybdenum (CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Thallium (CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Vanadium (CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Zinc (CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM

Operational:

Bromide	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Calcium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Chloride	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Fluoride (CA)	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Iodine	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Iron	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Magnesium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Potassium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Sodium	<input checked="" type="checkbox"/> None	<input type="text"/> PPM
Sulfur	<input checked="" type="checkbox"/> None	<input type="text"/> PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's <small>(per 40 CFR 761)</small>	<input checked="" type="checkbox"/> None	<input type="text"/> PPM	Pathogens	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Benzene	<input checked="" type="checkbox"/> None	<input type="text"/> PPM	Pesticides	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Dioxins	<input checked="" type="checkbox"/> None	<input type="text"/> PPM	Polymerizes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Sulfides	<input checked="" type="checkbox"/> None	<input type="text"/> PPM	Radioactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Cyanides	<input checked="" type="checkbox"/> None	<input type="text"/> PPM	Water Reactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Oxidizer	<input checked="" type="checkbox"/> None	<input type="text"/> PPM	Other Reactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Pentachlorophenol	<input checked="" type="checkbox"/> No	<input type="text"/> Yes. If Yes, please explain:				
OSHA Carcinogen	<input checked="" type="checkbox"/> No	<input type="text"/> Yes. If Yes, please explain:				

X. Certification

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

Keith Dromowicz

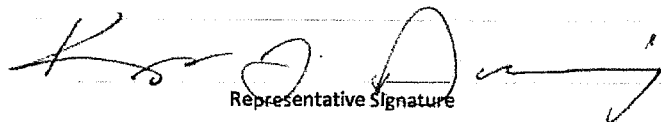
Authorized Representative Name
(Printed)

Health & Safety Manager

Title
(Printed)

Adept/Tribar Plastics

Company Name


Representative Signature

1/5/2024

Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #: M Cate 409

I. Generator Information

Generator Name: Adept/Tribar Manufacturing - Plant 5

Address: 48669 Alpha Drive

City: Wixom County: Oakland State: MI Zip: 48393

State ID/Reg No: EPA ID #: ~~MIK114737711~~ MIK 929 440 955 NAICS #:

Generator Mailing Address (if different) 30540 Beck Road

City: Wixom County: Oakland State: MI Zip: 48393

Generator Contact Name: Alex Muench Email: alexandria.muench@tribar.com

Phone Number: 248-761-3738 Ext: Fax Number:

II. Billing Information

Bill To: Adept/Triba Plastics Contact Name: Alex Muench

Billing Address: 48668 Alpha Drive Email: alexandria.muench@tribar.com

City: Wixom State: MI Zip: 48393 Phone: 248-761-3738

III. Waste Stream Information

Name of Waste: Electroless Nickel Solution

Process Generating Waste: Solution used in plating nickel onto parts

Is Waste from a TSD/Like Consolidation Process?? Yes No

Waste Type: Hazardous Container Type: Bulk Tanker

Container Size / Unit of Measure: 10,000 gallons Annual Volume: 520000 Volume Units: Gallons Frequency: Weekly

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No

Is this waste from State or Federal Superfund Subject to CERCLA? Yes No

State Waste Codes: D007

RCRA Waste Codes:

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# **NA3082** Packaging Group: **III** Hazardous Class(es): **9**

DOT Proper Shipping Name: **Hazardous Waste Liquids, n.o.s.**

NOS Hazardous Constituents: **chromium**

ERG#: **154** RQ: Yes No RQ Basis: _____ RQ Value in lbs: _____

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: _____ 24 Hour Emergency Contact Number: _____

VI. Physical Characteristics

Primary Color: **brown** % Suspended Solids: **0-1%** Layers: **Single Phase** Specific Gravity: **1.0 - 1.2** Or Actual: _____

Odor: **None** Odor (describe): _____ pH: **5 - 10** Dry Weight Ton Per Gallon: _____

Flash Point: **>200 F** Flash Point Test Method: **Closed Cup** Total Alkalinity (mg/L): _____ VOC Concentration (ppm): **0** Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
Electroless nickel solution	100	100	ppm				ppm
			ppm				ppm
			ppm				ppm
			ppm				ppm
			ppm				ppm

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: **--Select--** Sample ID #: _____ Sample Date (mm/dd/yy): _____

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Barium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Cadmium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Chromium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Lead	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Mercury	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Selenium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Silver	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM

State Regulated:

TPH (TX & CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Antimony (TX & CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Beryllium (TX & CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Nickel (TX & CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Chromium VI (CA)	<input type="checkbox"/> None	<input type="text" value="19"/> PPM
Cobalt (CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Copper (CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Molybdenum (CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Thallium (CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Vanadium (CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Zinc (CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM

Operational:

Bromide	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Calcium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Chloride	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Fluoride (CA)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Iodine	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Iron	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Magnesium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Potassium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Sodium	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM
Sulfur	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761)	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM	Pathogens	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Benzene	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM	Pesticides	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Dioxins	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM	Polymerizes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Sulfides	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM	Radioactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Cyanides	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM	Water Reactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Oxidizer	<input checked="" type="checkbox"/> None	<input type="checkbox"/> PPM	Other Reactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Pentachlorophenol	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:				
OSHA Carcinogen	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:				

X. Certification

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

Keith Dromowicz

Authorized Representative Name
(Printed)

Health & Safety Manager

Title
(Printed)

Adept/Tribar Plastics

Company Name

Representative Signature

1/5/2024

Date

Deep Well Profile



Disposal Facility: 6440-- DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name: Republic Services Detroit North Facility

Address: 6520 Georgia St

City: Detroit County: State: FL Zip: 48211

State ID/Reg No: EPA ID #: MID074259565 NAICS #:

Generator Mailing Address (if different)

City: County: State: Zip:

Generator Contact Name: Email:

Phone Number: Ext: Fax Number:

II. Billing Information

Bill To: REPUBLIC SERVICES DETROIT NORTH FACILITY Contact Name: JAKE DANKO

Billing Address: 17440 COLLEGE PARKWAY STE 300 Email: JDANKO@REPUBLICSERVICES.COM

City: LIVONIA State: MI Zip: 48152 Phone: (313)352-8140

III. Waste Stream Information

Name of Waste: ACID ACTIVATION DIP (GR-25)

Process Generating Waste: TANK CHANGE OUT FROM ACTIVATING PARTS PRIOR TO PLASTING. F006 PRECURSOR.

Is Waste from a TSD/Like Consolidation Process?? Yes No Waste Type: Hazardous Container Type: Totes

Container Size / Unit of Measure: 275 Annual Volume: 3300 Volume Units: Gallons Frequency: One Time

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No

Is this waste from State or Federal Superfund Subject to CERCLA? Yes No

State Waste Codes:

RCRA Waste Codes: D002 D006 D007

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# 3264 Packaging Group: II Hazardous Class(es): 8

DOT Proper
 Shipping Name: UN3264, WASTE, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SULFURIC ACID, HYDROFLUORIC ACID), 8, PGII

NOS Hazardous
 Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: GREEN % Suspended Solids: 0-1% Layers: Single Phase Specific Gravity: 1.0 - 1.2 Or Actual

Odor: None Odor (describe): pH: <2 Dry Weight Ton Per Gallon:

Flash Point: >200 F Flash Point Test Method: --Select-- Total Alkalinity (mg/L): VOC Concentration (ppm): 0 Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of >=1% concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
WATER	74	80	%				%
SULFURIC ACID	20	25	%				%
HYDROFLUORIC ACID	0	1	%				%
			%				%
			%				%

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Grab Sample Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic	<input type="checkbox"/> None	<input type="text" value="1.89"/>	PPM
Barium	<input type="checkbox"/> None	<input type="text" value="0.0135"/>	PPM
Cadmium	<input type="checkbox"/> None	<input type="text" value="5.9"/>	PPM
Chromium	<input type="checkbox"/> None	<input type="text" value="77.4"/>	PPM
Lead	<input type="checkbox"/> None	<input type="text" value="0.991"/>	PPM
Mercury	<input type="checkbox"/> None	<input type="text" value="0.0005"/>	PPM
Selenium	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Silver	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM

State Regulated:

TPH (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Antimony (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Beryllium (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Nickel (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Chromium VI (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Cobalt (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Copper (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Molybdenum (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Thallium (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Vanadium (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Zinc (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM

Operational:

Bromide	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Calcium	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Chloride	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Fluoride (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Iodine	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Iron	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Magnesium	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Potassium	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Sodium	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Sulfur	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's <small>(per 40 CFR 761)</small>	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Pathogens	<input checked="" type="checkbox"/> No	Yes. If Yes, please explain:	<input type="text"/>
Benzene	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Pesticides	<input checked="" type="checkbox"/> No	Yes. If Yes, please explain:	<input type="text"/>
Dioxins	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Polymerizes	<input checked="" type="checkbox"/> No	Yes. If Yes, please explain:	<input type="text"/>
Sulfides	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Radioactives	<input checked="" type="checkbox"/> No	Yes. If Yes, please explain:	<input type="text"/>
Cyanides	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Water Reactives	<input checked="" type="checkbox"/> No	Yes. If Yes, please explain:	<input type="text"/>
Oxidizer	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Other Reactives	<input checked="" type="checkbox"/> No	Yes. If Yes, please explain:	<input type="text"/>
Pentachlorophenol	<input checked="" type="checkbox"/> No	<input type="text"/>				Yes. If Yes, please explain:	<input type="text"/>
OSHA Carcinogen	<input checked="" type="checkbox"/> No	<input type="text"/>				Yes. If Yes, please explain:	<input type="text"/>

X. Certification

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

Salvo Dunbar
Authorized Representative Name
(Printed)

Ops Supervisor
Title
(Printed)

Republic Services Detroit/Manitowish
Company Name

[Signature]
Representative Signature

12/8/12

Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name:

KC Jones

Address:

321 West 10 Mile Road

City: Hazel Park

County:

State: MI

Zip: 48030

State ID/Reg No:

EPA ID #:

MID005511852

NAICS #:

Generator Mailing Address

(if different)

City:

County:

State:

Zip:

Generator Contact Name:

Joseph Gisler

Email:

Phone Number:

joseph.gisler@kcplating.com

Ext:

Fax Number:

II. Billing Information

Bill To:

Environmental and Disposal Management

Contact Name:

Lamar Gabbara

Billing Address:

1900 Stephenson Hwy, Suite 100

Email:

lgabbara@disposalmgmt.com

City:

Troy

State: MI

Zip:

48083

Phone:

248-244-2211

III. Waste Stream Information

Name of Waste:

Electroless Nickel Plating

Process
Generating
Waste:

solution is generated from an electroless plating line, used to plate steel, aluminum, and copper subtracts.

Is Waste from a TSD/Like
Consolidation Process??

Yes

No

Waste
Type:

Non-Hazardous Industrial State Regl.

Container
Type:

Bulk Tanker

Volume Per
Container:

Shipment
Volume:

6-7,000gal

Volume
Units:

Gallons

Shipment
Frequency:

Monthly

Annual
Volume:

80,000gal

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342?

Yes

No

Is this waste from State or Federal Superfund Subject to CERCLA?

Yes

No

State Waste Codes:

029L

RCRA Waste Codes:

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
Electroless Nickel Plating	<input type="text"/>	<input type="text" value="100"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="ppm"/>

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None PPM
 Lead None PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761) None PPM
 Benzene None PPM
 Dioxins None PPM
 Sulfides None PPM
 Cyanides None PPM
 Oxidizer None PPM
 Pentachlorophenol No Yes. If Yes, please explain:
 OSHA Carcinogen No Yes. If Yes, please explain:
 Pathogens No Yes. If Yes, please explain:
 Pesticides No Yes. If Yes, please explain:
 Polymerizes No Yes. If Yes, please explain:
 Radioactives No Yes. If Yes, please explain:
 Water Reactives No Yes. If Yes, please explain:
 Other Reactives No Yes. If Yes, please explain:

X. Certification

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

Joe Costello

Authorized Representative Name
(Printed)

EMS

Title
(Printed)

KC Jones

Company Name

[Handwritten Signature]

Representative Signature

1-11-24

Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name:

Address:

City: County: State: Zip:

State ID/Reg No: EPA ID #: NAICS #:

Generator Mailing Address (if different)

City: County: State: Zip:

Generator Contact Name: Email:

Phone Number: Ext: Fax Number:

II. Billing Information

Bill To: Contact Name:

Billing Address: Email:

City: State: Zip: Phone:

III. Waste Stream Information

Name of Waste:

Process Generating Waste:

Is Waste from a TSDF Like Consolidation Process?? Yes No

Waste Type: Non-Hazardous Non-Industrial Bulk Tanker

Container Type: Bulk Tanker

Volume Per Container: Shipment Volume: Volume Units: Shipment Frequency: Annual Volume:

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No

Is this waste from State or Federal Superfund Subject to CERCLA? Yes No

State Waste Codes:

RCRA Waste Codes:

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: --Select-- Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
<input type="text" value="nickel plating baths"/>	<input type="text" value="98"/>	<input type="text" value="100"/>	<input <="" td="" type="text" value="%"/> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="ppm"/></td>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text" value="solids"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input <="" td="" type="text" value="%"/> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="ppm"/></td>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None PPM
 Lead None PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761) None PPM
 Benzene None PPM
 Dioxins None PPM
 Sulfides None PPM
 Cyanides None PPM
 Oxidizer None PPM
 Pentachlorophenol No Yes. If Yes, please explain:
 OSHA Carcinogen No Yes. If Yes, please explain:

Pathogens No Yes. If Yes, please explain:
 Pesticides No Yes. If Yes, please explain:
 Polymerizes No Yes. If Yes, please explain:
 Radioactives No Yes. If Yes, please explain:
 Water Reactives No Yes. If Yes, please explain:
 Other Reactives No Yes. If Yes, please explain:

X. Certification

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

Michael Drops
 Authorized Representative Name
 (Printed)

QA/QC Manager
 Title
 (Printed)

Valicor Environmental Services
 Company Name

Michael Drops
 Digitally signed by Michael Drops
 Date: 2024.01.17 10:35:33 -05'00'
 Representative Signature

12-DEC-23
 Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name:

Address:

City: County: State: Zip:

State ID/Reg No: EPA ID #: NAICS #:

Generator Mailing Address (if different)

City: County: State: Zip:

Generator Contact Name: Email:

Phone Number: Ext: Fax Number:

II. Billing Information

Bill To: Contact Name:

Billing Address: Email:

City: State: Zip: Phone:

III. Waste Stream Information

Name of Waste:

Process Generating Waste:

Is Waste from a TSD/Like Consolidation Process?? Yes No Waste Type: Container Type:

Volume Per Container: Shipment Volume: Volume Units: Shipment Frequency: Annual Volume:

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No

Is this waste from State or Federal Superfund Subject to CERCLA? Yes No

State Waste Codes:

RCRA Waste Codes:

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
<input type="text" value="Multi Source Leachate"/>	<input type="text" value="100"/>	<input type="text" value="100"/>	<input <="" td="" type="text" value="%"/> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="ppm"/></td>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic	<input type="checkbox"/> None	<input type="text" value="1.7"/>	PPM
Barium	<input type="checkbox"/> None	<input type="text" value="0.06"/>	PPM
Cadmium	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Chromium	<input type="checkbox"/> None	<input type="text" value="0.053"/>	PPM
Lead	<input type="checkbox"/> None	<input type="text" value="0.42"/>	PPM
Mercury	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Selenium	<input type="checkbox"/> None	<input type="text" value="0.2"/>	PPM
Silver	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM

State Regulated:

TPH (TX & CA)	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Antimony (TX & CA)	<input type="checkbox"/> None	<input type="text" value="0.33"/>	PPM
Beryllium (TX & CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Nickel (TX & CA)	<input type="checkbox"/> None	<input type="text" value="0.69"/>	PPM
Chromium VI (CA)	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Cobalt (CA)	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Copper (CA)	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Molybdenum (CA)	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Thallium (CA)	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM
Vanadium (CA)	<input type="checkbox"/> None	<input type="text" value="0.22"/>	PPM
Zinc (CA)	<input type="checkbox"/> None	<input type="text" value="0.11"/>	PPM

Operational:

Bromide	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Calcium	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Chloride	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Fluoride (CA)	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Iodine	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Iron	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Magnesium	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Potassium	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Sodium	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM
Sulfur	<input type="checkbox"/> None	<input type="text" value="NA"/>	PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's <small>(per 40 CFR 761)</small>	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Pathogens	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Benzene	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Pesticides	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Dioxins	<input type="checkbox"/> None	<input type="text" value="<1"/>	PPM	Polymerizes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Sulfides	<input type="checkbox"/> None	<input type="text" value="40"/>	PPM	Radioactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Cyanides	<input type="checkbox"/> None	<input type="text" value="3"/>	PPM	Water Reactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Oxidizer	<input checked="" type="checkbox"/> None	<input type="text"/>	PPM	Other Reactives	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes. If Yes, please explain:	<input type="text"/>
Pentachlorophenol	<input checked="" type="checkbox"/> No	<input type="checkbox"/>	Yes. If Yes, please explain:				
OSHA Carcinogen	<input type="checkbox"/> No	<input checked="" type="checkbox"/>	Yes. If Yes, please explain:	various constituents are present			

X. Certification

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

Kristofer Mann
Authorized Representative Name
(Printed)

Director of Enviro
Title
(Printed)

Envirosafe Services of Ohio, Inc.
Company Name

Kristofer Mann
Digitally signed by Kristofer Mann
DN: cn=Kristofer Mann, o=Envirosafe, ou,
email=k.mann@envirosafeservices.com, c=US
Date: 2024.01.17 11:21:22 -0500
Representative Signature

1/17/2024
Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name: High Performance Metal Coating

Address: 1821 Vanderbilt Avenue

City: Portage County: Kalamazoo State: MI Zip: 49024

State ID/Reg No: EPA ID #: MID386186658 NAICS #: 332813

Generator Mailing Address (if different) same

City: County: State: MI Zip:

Generator Contact Name: Pat Greene Email: pat@hpmfinc.com

Phone Number: 269-327-8897 Ext: Fax Number: n/a

II. Billing Information

Bill To: Young's Environmental Cleanup, Inc. Contact Name: Accounts Payable

Billing Address: G-5305 N Dort Highway Email: ap@yecf.us

City: Flint State: MI Zip: 48505 Phone: 800-496-8647

III. Waste Stream Information

Name of Waste: Electro Polishing Waste Water

Process Generating Waste: wastewater from cleaning, degreasing, & electropolishing

Is Waste from a TSD/Like Consolidation Process?? Yes No Waste Type: Hazardous Container Type: Bulk Tanker

Container Size / Unit of Measure: Tanker Annual Volume: 20,000 Volume Units: Gallons Frequency: Weekly

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No
Is this waste from State or Federal Superfund Subject to CERCLA? Yes No

State Waste Codes:

RCRA Waste Codes: D002

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# **1760** Packaging Group: **II** Hazardous Class(es): **8**

DOT Proper Shipping Name: **Corrosive liquid, n.o.s.,**

NOS Hazardous Constituents: **phosphoric acid, sulfuric acid**

ERG# **154** RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number: **800-496-8647**

VI. Physical Characteristics

Primary Color: **Clear** *GREEN* % Suspended Solids: **0-1%** Layers: **Single Phase** Specific Gravity: **--Select--** Or Actual **1.02**

Odor: **Slight** Odor (describe): **Characteristic** pH: **<2** Dry Weight Ton Per Gallon:

Flash Point: **NA** Flash Point Test Method: **--Select--** Total Alkalinity (mg/L): **0** VOC Concentration (ppm): **0** Ammonia / Ammonia Compounds: Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
Phosphoric acid	1	3	%	<i>DE-OX CLEANER</i>			%
Sulfuric acid	1	2	%				%
Nickel	0	.5	%				%
Water	94	98	%				%
<i>DEGREASER</i>			%				%

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: **--Select--** Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties.

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None PPM
 Lead None PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (40 CFR 761) None PPM Pathogens No Yes, if Yes, please explain:

Benzene None PPM Pesticides No Yes, if Yes, please explain:

Dioxins None PPM Polymerizes No Yes, if Yes, please explain:

Sulfides None PPM Radioactives No Yes, if Yes, please explain:

Cyanides None PPM Water Reactives No Yes, if Yes, please explain:

Oxidizer None PPM Other Reactives No Yes, if Yes, please explain:

Pentachlorophenol No Yes, if Yes, please explain:

OSHA Carcinogen No Yes, if Yes, please explain:

X. Certification

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

PAT GREENE
 Authorized Representative Name
 (Printed)

FRBS
 Title
 (Printed)

HIGH PERFORMANCE METAL FINISHING, INC.
 Company Name

Pat Greene
 Representative Signature

12/15/23
 Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

I. Generator Information

Generator Name:

KC Jones

Address:

321 West 10 Mile Road

City: Hazel Park

County:

State: MI

Zip: 48030

State ID/Reg No:

EPA ID #: MID005511852

NAICS #:

Generator Mailing Address

(if different)

City:

County:

State:

Zip:

Generator Contact Name:

Joseph Gisler

Email:

Phone Number:

joseph.gisler@kcplating.com

Ext:

Fax Number:

II. Billing Information

Bill To:

Environmental and Disposal Management

Contact Name:

Lamar Gabbara

Billing Address:

1900 Stephenson Hwy, Suite 100

Email:

lgabbara@disposalmgt.com

City:

Troy

State: MI

Zip:

48083

Phone:

248-244-2211

III. Waste Stream Information

Name of Waste:

EN Strip

Process
Generating
Waste:

Material used for stripping dirt and debris from metal parts.

Is Waste from a TSDF Like
Consolidation Process??

Yes

No

Waste
Type:

Non-Hazardous Industrial State Regt.

Container
Type:

Bulk Tanker

Volume Per
Container:

Shipment
Volume:

3-5,000gal

Volume
Units:

Gallons

Shipment
Frequency:

Other

Annual
Volume:

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342?

Yes

No

Is this waste from State or Federal Superfund Subject to CERCLA?

Yes

No

State Waste Codes:

029L

RCRA Waste Codes:

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
<input type="text" value="Water"/>	<input type="text" value="80"/>	<input type="text" value="90"/>	<input <="" td="" type="text" value="%"/> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="ppm"/></td>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text" value="Stripol"/>	<input type="text" value="5"/>	<input type="text" value="10"/>	<input <="" td="" type="text" value="%"/> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="ppm"/></td>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text" value="Stripol"/>	<input type="text" value="5"/>	<input type="text" value="10"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="ppm"/>

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None PPM
 Lead None PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761) None PPM
 Benzene None PPM
 Dioxins None PPM
 Sulfides None PPM
 Cyanides None PPM
 Oxidizer None PPM
 Pentachlorophenol No Yes. If Yes, please explain:
 OSHA Carcinogen No Yes. If Yes, please explain:

Pathogens No Yes. If Yes, please explain:
 Pesticides No Yes. If Yes, please explain:
 Polymerizes No Yes. If Yes, please explain:
 Radioactives No Yes. If Yes, please explain:
 Water Reactives No Yes. If Yes, please explain:
 Other Reactives No Yes. If Yes, please explain:

X. Certification

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

Joe Gisler
 Authorized Representative Name
 (Printed)

EHS
 Title
 (Printed)

K.C. Jones
 Company Name

Representative Signature

01-25-2024
 Date

Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL Waste Profile #: 6440234383
Sales Rep #:

I. Generator Information

Generator Name: Tawas Plating Company
Address: 510 INDUSTRIAL AVENUE
City: Tawas City County: Iosco State: MI Zip: 48763
State ID/Reg No: EPA ID #: MID020892121 NAICS #: 332813
Generator Mailing Address (if different) PO Box 419
City: Tawas City County: Iosco State: MI Zip: 48764
Generator Contact Name: Kevin Jungquist Email: kjungquist@tawasplating.com
Phone Number: 989 362-2011 Ext: 104 Fax Number:

II. Billing Information

Bill To: Tawas Plating Company Contact Name: Kevin Jungquist
Billing Address: PO Box 419 Email: kjungquist@tawasplating.com
City: Tawas City State: MI Zip: 48764 Phone: 989 362-2011

III. Waste Stream Information

Name of Waste: NEUTRALIZED ELECTROLESS NICKEL SOLUTION
Process Generating Waste: Electroless nickel plating bath on carbon steel automotive parts. Also contains nitric acid used to clean automotive parts prior to electroless nickel plating. Sodium hydroxide used to neutralize pH

Is Waste from a TSDF Like Consolidation Process?? Yes No Waste Type: Non-Hazardous Non-Industrial Container Type: Vac Truck
Volume Per Container: 5000 Shipment Volume: 8000 Volume Units: Gallons Shipment Frequency: Monthly Annual Volume: 96000

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No
Is this waste from State or Federal Superfund Subject to CERCLA? Yes No
State Waste Codes: NONE
RCRA Waste Codes: NONE

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: --Select-- Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
<input type="text" value="Electroless Nickel Solution"/>	<input type="text" value="100"/>	<input type="text" value="100"/>	<input type="text" value="%"/> >	<input type="text" value="Sodium phosphate"/>	<input type="text" value="8"/>	<input type="text" value="8"/>	<input type="text" value="%"/> >
<input type="text" value="Nickel sulfate"/>	<input type="text" value="4"/>	<input type="text" value="4"/>	<input type="text" value="%"/> >	<input type="text" value="Sodium sulfate"/>	<input type="text" value="4"/>	<input type="text" value="4"/>	<input type="text" value="%"/> >
<input type="text" value="Nitric acid"/>	<input type="text" value="10"/>	<input type="text" value="10"/>	<input type="text" value="%"/> >	<input type="text" value="Water"/>	<input type="text" value="65"/>	<input type="text" value="65"/>	<input type="text" value="%"/> >
<input type="text" value="Sodium acetate"/>	<input type="text" value="4"/>	<input type="text" value="4"/>	<input type="text" value="%"/> >	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="%"/> >
<input type="text" value="Sodium hydroxide"/>	<input type="text" value="5"/>	<input type="text" value="5"/>	<input type="text" value="%"/> >	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="%"/> >

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: --Select-- Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None 3.8 PPM
 Lead None .74 PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None 7800 PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None 8.4 PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None 100 PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761) None PPM Pathogens No Yes. If Yes, please explain:

Benzene None PPM Pesticides No Yes. If Yes, please explain:

Dioxins None PPM Polymers No Yes. If Yes, please explain:

Sulfides None PPM Radioactives No Yes. If Yes, please explain:

Cyanides None PPM Water Reactives No Yes. If Yes, please explain:

Oxidizer None PPM Other Reactives No Yes. If Yes, please explain:

Pentachlorophenol No Yes. If Yes, please explain:

OSHA Carcinogen No Yes. If Yes, please explain:

X. Certification

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

Kevin T. Jungquist

Authorized Representative Name
(Printed)

President

Title
(Printed)

Tawas Plating Company

Company Name

Representative Signature

29 January 2024

Date

Deep Well Profile



Disposal Facility: Waste Profile #:
Sales Rep #:

I. Generator Information

Generator Name:
Address:
City: County: State: Zip:
State ID/Reg No: EPA ID #: NAICS #:
Generator Mailing Address (if different)
City: County: State: Zip:
Generator Contact Name: Email:
Phone Number: Ext: Fax Number:

II. Billing Information

Bill To: Contact Name:
Billing Address: Email:
City: State: Zip: Phone:

III. Waste Stream Information

Name of Waste:
Process Generating Waste:

Is Waste from a TSDF Like Consolidation Process?? Yes No Waste Type: Container Type:
Volume Per Container: Shipment Volume: Volume Units: Shipment Frequency: Annual Volume:

IV. Federal and State Regulatory Information

Is this waste Benzene NESHAP regulated by 40 CFR 61.342? Yes No
Is this waste from State or Federal Superfund Subject to CERCLA? Yes No
State Waste Codes:
RCRA Waste Codes:

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

Deep Well Profile



V. Shipping / Packaging Information

DOT Hazardous Material / Waste? Yes No UN / NA# Packaging Group: Hazardous Class(es):

DOT Proper Shipping Name:

NOS Hazardous Constituents:

ERG#: RQ: Yes No RQ Basis: RQ Value in lbs:

Marine Pollutant as defined by 49 CFR 171.8 Yes No If Yes, describe: 24 Hour Emergency Contact Number:

VI. Physical Characteristics

Primary Color: % Suspended Solids: Layers: Specific Gravity: Or Actual

Odor: Odor (describe): pH: Dry Weight Ton Per Gallon:

Flash Point: Flash Point Test Method: Total Alkalinity (mg/L): VOC Concentration (ppm): Ammonia / Ammonia Compounds Yes No

VII. Chemical Composition

Chemical Composition (Must add up to 100%) All compounds of $\geq 1\%$ concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
Leachate	98	99	ppm				ppm
Solids	0	1	ppm				ppm
			ppm				ppm
			ppm				ppm
			ppm				ppm

Waste Composition is determined by: Analysis Safety Data Sheet (SDS) Process Knowledge

Have you taken a sample? Yes No

Is the representative sample collected in accordance with US EPA 40 CFR 261.20 (c) or equivalent? Yes No

Sample Type: Sample ID #: Sample Date (mm/dd/yy):

List additional sample ID#(s) and dates and/or list the product name of each SDS submitted:

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

Deep Well Profile



VIII. Chemical Properties

RCRA Items:

Arsenic None PPM
 Barium None PPM
 Cadmium None PPM
 Chromium None PPM
 Lead None PPM
 Mercury None PPM
 Selenium None PPM
 Silver None PPM

State Regulated:

TPH (TX & CA) None PPM
 Antimony (TX & CA) None PPM
 Beryllium (TX & CA) None PPM
 Nickel (TX & CA) None PPM
 Chromium VI (CA) None PPM
 Cobalt (CA) None PPM
 Copper (CA) None PPM
 Molybdenum (CA) None PPM
 Thallium (CA) None PPM
 Vanadium (CA) None PPM
 Zinc (CA) None PPM

Operational:

Bromide None PPM
 Calcium None PPM
 Chloride None PPM
 Fluoride (CA) None PPM
 Iodine None PPM
 Iron None PPM
 Magnesium None PPM
 Potassium None PPM
 Sodium None PPM
 Sulfur None PPM

IX. Chemical Properties Certification (Each item must be answered)

PCB's (per 40 CFR 761) None PPM
 Benzene None PPM
 Dioxins None PPM
 Sulfides None PPM
 Cyanides None PPM
 Oxidizer None PPM
 Pentachlorophenol No Yes. If Yes, please explain:
 OSHA Carcinogen No Yes. If Yes, please explain:

Pathogens No Yes. If Yes, please explain:
 Pesticides No Yes. If Yes, please explain:
 Polymerizes No Yes. If Yes, please explain:
 Radioactives No Yes. If Yes, please explain:
 Water Reactives No Yes. If Yes, please explain:
 Other Reactives No Yes. If Yes, please explain:

X. Certification

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

Christina L. Pearse

Authorized Representative Name
(Printed)

Team Environmental Manager

Title
(Printed)

Lyon Landfill

Company Name

Christina L. Pearse

Representative Signature

1/29/2024

Date

F039 Analysis

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 3/11/2024 1:28:19 PM

JOB DESCRIPTION

F039

JOB NUMBER

190-33640-1

Eurofins Michigan

Job Notes

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Authorization



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



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Sample Summary

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

Job ID: 190-33640-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
190-33640-1	JAN 2024 F039 COMP.	Water	01/31/24 00:00	02/01/24 13:47

1

2

3

4

5

6

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9

Case Narrative

Client: Republic Industrial and Energy Solutions
Project: F039

Job ID: 190-33640-1

Job ID: 190-33640-1

Eurofins Michigan

Job Narrative 190-33640-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The sample was received on 2/1/2024 1:47 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 10.0°C.

GC/MS Semi VOA

Method 8270E: The following sample was diluted due to the nature of the sample matrix: JAN 2024 F039 COMP. (190-33640-1). Elevated reporting limits (RLs) are provided.

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

Pesticides

Method 8081B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-602294.

Method 8081B: The following sample was diluted due to the nature of the sample matrix: JAN 2024 F039 COMP. (190-33640-1). As such, surrogate recoveries may be below the calibration range, and elevated reporting limits (RLs) are provided.

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

Dioxin

Method 8290A: The following samples exhibited elevated noise or matrix interferences for one or more analytes causing elevation of the detection limit (EDL): JAN 2024 F039 COMP. (190-33640-1). The reporting limit (RL) for the affected analytes has been raised to be equal to the EDL, and a "G" qualifier applied.

Method 8290A: Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following sample: JAN 2024 F039 COMP. (190-33640-1). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method 8290A: The concentration of one or more analytes associated with the following sample exceeded the instrument calibration range: JAN 2024 F039 COMP. (190-33640-1) DL. These analytes have been qualified; however, the peak(s) did not saturate the instrument detector. Historical data indicate that for the isotope dilution method, further dilution and re-analysis will not produce significantly different results from those reported above the calibration range.

Method 8290A: The following sample was diluted due to saturation of the instrument detector in the analysis of the undiluted extract: JAN 2024 F039 COMP. (190-33640-1). Elevated reporting limits (RLs) are provided.

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

Eurofins Michigan

Client Sample Results

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

Job ID: 190-33640-1

Client Sample ID: JAN 2024 F039 COMP.

Lab Sample ID: 190-33640-1

Date Collected: 01/31/24 00:00

Matrix: Water

Date Received: 02/01/24 13:47

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<500		500	ug/L		02/05/24 12:44	02/07/24 18:15	20
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	109		31 - 140			02/05/24 12:44	02/07/24 18:15	20
Phenol-d5 (Surr)	21		18 - 120			02/05/24 12:44	02/07/24 18:15	20
Nitrobenzene-d5 (Surr)	74		13 - 120			02/05/24 12:44	02/07/24 18:15	20
2-Fluorophenol (Surr)	25		12 - 120			02/05/24 12:44	02/07/24 18:15	20
2-Fluorobiphenyl (Surr)	83		23 - 120			02/05/24 12:44	02/07/24 18:15	20
2,4,6-Tribromophenol (Surr)	122		10 - 126			02/05/24 12:44	02/07/24 18:15	20

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<1.1		1.1	ug/L		02/07/24 08:20	02/09/24 14:32	20
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	8	p S1-	10 - 145			02/07/24 08:20	02/09/24 14:32	20
Tetrachloro-m-xylene	564	S1+	10 - 123			02/07/24 08:20	02/09/24 14:32	20

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	180	q	49		pg/L		02/14/24 07:01	03/05/24 04:52	1
1,2,3,4,7,8-HxCDD	200	q	49		pg/L		02/14/24 07:01	03/05/24 04:52	1
1,2,3,6,7,8-HxCDD	400		49		pg/L		02/14/24 07:01	03/05/24 04:52	1
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	16000		99		pg/L		02/14/24 07:01	03/05/24 04:52	1
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	220	G	12		pg/L		02/14/24 07:01	03/05/24 04:52	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	105		40 - 135				02/14/24 07:01	03/05/24 04:52	1
13C-1,2,3,6,7,8-HxCDD	111		40 - 135				02/14/24 07:01	03/05/24 04:52	1
13C-OCDD	152	*5+	40 - 135				02/14/24 07:01	03/05/24 04:52	1
13C-OCDF	168	*5+	40 - 135				02/14/24 07:01	03/05/24 04:52	1
13C-2,3,7,8-TCDD	98		40 - 135				02/14/24 07:01	03/05/24 04:52	1

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS) - DL

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	580000	E	490		pg/L		02/14/24 07:01	03/08/24 16:30	5
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	105		40 - 135				02/14/24 07:01	03/08/24 16:30	5
13C-1,2,3,6,7,8-HxCDD	112		40 - 135				02/14/24 07:01	03/08/24 16:30	5
13C-OCDD	85		40 - 135				02/14/24 07:01	03/08/24 16:30	5
13C-OCDF	83		40 - 135				02/14/24 07:01	03/08/24 16:30	5
13C-2,3,7,8-TCDD	98		40 - 135				02/14/24 07:01	03/08/24 16:30	5

QC Sample Results

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

Job ID: 190-33640-1

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

Lab Sample ID: MB 240-602035/1-A
Matrix: Water
Analysis Batch: 602285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 602035

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0	ug/L		02/05/24 12:44	02/07/24 11:18	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	102		31 - 140			02/05/24 12:44	02/07/24 11:18	1
Phenol-d5 (Surr)	76		18 - 120			02/05/24 12:44	02/07/24 11:18	1
Nitrobenzene-d5 (Surr)	95		13 - 120			02/05/24 12:44	02/07/24 11:18	1
2-Fluorophenol (Surr)	85		12 - 120			02/05/24 12:44	02/07/24 11:18	1
2-Fluorobiphenyl (Surr)	84		23 - 120			02/05/24 12:44	02/07/24 11:18	1
2,4,6-Tribromophenol (Surr)	79		10 - 126			02/05/24 12:44	02/07/24 11:18	1

Lab Sample ID: LCS 240-602035/2-A
Matrix: Water
Analysis Batch: 602285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 602035

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrosodimethylamine	32.0	16.4		ug/L		51	10 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
Terphenyl-d14 (Surr)	100		31 - 140				
Phenol-d5 (Surr)	74		18 - 120				
Nitrobenzene-d5 (Surr)	93		13 - 120				
2-Fluorophenol (Surr)	100		12 - 120				
2-Fluorobiphenyl (Surr)	82		23 - 120				
2,4,6-Tribromophenol (Surr)	82		10 - 126				

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-602294/1-A
Matrix: Water
Analysis Batch: 602565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 602294

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.013		0.013	ug/L		02/07/24 08:20	02/09/24 13:56	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		10 - 145			02/07/24 08:20	02/09/24 13:56	1
Tetrachloro-m-xylene	62		10 - 123			02/07/24 08:20	02/09/24 13:56	1

Lab Sample ID: LCS 240-602294/2-A
Matrix: Water
Analysis Batch: 602565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 602294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.250	0.288		ug/L		115	26 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	72		10 - 145				

Eurofins Michigan

QC Sample Results

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

Job ID: 190-33640-1

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

Lab Sample ID: LCS 240-602294/2-A
Matrix: Water
Analysis Batch: 602565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 602294

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	68		10 - 123

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

Lab Sample ID: MB 320-740294/1-A
Matrix: Water
Analysis Batch: 744313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 740294

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	<50		50		pg/L		02/14/24 07:01	03/04/24 21:24	1
1,2,3,4,7,8-HxCDD	<50		50		pg/L		02/14/24 07:01	03/04/24 21:24	1
1,2,3,6,7,8-HxCDD	<50		50		pg/L		02/14/24 07:01	03/04/24 21:24	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	<100		100		pg/L		02/14/24 07:01	03/04/24 21:24	1
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	<100		100		pg/L		02/14/24 07:01	03/04/24 21:24	1
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	<10		10		pg/L		02/14/24 07:01	03/04/24 21:24	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	111		40 - 135				02/14/24 07:01	03/04/24 21:24	1
13C-1,2,3,6,7,8-HxCDD	117		40 - 135				02/14/24 07:01	03/04/24 21:24	1
13C-OCDD	131		40 - 135				02/14/24 07:01	03/04/24 21:24	1
13C-OCDF	131		40 - 135				02/14/24 07:01	03/04/24 21:24	1
13C-2,3,7,8-TCDD	119		40 - 135				02/14/24 07:01	03/04/24 21:24	1

Lab Sample ID: LCS 320-740294/2-A
Matrix: Water
Analysis Batch: 744313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 740294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1000	1010		pg/L		101	59 - 148
1,2,3,4,7,8-HxCDD	1000	992		pg/L		99	64 - 131
1,2,3,6,7,8-HxCDD	1000	1000		pg/L		100	66 - 148
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	2000	2070		pg/L		104	68 - 134
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	2000	1940		pg/L		97	64 - 142
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	200	200		pg/L		100	66 - 146
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits				
13C-1,2,3,4,7,8-HxCDD	121		40 - 135				
13C-1,2,3,6,7,8-HxCDD	124		40 - 135				
13C-OCDD	131		40 - 135				
13C-OCDF	133		40 - 135				
13C-2,3,7,8-TCDD	119		40 - 135				

QC Sample Results

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

Job ID: 190-33640-1

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

Lab Sample ID: LCSD 320-740294/3-A

Matrix: Water

Analysis Batch: 744313

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 740294

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1000	993		pg/L		99	59 - 148	2	20
1,2,3,4,7,8-HxCDD	1000	1030		pg/L		103	64 - 131	4	20
1,2,3,6,7,8-HxCDD	1000	978		pg/L		98	66 - 148	3	20
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	2000	1820		pg/L		91	68 - 134	13	20
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	2000	1740		pg/L		87	64 - 142	11	20
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	200	202		pg/L		101	66 - 146	1	20

Isotope Dilution	LCSD		Limits
	%Recovery	Qualifier	
13C-1,2,3,4,7,8-HxCDD	117		40 - 135
13C-1,2,3,6,7,8-HxCDD	126		40 - 135
13C-OCDD	126		40 - 135
13C-OCDF	129		40 - 135
13C-2,3,7,8-TCDD	114		40 - 135

Definitions/Glossary

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

Job ID: 190-33640-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Dioxin

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
E	Result exceeded calibration range.
G	The reported quantitation limit has been raised due to an exhibited elevated noise or matrix interference
q	The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

Glossary

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

Chain of Custody Record



Eurofins TestAmerica - Brighton — 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763

Environment Testing
TestAmerica

Client Contact Company Name: RIES Address: 28470 CITRIN DR City/State/Zip: ROMULUS MI 48174 Phone: 248-517-1133 Project Name: FO39 Project Number: 19001517 PO #:		Regulatory program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Client Project Manager: SUE SCHAFER Telephone: 248-517-1133 Email:		Site Contact: SADIA ALSAID Telephone: 810-919-2900	
Method of Shipment/Carrier: Shipping/Tracking No:		Analysis Turnaround Time TAT if different from below: <input type="checkbox"/> 10 bus <input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	
Sample Identification JAN 2024 FO39 COMP.		Containers & Preservatives H2SO4 HNO3 HCl NaOH ZnAc Uppers Other:	
Sample Date: 1/24/24 Sample Time:		Matrix Aqueous Sediment Solid Other:	
Filtered Sample (Y/N) Composite C/Grab G		Analyses Walk-in client Lab sampling Job/SDG No:	
COC No: 1 of 1 COCs For lab use only		Sample Specific Notes / Special Instructions:	
Sample Disposal (A fee may be assessed if applicable): <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown	
Special Instructions/QC Requirements & Comments:			
(Print Name) Eurofins TestAmerica Field Technician -			
Relinquished by: Angela... Date/Time: 2-1-24 10:20A		Received by: Willy Mc... Date/Time: 2-1-24 10:30	
Relinquished by: Willy Mc... Date/Time: 2-1-24		Received by: BEA Date/Time: 2-1-24 13:47	
Relinquished by:		Received in Laboratory by:	





Environment Testing
TestAmerica

SDS or Known Hazard Information Supplied by Client

Discrepancies

Short Hold

Rush 24 Hr 2-Day 3-Day 5-Day Other: _____

Client ID: REIS

Work Order #: 33640

Receipt Evaluation Performed by: Initials: JK Date: 2/1 Time: 13:47

Cooler / Sample Receipt

After hours receipt: complete gray areas. Place cooler in walk-in, place form in Receiving box. Date: _____ Time: _____

Method of Shipment:

Walk-In Client Eurofins TA Field/Courier

Other Client / 3rd Party Courier: _____

Fed Ex Tracking #: _____

UPS Tracking #: _____

Other: _____

Shipping Container Type:

Cooler Box

None Other: _____

Packing Materials:

Plastic Bags Foam

Bubble Wrap Paper

Packing Peanuts None

Other: _____

Custody Seals Intact:

Yes No

NA (not used or required)

Cooling Materials:

Ice (Solid) Ice (Melted)

Blue Ice None

Other: _____

Bacteriological Samples	Temp Corrected (°C)	Frozen?		Rec'd Within 2 Hrs?		Sample Flagged?	
		Yes	No	Yes	No	Yes	No

Received on same day sampled? Yes No

Additional Sheets Required? Yes No

Receipt Temperatures

Thermometer ID	Observed (°C)	Corrected (°C)	Temp Blank	Sample Temp	Acceptable	Cooler ID	Affected Samples
CP313207	10.0	10.0			Y N		Bubble wrapper
					Y N		not on ice
					Y N		when picked up

Receipt Questions**	Y	N	NA	"No" answers require additional comment
CoC present and ETA receipt signature, date, and time properly documented?		<input checked="" type="checkbox"/>		No sample time on bottle and CoC
Containers and Labels in good condition? (unbroken, not leaking, appropriately filled, labels legible & attached)	<input checked="" type="checkbox"/>			
Appropriate containers used and adequate volume provided?	<input checked="" type="checkbox"/>			Preserved bottles checked for pH? Yes No
Number of sample containers match CoC?	<input checked="" type="checkbox"/>			pH strip lot # _____
Samples received within hold?	<input checked="" type="checkbox"/>			
Samples submitted for GRO and Volatiles analysis (8260, 624, 524) received without headspace?			<input checked="" type="checkbox"/>	
Was a Trip Blank received with VOA samples?			<input checked="" type="checkbox"/>	
Were the samples free of any questionable physical conformities? (i.e.: field duplicates or multiple bottles of the same sample do not significantly vary in appearance - color, solid proportions, etc.)	<input checked="" type="checkbox"/>			
Were the CoC bottle labels and all other items free of all other discrepancies or issues that would need to be addressed with the Project Manager and/or Client?	<input checked="" type="checkbox"/>			

Client Contact Record

Contact Via: Phone Email Other: _____ Person Contacted: _____ Date/Time: _____

Discrepancy allowance agreement is on record in the client project file

Discussion / Resolution

Any additional documentation and clarification from the client must be noted in the narrative and/or scanned into the CoC directory.

Reviewed by [Signature] Date: 2/1/2024

WI-MI-010_020720

Chain of Custody Record



47/47

Client Information (Sub Contract Lab)		Lab PM Schafer, Sue	Carrier Tracking No(s)	COC No 190-38393.1
Shipping/Receiving		E-Mail Sue.Schafer@et.eurofins.com	State of Origin Michigan	Page Page 1 of 1
Company Eurofins Environment Testing North Cent		Accreditations Required (See note)		
Address 180 S. Van Buren Avenue,		Due Date Requested: 2/14/2024		
City Barberton	TAT Requested (days):	Analysis Requested		
State, Zip OH, 44203	PO #	8270E/3510C_LVI Nitrosodimethylamine LVI	8081B/3510C_LVI ALDRIN	8270E/3510C_LVI Nitrosodimethylamine LVI
Phone 330-497-9396(Tel) 330-497-0772(Fax)	WO #	Perform MS/MSD (Yes or No)	Field Filtered Sample (Yes or No)	Total Number of containers
Email	Project # 19001517	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4
Site F039	SSOW#	Preservation Code:	Matrix (W=water, S=solid, O=waste/oil, BT=tissue, A=air)	Special Instructions/Note: E50 Nitrosodimethylamine in the analyte list
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	
JAN 2024 F039 COMP. (190-33640-1)	1/31/24	Eastern	Water	
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte, & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC</p>				
Possible Hazard Identification				
Unconfirmed				
Deliverable Requested: I, II, III, IV, Other (specify)				
Primary Deliverable Rank: 2				
Empty Kit Relinquished by:				
Relinquished by	Date:	Time:		
Relinquished by	2/1/24 14:05	Company		
Relinquished by		Company		
Relinquished by		Company		
Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks		
Δ Yes Δ No				



Eurofins - Cleveland Sample Receipt Form/Narrative
Barberton Facility

Login # : _____

Client ETA Site Name _____ Cooler unpacked by: Wany Doyle
Cooler Received on 2-2-24 Opened on 2-2-24
FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____
Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag - None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt: See Multiple Cooler Form
IR GUN # 22 (CF 70.0 °C) Observed Cooler Temp. 4.7 °C Corrected Cooler Temp. 4.7 °C

- 2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1
 - Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 - Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No NA
 - Were tamper/custody seals intact and uncompromised? Yes No NA
- 3. Shippers' packing slip attached to the cooler(s)? Yes No
- 4. Did custody papers accompany the sample(s)? Yes No
- 5. Were the custody papers relinquished & signed in the appropriate place? Yes No
- 6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
- 7. Did all bottles arrive in good condition (Unbroken)? Yes No
- 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
- 9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? Yes No
- 10. Were correct bottle(s) used for the test(s) indicated? Yes No
- 11. Sufficient quantity received to perform indicated analyses? Yes No
- 12. Are these work share samples and all listed on the COC? Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

- If yes, Questions 13-17 have been checked at the originating laboratory.
- 13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC316719
 - 14. Were VOAs on the COC? Yes No
 - 15. Were air bubbles >6 mm in any VOA vials? Larger than this. Yes No NA
 - 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
 - 17. Was a LL Hg or Me Hg trip blank present? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____
Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page Samples processed by: _____

19. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____
VOA Sample Preservation - Date/Time VOAs Frozen: _____

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):	
Shipping/Receiving		Phone:		Schafer, Sue		190-38392.1	
Company: Eurofins Environment Testing Northern Ca		E-Mail: Sue.Schafer@et.eurofins.com		State of Origin: Michigan		Page: Page 1 of 1	
Address: 880 Riverside Parkway,		Accreditations Required (See note):		Job #:		190-33640-1	
City: West Sacramento		Due Date Requested: 2/14/2024		Preservation Codes:		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
State, Zip: CA, 95605		TAT Requested (days):		Performs MS/MSD (Yes or No)		Total Number of Containers	
Phone: 916-373-5600(Tel) 916-372-1059(Fax)		PO #:		Field Filtered Sample (Yes or No)		8290A/8290_P-Sep DIOXINS Project List	
Email:		WO #:		Preservation Code:		X	
Project Name: F039		Project #: 19001517		Sample Date		1/31/24	
Site:		SSOW#:		Sample Time		Eastern	
Sample Identification - Client ID (Lab ID)		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastewat, BT=tissue, A=air)		Water	
JAN 2024 F039 COMP. (190-33640-1)		Sample Date		Sample Time		Eastern	

Special Instructions/Note:	
2	

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements:

Primary Deliverable Rank: 2

Empty Kit Relinquished by:	Date:	Method of Shipment:
Relinquished by: <i>[Signature]</i>	2/11/24 14:10	
Relinquished by:	Date/Time:	Company: <i>[Signature]</i>
Relinquished by:	Date/Time:	Company:
Custody Seals Intact: Yes A No	Custody Seal No.: 1797920	Cooler Temperature(s) °C and Other Remarks: 1.6



Isotope Dilution Summary

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

Job ID: 190-33640-1

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

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HxCDD	HxDD	OCDD	OCDF	TCDD
		(40-135)	(40-135)	(40-135)	(40-135)	(40-135)
190-33640-1	JAN 2024 F039 COMP.	105	111	152 *5+	168 *5+	98
190-33640-1 - DL	JAN 2024 F039 COMP.	105	112	85	83	98
LCS 320-740294/2-A	Lab Control Sample	121	124	131	133	119
LCS 320-740294/3-A	Lab Control Sample Dup	117	126	126	129	114
MB 320-740294/1-A	Method Blank	111	117	131	131	119

Surrogate Legend

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

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

OCDD = 13C-OCDD

OCDF = 13C-OCDF

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

