



## Sustainability in Action

January 24, 2024

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

Re: RIES Monthly Report – December 2023

Dear Mr. Greenhagen:

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

RIES accepted F039 waste in December of 2023 and as stated on page A-3 of 3 of RIES's two EPA permits, analysis for the F039 waste is required and is included in this report.

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

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

Sincerely,

John C. Barta  
General Manager

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

**AVERAGE INJECTION RATE**

**Calculation of Average Injection Rate**

CURRENT REPORTING YEAR 2023

CURRENT REPORTING MONTH December

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
<b>MI-163-1W-C010 , Well #1-12</b>			
Current Month	540,974	0	540,974
Since facility first injected			59,828,505
<b>MI-163-1W-C011, Well #2-12</b>			
Current Month	742,636	0	742,636
Since facility first injected			41,296,860
		Lifetime Combined	101,125,365

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 120

120 lifetime number of months of injection × 43,830 minutes/month  
= 5,259,600 minutes of injection

Lifetime combined injected volume  $\frac{101,125,365}{5,259,600}$  minutes of injection  
= 19.23 gpm average injection rate

**WELL 1 DATA**



**Injection Well 1, December 2023**

	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
12/1/2023	76.6	657.3	12.4	13.3	591.4	987.6	0.3	7.9	0.0	80.6	150.4	680.8
12/2/2023	116.7	134.9	12.3	12.4	816.2	853.8	6.0	6.1	0.0	0.0	681.2	736.9
12/3/2023	109.5	116.9	12.3	12.4	850.6	853.9	6.1	6.1	0.0	0.0	736.3	741.8
12/4/2023	75.2	543.8	12.3	12.4	788.9	1,007.9	0.3	7.4	0.0	0.0	415.5	789.2
12/5/2023	76.9	581.3	12.3	12.4	790.6	992.1	0.3	7.5	0.0	76.7	398.5	738.4
12/6/2023	126.7	456.3	12.3	12.4	804.7	934.6	0.5	7.0	0.0	58.2	465.7	695.6
12/7/2023	110.8	371.3	12.3	12.4	777.9	891.6	0.5	7.2	0.0	54.6	499.6	689.1
12/8/2023	131.0	370.3	12.3	12.4	749.4	904.2	0.5	7.6	0.0	54.7	447.9	674.0
12/9/2023	119.0	436.4	12.4	12.5	749.2	883.0	6.3	7.8	0.0	50.5	417.8	681.4
12/10/2023	119.3	137.2	12.3	12.4	780.0	799.2	7.4	7.4	0.0	0.0	642.8	679.8
12/11/2023	85.3	376.6	12.3	12.4	665.9	907.6	0.0	7.4	0.0	55.2	433.7	682.9
12/12/2023	75.0	573.2	12.3	12.4	681.3	923.8	1.0	7.5	0.0	69.1	339.1	691.7
12/13/2023	75.0	638.2	12.3	12.4	679.9	959.0	1.0	6.5	0.0	93.1	301.2	710.5
12/14/2023	47.6	60.6	12.3	12.3	742.0	763.2	3.5	3.6	0.0	0.0	681.4	715.4
12/15/2023	43.2	47.9	12.3	12.4	760.6	763.2	3.6	3.6	0.0	0.0	714.7	718.1
12/16/2023	40.4	43.5	12.3	12.4	756.2	761.3	3.6	3.6	0.0	0.0	715.7	718.1
12/17/2023	38.3	40.7	12.3	12.4	751.1	757.1	3.6	3.7	0.0	0.0	712.6	716.7
12/18/2023	119.7	605.0	12.3	12.4	259.9	899.0	3.7	7.9	0.0	70.3	135.0	713.4
12/19/2023	75.2	626.8	10.8	12.4	134.4	809.5	3.8	7.4	0.0	69.6	11.3	533.8
12/20/2023	76.2	566.9	10.8	10.8	527.4	797.8	0.6	7.1	0.0	70.3	169.7	515.4
12/21/2023	114.3	122.2	8.1	12.7	610.2	1,247.4	0.6	7.9	0.0	0.0	488.9	1129.1
12/22/2023	107.2	115.4	8.1	8.2	1219.2	1,232.8	4.7	4.8	0.0	0.0	1111.7	1117.9
12/23/2023	103.7	107.4	8.1	8.2	1206.7	1,219.9	4.6	4.7	0.0	0.0	1102.7	1112.7
12/24/2023	101.5	104.0	8.2	8.2	1194.9	1,207.4	4.6	4.6	0.0	0.0	1093.0	1103.5
12/25/2023	100.0	101.9	8.2	8.2	1183.3	1195.3	4.5	4.6	0.0	0.0	1083.0	1093.8
12/26/2023	99.8	106.4	8.2	8.2	1174.3	1,183.6	4.5	6.5	0.0	0.0	1069.2	1083.4
12/27/2023	103.4	109.5	8.2	8.2	1164.7	1,174.9	6.0	6.6	0.0	0.0	1056.7	1070.0
12/28/2023	105.3	113.5	8.2	8.2	1154.1	1,164.8	1.4	7.1	0.0	0.0	1044.6	1057.3
12/29/2023	106.1	111.1	8.2	8.2	1144.0	1,154.5	1.3	7.1	0.0	0.0	1034.5	1046.3
12/30/2023	104.0	109.5	8.1	8.2	1131.5	1,144.5	1.3	1.3	0.0	0.0	1027.2	1035.2
12/31/2023	101.3	104.3	8.1	-8.2	1120.2	1131.9	1.3	1.3	0.0	0.0	1018.7	1027.9

## 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

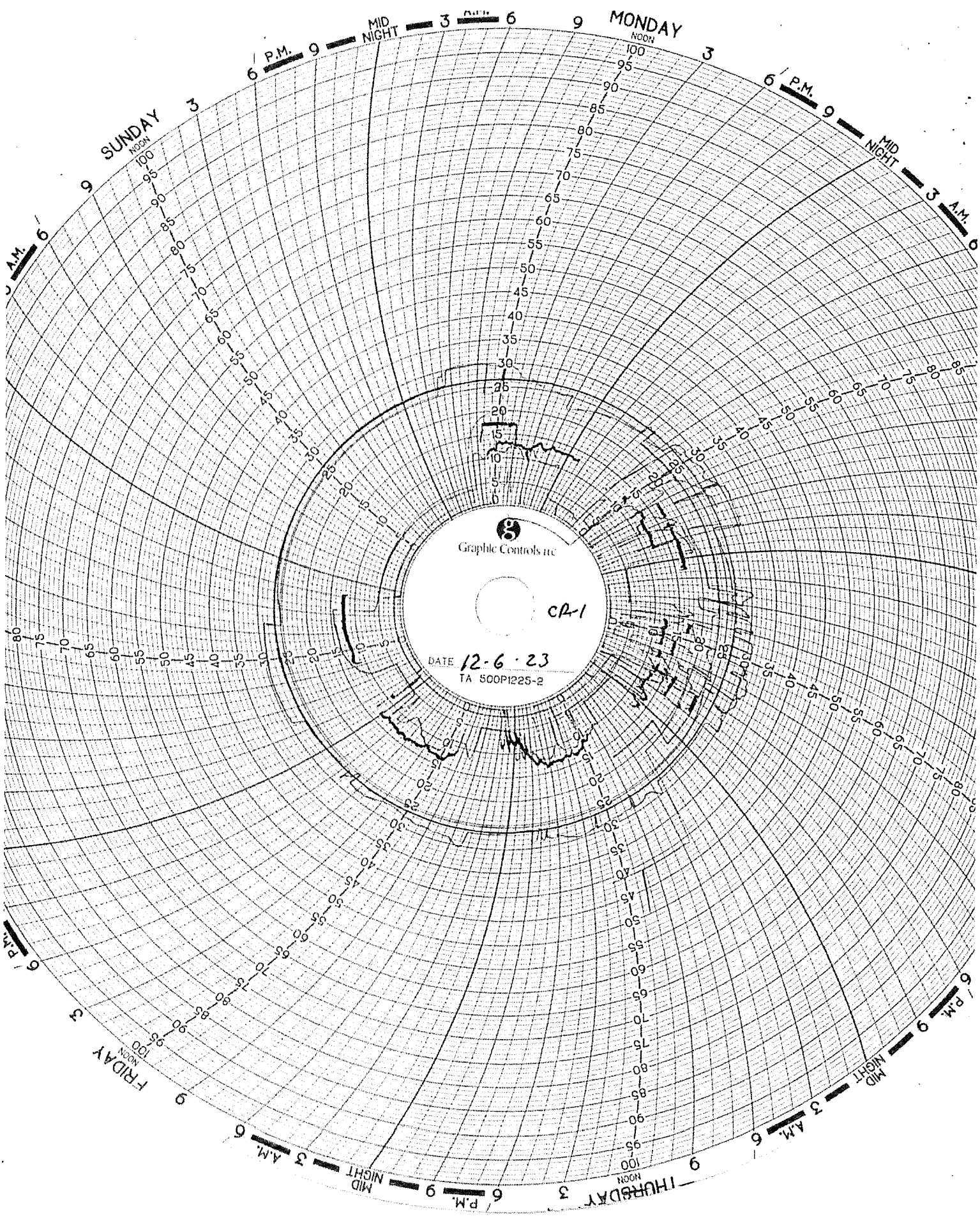
**Red Pen** — Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

channel *tm*

**Black Pen** — Temperature (chart value x 0)



Graphic Controls inc

CP-1

DATE 12-6-23  
TA 500P1225-2

SUNDAY  
NOON

MONDAY  
NOON

FRIDAY  
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THURSDAY  
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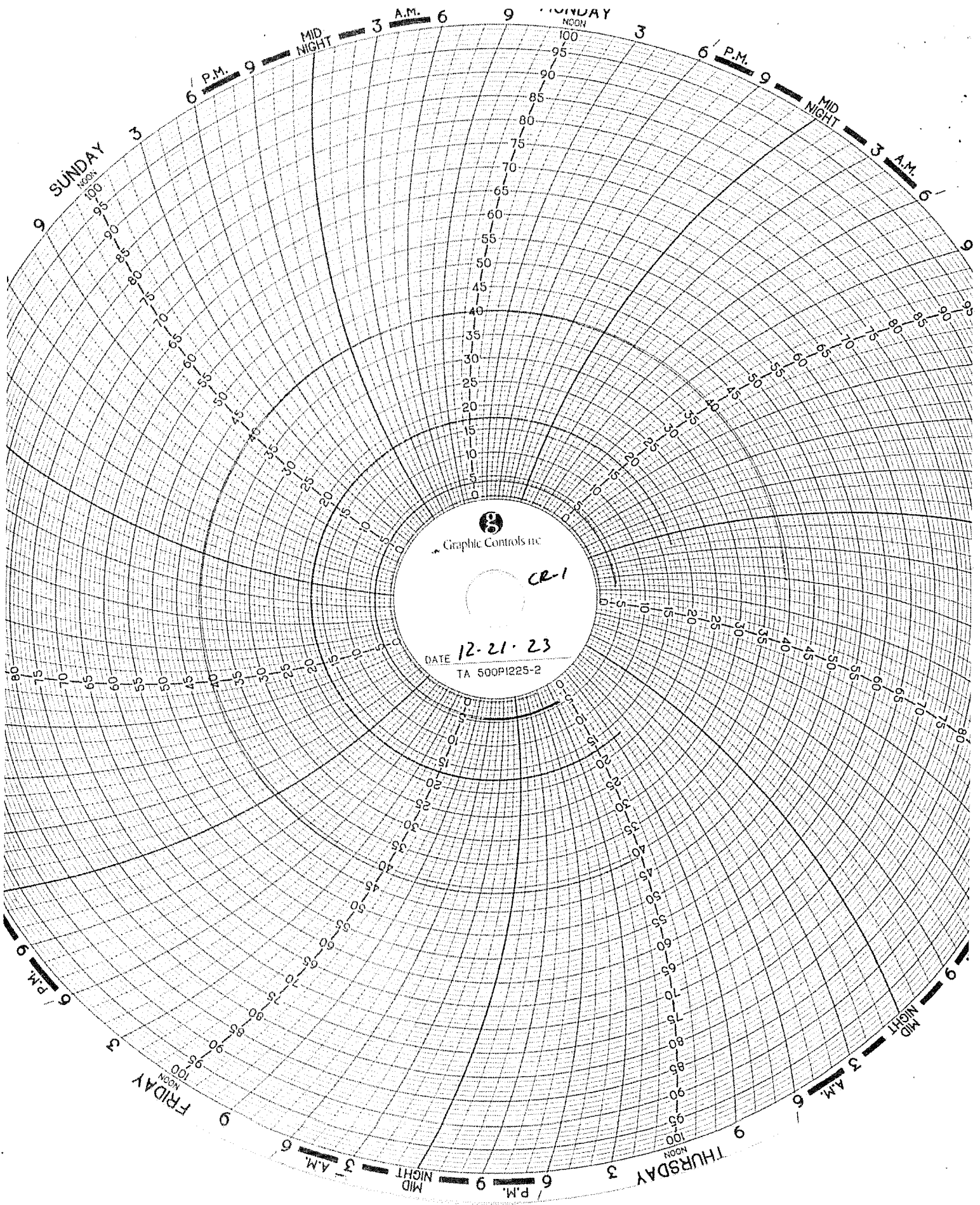
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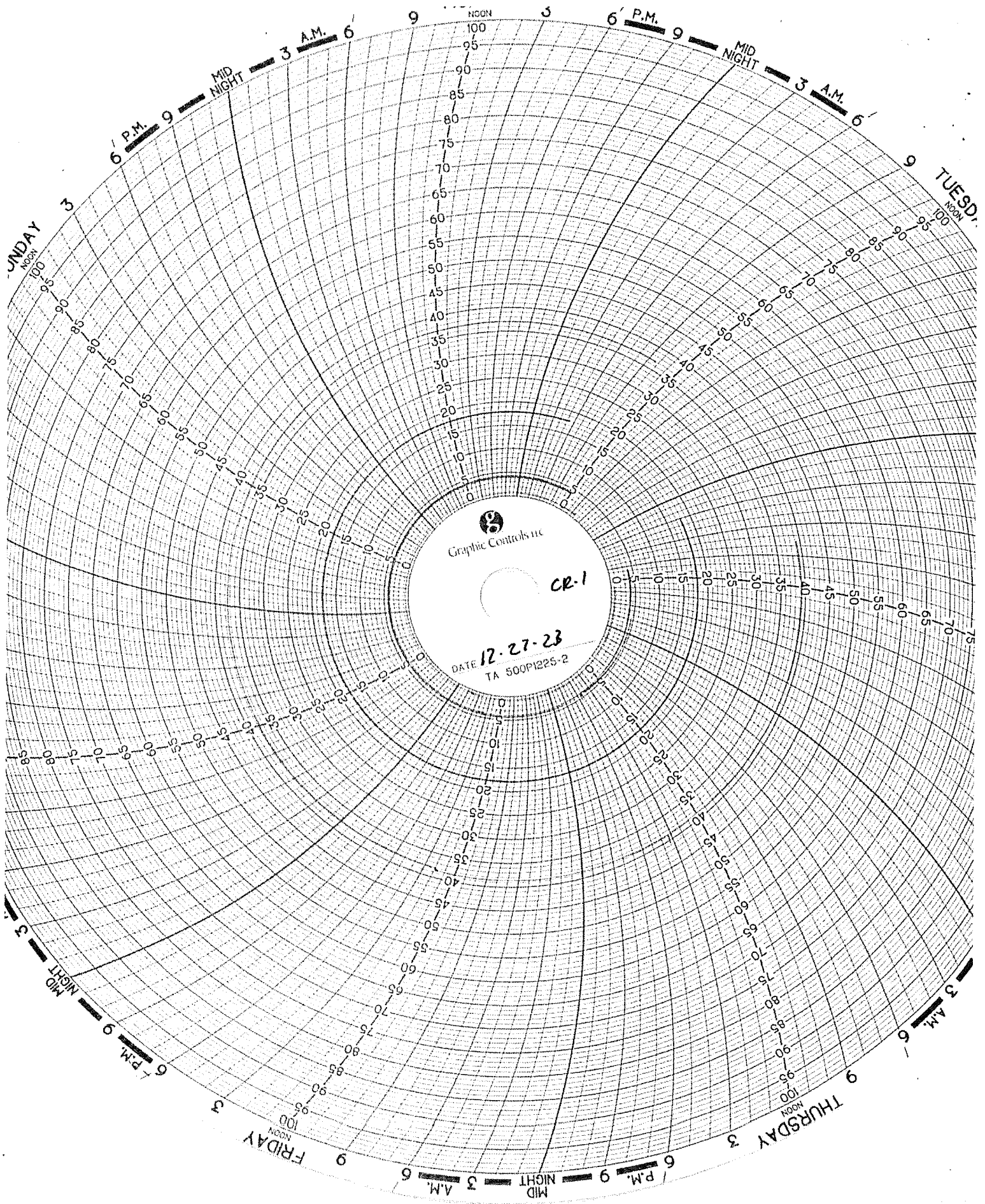
MID NIGHT

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Graphic Controls Inc

CR-1

DATE 12-27-23  
TA 500PI225-2

**WELL 2 DATA**



**Injection Well 2, December 2023**

	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
12/1/2023	24.0	718.2	29.2	29.3	794.8	1,022.8	0.3	7.9	0.0	72.5	290.4	806.6
12/2/2023	130.8	178.8	29.2	29.3	829.6	875.7	6.0	6.1	0.0	0.0	650.8	744.8
12/3/2023	117.3	131.1	29.1	29.2	875.2	878.6	6.1	6.1	0.0	0.0	744.2	761.1
12/4/2023	114.6	600.3	29.1	29.2	827.6	1,060.5	0.3	7.4	0.0	71.8	402.8	772.4
12/5/2023	109.5	641.6	29.2	29.2	831.6	1,040.4	0.3	7.5	0.0	70.7	389.5	729.5
12/6/2023	126.0	457.6	29.2	29.2	828.3	999.5	0.5	7.0	0.0	41.8	493.8	747.9
12/7/2023	109.8	370.5	29.2	29.2	803.0	953.8	0.5	7.2	0.0	43.7	533.8	748.2
12/8/2023	129.7	369.3	29.2	29.3	784.8	971.2	0.5	7.6	0.0	39.9	491.5	739.6
12/9/2023	117.6	435.3	29.2	29.4	788.2	925.5	6.3	7.8	0.0	39.5	465.1	732.7
12/10/2023	117.6	135.7	29.2	29.3	850.5	875.2	7.4	7.4	0.0	0.0	714.8	757.4
12/11/2023	83.9	375.6	29.1	29.2	719.8	974.3	0.0	7.4	0.0	41.2	490.4	759.9
12/12/2023	66.0	639.8	29.1	29.2	747.8	1,018.4	1.0	7.5	0.0	63.4	366.0	768.3
12/13/2023	89.2	694.3	29.1	29.2	765.3	1,054.2	1.0	6.5	0.0	88.2	299.2	739.6
12/14/2023	57.1	89.3	29.1	29.2	824.9	851.8	3.5	3.6	0.0	0.0	735.6	794.6
12/15/2023	47.9	57.4	29.1	29.2	851.5	854.7	3.6	3.6	0.0	0.0	794.3	806.9
12/16/2023	42.4	48.2	29.1	29.2	854.5	855.7	3.6	3.6	0.0	0.0	806.3	813.2
12/17/2023	38.8	42.7	29.1	29.2	855.4	856.3	3.6	3.7	0.0	0.0	812.8	817.3
12/18/2023	37.7	747.8	29.1	29.2	709.6	1,048.4	3.7	8.0	0.0	77.4	299.8	818.3
12/19/2023	38.6	669.7	29.1	29.2	743.9	1,007.2	3.8	7.4	0.0	66.1	315.0	713.2
12/20/2023	79.5	744.9	29.1	29.2	748.6	1,029.1	0.6	7.4	0.0	78.0	284.1	701.0
12/21/2023	144.6	754.4	29.1	29.2	809.5	1,072.2	0.6	7.8	0.0	74.4	309.4	701.1
12/22/2023	126.9	171.3	29.1	29.2	844.1	864.3	6.5	6.5	0.0	0.0	672.9	737.3
12/23/2023	114.6	127.2	29.1	29.1	864.1	866.5	6.5	6.5	0.0	0.0	736.9	751.7
12/24/2023	108.0	115.0	29.1	29.2	866.0	867.5	6.5	6.5	0.0	0.0	751.2	759.4
12/25/2023	103.7	108.4	29.1	29.2	867.0	868.3	6.5	6.5	0.0	0.0	758.9	764.5
12/26/2023	102.7	726.3	29.2	29.3	866.5	1,106.4	1.0	9.3	0.0	82.6	369.4	765.6
12/27/2023	133.0	731.6	29.2	29.3	840.0	1,096.3	0.9	7.8	0.0	83.5	290.7	741.0
12/28/2023	130.8	841.3	29.2	29.2	813.5	1,071.0	1.4	7.1	0.0	82.8	215.1	738.7
12/29/2023	71.8	662.6	29.2	29.2	761.9	1,034.1	1.3	1.4	0.0	84.9	264.4	750.6
12/30/2023	47.7	71.9	29.1	29.2	822.4	844.1	1.3	1.3	0.0	0.0	750.5	796.4
12/31/2023	40.4	47.9	29.1	29.1	843.9	847.4	1.3	1.3	0.0	0.0	796.0	806.9

## Circle Chart Index

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

### Chart Recorder #1

Channel #1

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

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Channel #3

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

Channel #4

**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

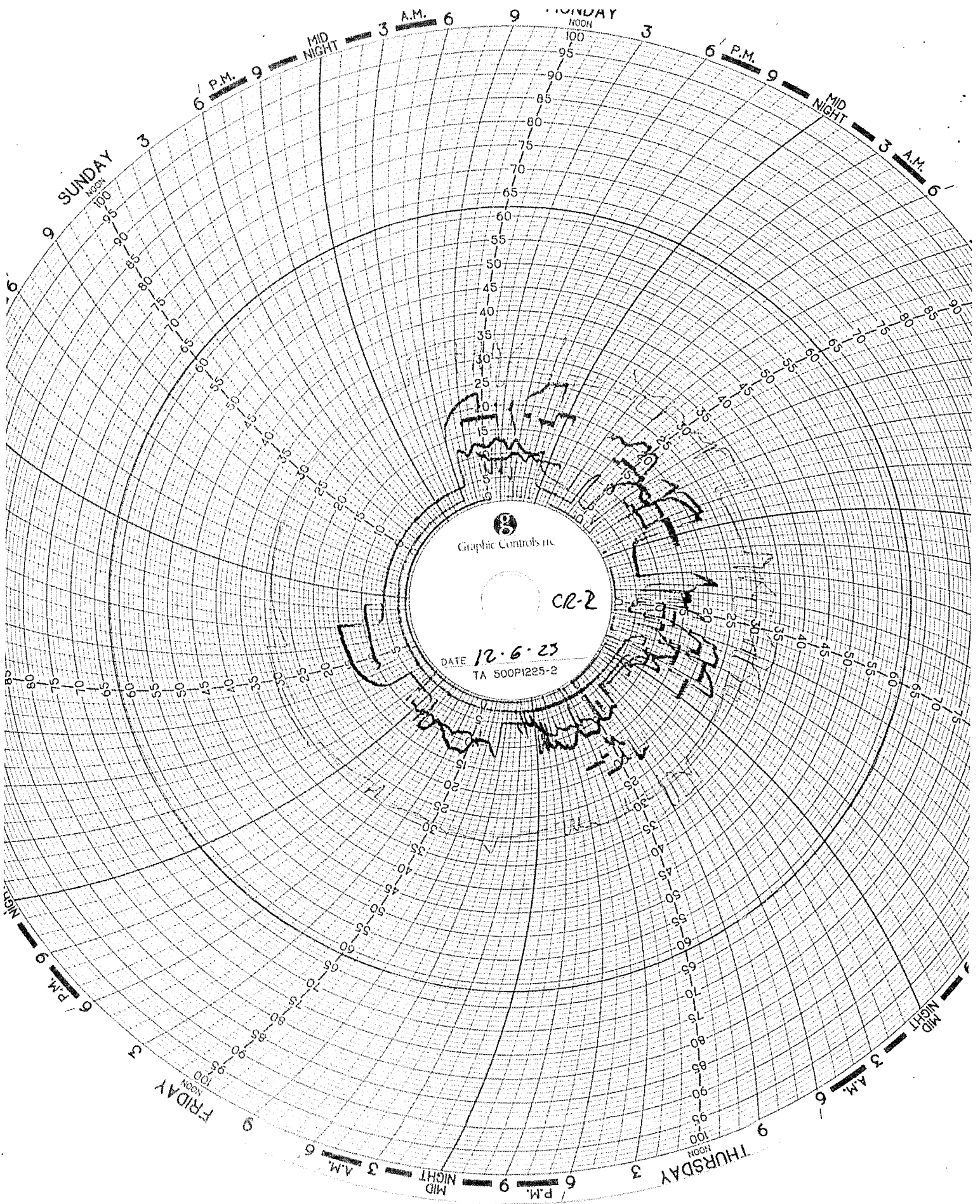
**Red Pen** — Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

channel *tm*

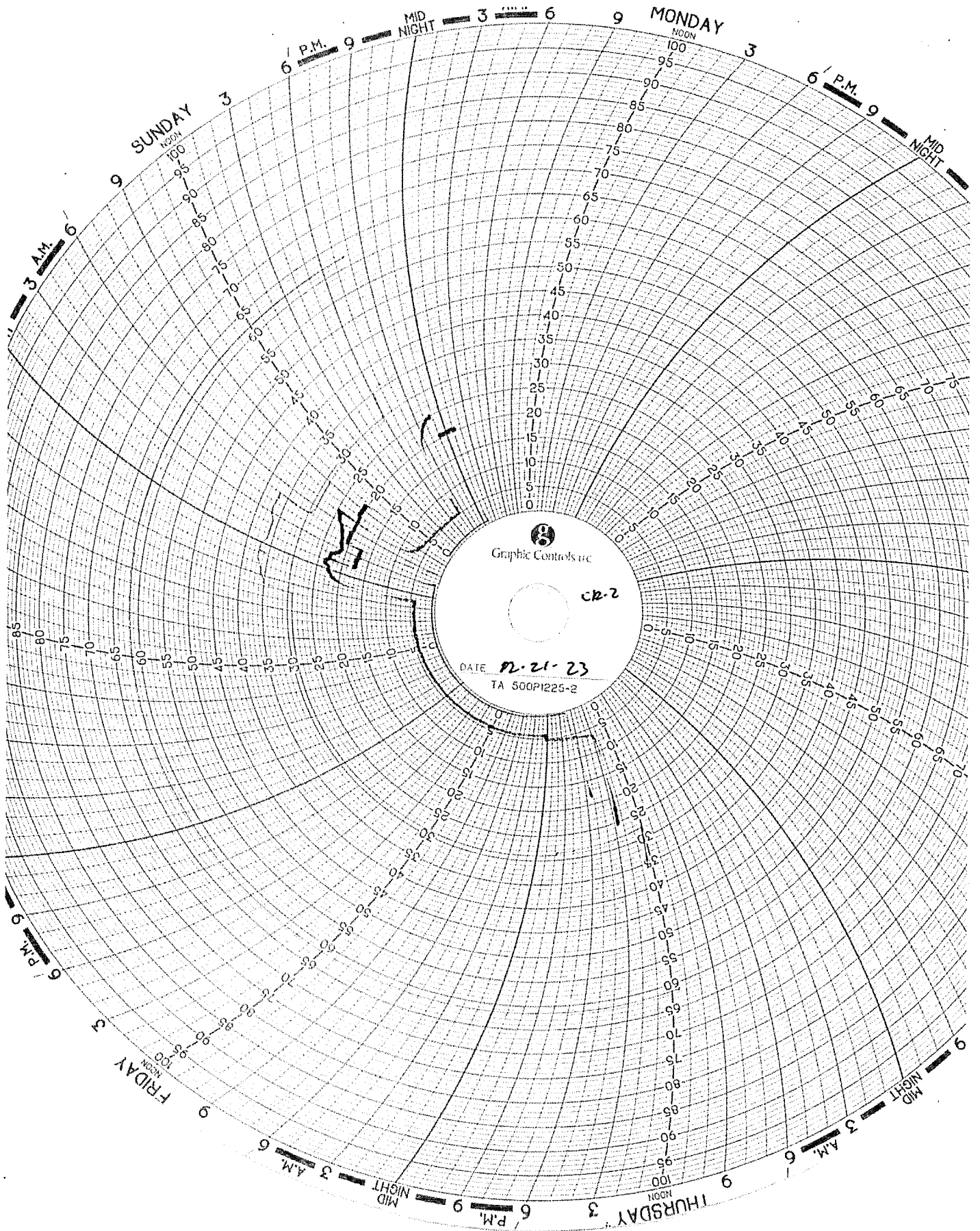
**Black Pen** — Temperature (chart value x 0)



Graphic Controls inc.

CR-2

DATE 12-6-23  
TA 500PI225-2



Graphic Controls etc

CR-2

DATE 12-21-23  
TA 500P1225-2

SUNDAY  
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NOON  
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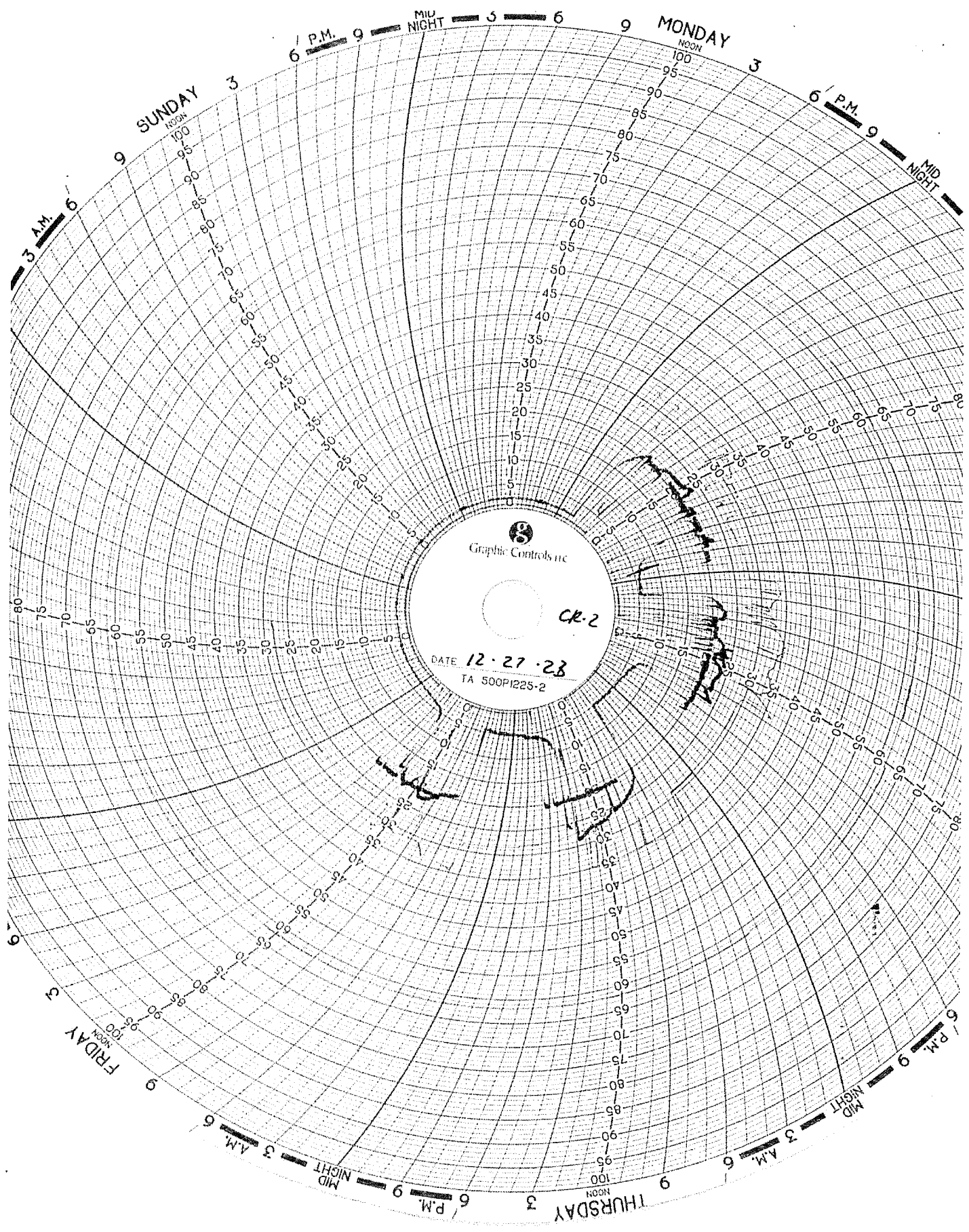
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Graphic Controls inc

CR-2

DATE 12-27-23  
TA 500PI225-2

SUNDAY  
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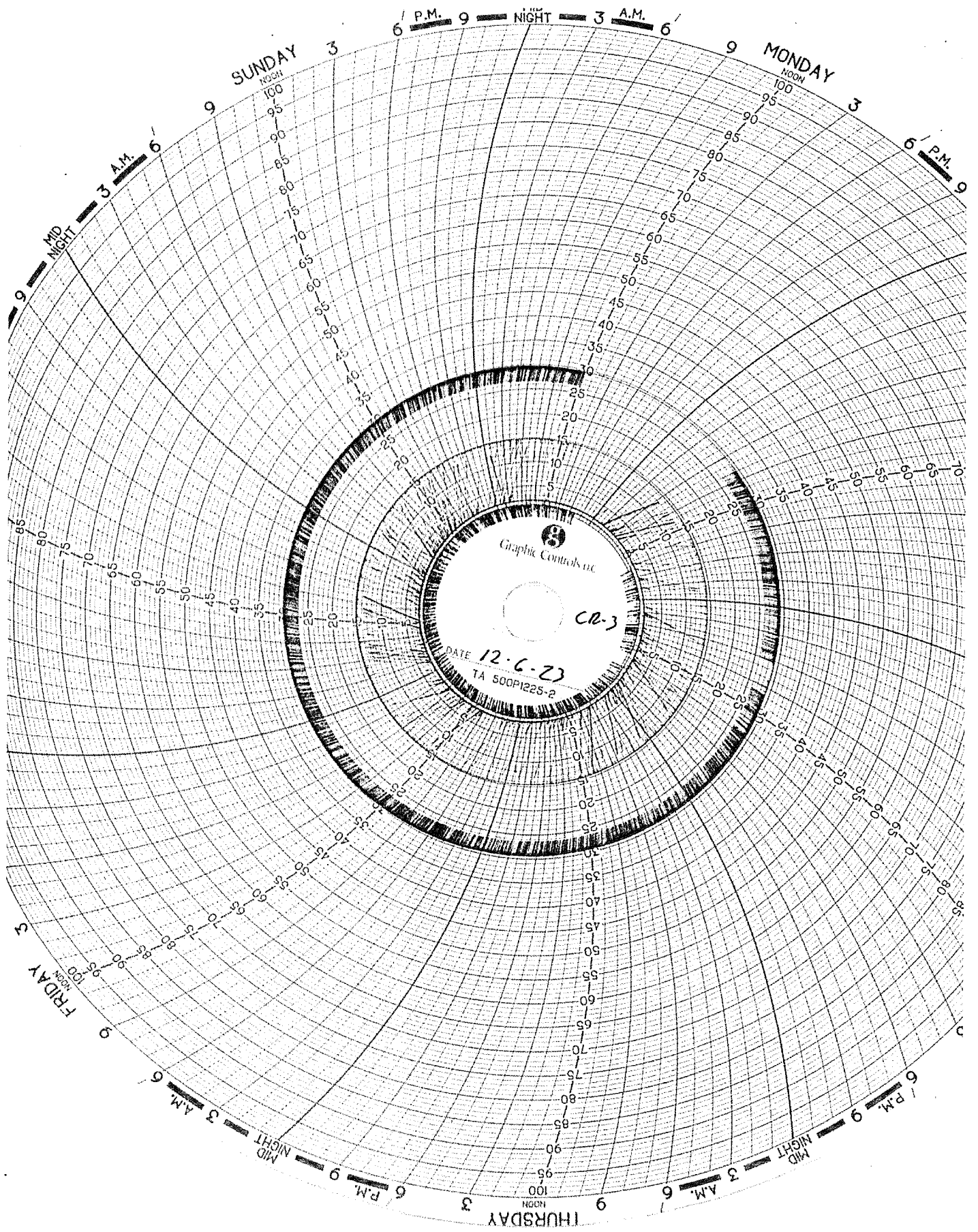
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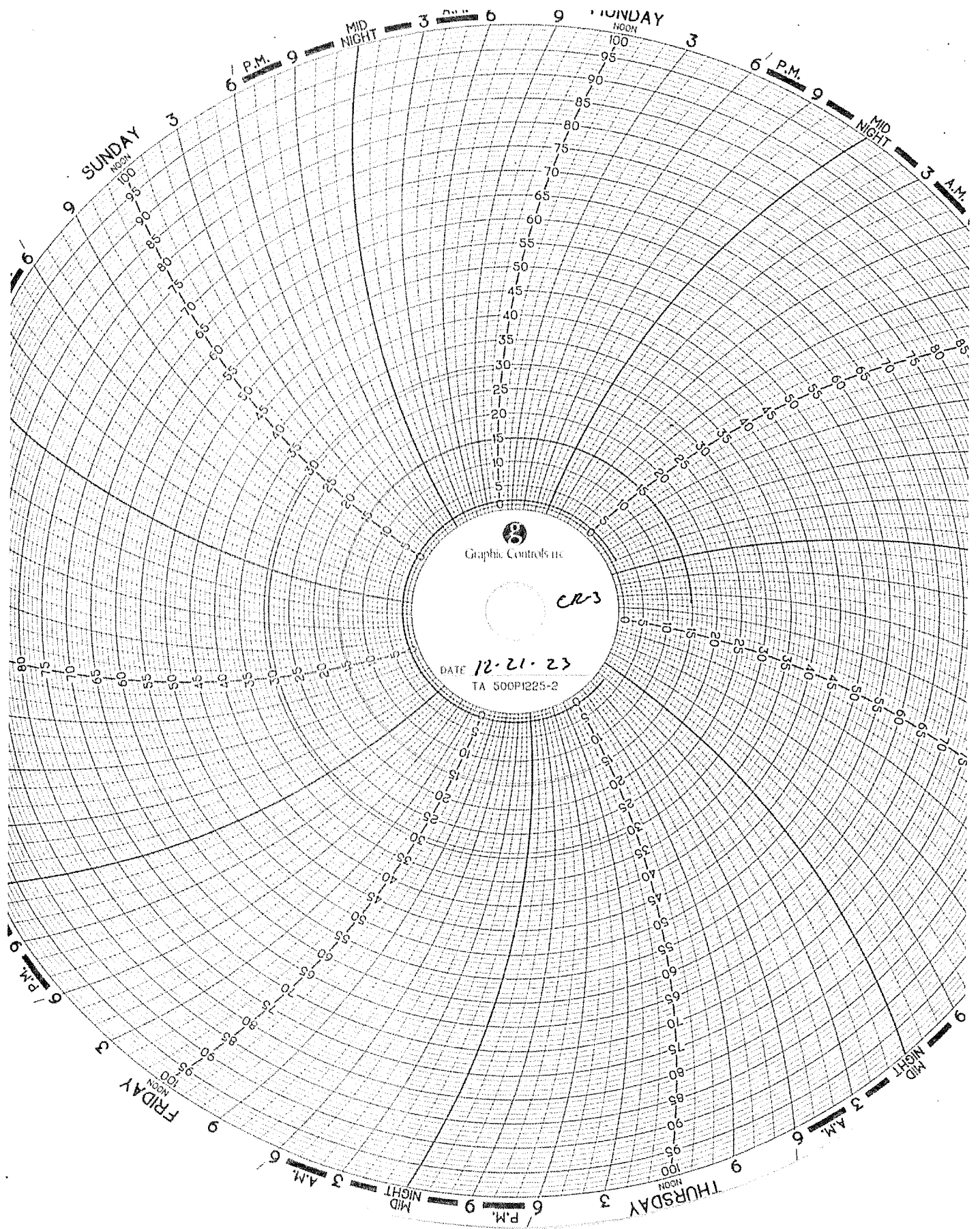
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MID NIGHT



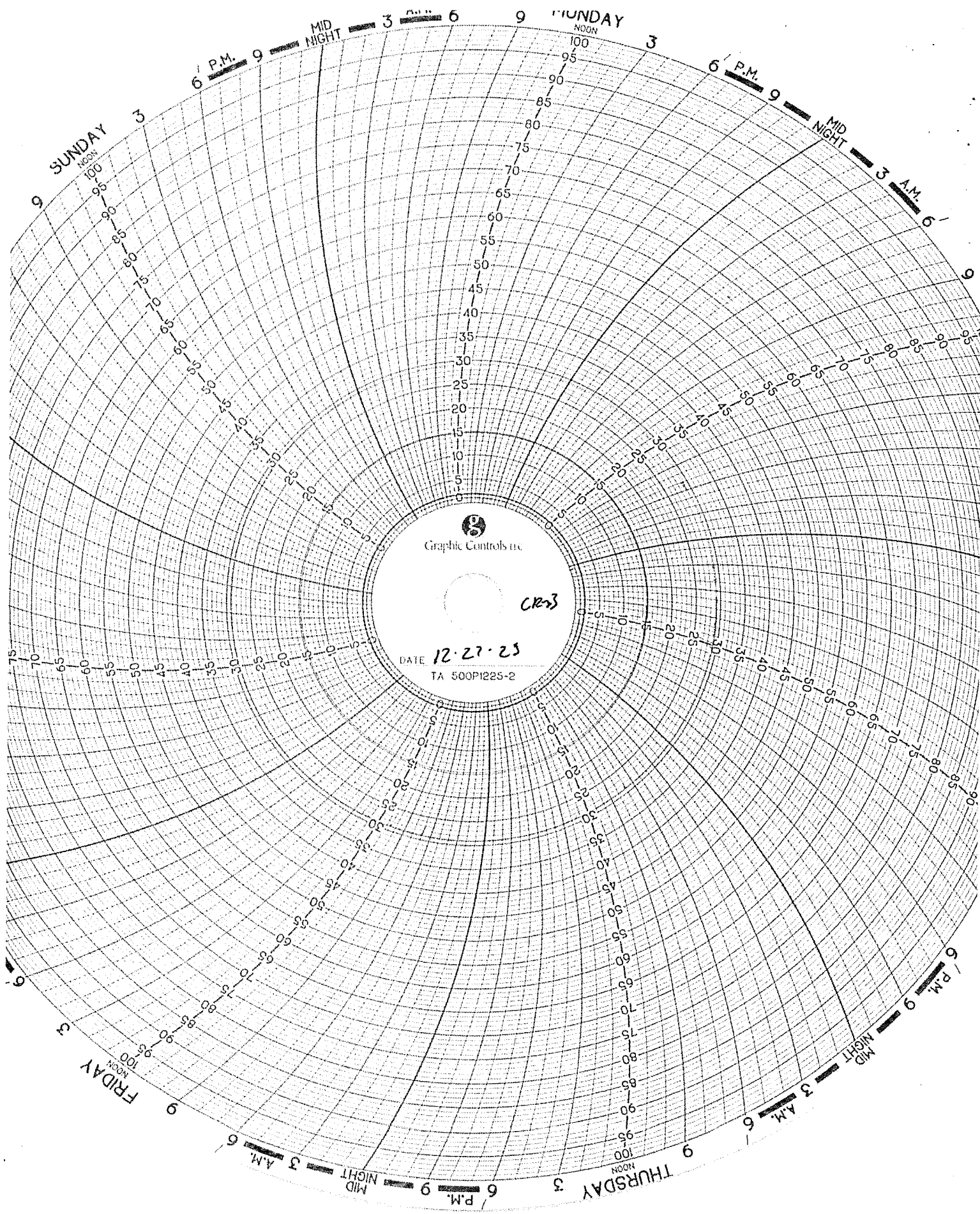




Graphic Controls Inc.

CR3

DATE 12-21-23  
TA 500PI225-2



Graphic Controls Inc.

CR-3

DATE 12-27-23  
TA 500P1225-2

## **CORROSION MONITORING**

**CORROSION MONITORING PLAN  
COUPON SUMMARY**

<b>Date</b>	<b>Hastelloy (C267)</b>	<b>Stainless Steel (316L)</b>	<b>Fiberglass (Fiberglass)</b>	<b>Comments</b>
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	New hastelloy coupon
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	
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	New stainless steel coupon
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	
2/16/2016	13.332 g	8.799 g	6.757 g	
3/31/2016	13.339 g	9.286 g	7.005 g	
4/22/2016	13.333 g	8.590 g	6.744 g	
5/31/2015	13.334 g	6.084 g	6.784 g	
6/30/2016	13.328 g	10.942 g	6.793 g	
8/3/2016	13.326 g	10.529 g	6.743 g	New Fiberglass coupon
8/29/2016	13.325 g	10.020 g	6.723 g	
10/27/2016	13.325 g	8.765 g	6.708 g	
11/29/2016	13.327 g	8.571 g	6.740 g	
12/12/2016	13.323 g	8.223 g	6.717 g	
1/3/2017	13.325 g	8.059 g	6.712 g	
2/28/2017	13.324 g	7.634 g	6.727 g	
3/24/2017	13.325 g	7.370 g	6.732 g	
4/28/2017	13.325 g	6.736 g	6.736 g	
5/11/2017	13.323 g	7.352 g	6.689 g	
6/12/2017	13.323 g	7.357 g	6.689 g	
7/5/2017	13.323 g	7.355 g	6.689 g	New stainless steel coupon
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	
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	

**CORROSION MONITORING PLAN  
COUPON SUMMARY**

<b>Date</b>	<b>Hastelloy (C267)</b>	<b>Stainless Steel (316L)</b>	<b>Fiberglass (Fiberglass)</b>	<b>Comments</b>
5/17/2018	13.325 g	10.858 g	18.037 g	
6/20/2018	13.325 g	10.855 g	18.029 g	
7/12/2018	13.326 g	10.852 g	18.032 g	
8/21/2018	13.326 g	10.854 g	18.031 g	
9/14/2018	13.326 g	10.852 g	18.036 g	
10/10/2018	13.326 g	10.851 g	18.031 g	
11/20/2018	13.326 g	10.853 g	18.032 g	
12/11/2018	13.326 g	10.852 g	18.033 g	
1/14/2019	13.326 g	10.852 g	18.033 g	
2/20/2019	13.326 g	10.850 g	18.033 g	
3/15/2019	13.326 g	10.850 g	18.033 g	
4/10/2019	13.326 g	10.848 g	18.031 g	
5/17/2019	13.326 g	10.849 g	18.036 g	
6/5/2019	13.326 g	10.848 g	18.031 g	
7/8/2019	13.326 g	10.845 g	18.032 g	
8/12/2019	13.326 g	10.845 g	18.032 g	
9/8/2019	13.326 g	10.842 g	18.029 g	
10/17/2019	13.326 g	10.842 g	18.030 g	
11/20/2019	13.326 g	10.842 g	18.030 g	
12/11/2019	13.326 g	10.842 g	18.030 g	
1/16/2020	13.326 g	10.840 g	18.033 g	
2/6/2020	13.326 g	10.836 g	18.034 g	
3/3/2020	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	

Well 1 workover new well

**CORROSION MONITORING PLAN  
COUPON SUMMARY**

<b>Date</b>	<b>Hastelloy (C267)</b>	<b>Stainless Steel (316L)</b>	<b>Fiberglass (Fiberglass)</b>	<b>Comments</b>
9/9/2022	13.276	9.171	15.757	
10/19/2022	13.274	9.157	15.623	
11/18/2022	13.274	9.145	15.801	
12/19/2022	13.278	9.132	15.588	
1/18/2023	13.276	9.131	15.761	
2/15/2023	13.274	9.130	15.728	
3/17/2023	13.280	9.138	15.779	
4/25/2023	13.275	9.130	15.726	
5/23/2023	13.276	9.131	15.700	
6/19/2023	13.275	9.088	15.647	
7/20/2023	13.275	9.009	15.607	
8/18/2023	13.274	8.999	15.495	
9/25/2023	13.273	8.983	15.480	
10/12/2023	13.275	8.984	15.425	
11/15/2023	13.271	8.981	15.349	
12/11/2023	13.274	8.984	15.331	

# CORROSION MONITORING COUPONS VISUAL DESCRIPTION

**December 2023**

## **Fiberglass Coupon**

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

## **Hastelloy Coupon**

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

## **Stainless Steel Coupon**

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

There is a slight effect to this coupon.



**Fiberglass**

**Weight: 15.349**

**Date: 12/11/2023**



**316L / C1563**

**Weight: 8.984**

**Date: 12/11/2023**



**C276 / 5**

**Weight: 13.274**

**Date: 12/11/2023**



# 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

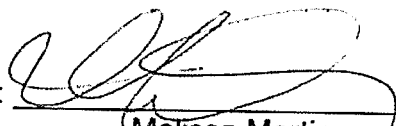
PN 125322  
PO 00154

## PLASTICS TESTING DEPARTMENT

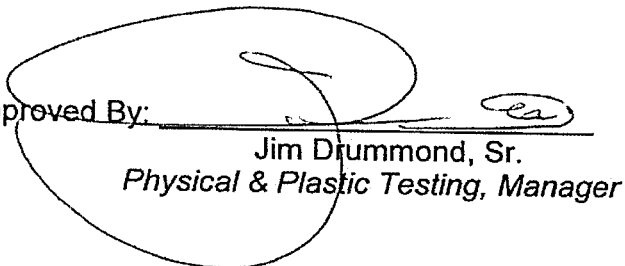
Prepared For:

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



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

**ISO 9001:2008**  
Registered

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www.ardl.com | 2887 Gilchrist Rd. | Akron, Ohio 44305 | answers@ardl.com | Toll Free (800) 830-ARDL  
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.

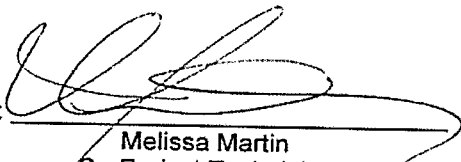
**BARCOL HARDNESS ASTM D 2583-13a**  
Instant Reading

**Results**

Barcol Hardness, Instant

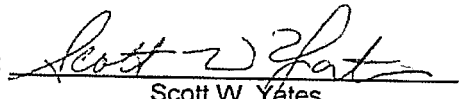
96

Prepared By:

  
Melissa Martin  
Sr. Project Technician

tc

Approved By:

  
Scott W. Yates  
Plastics Testing Assistant Manager

December 12, 2016


**TEST REPORT**

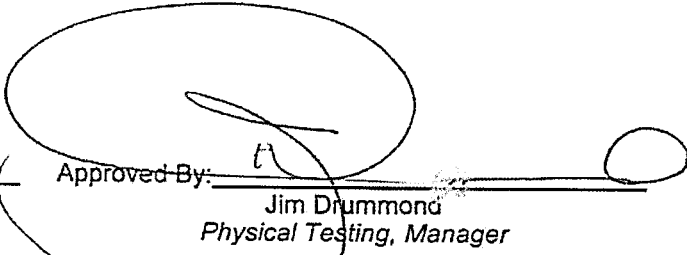
**PN 132662**  
PO

**PLASTICS TESTING DEPARTMENT**

Prepared For:

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

Prepared By:  Melissa Martin  
Senior Project Technician

Approved By:  Jim Drummond  
Physical Testing, Manager

Rev 041916



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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.

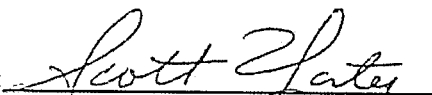
**BARCOL HARDNESS ASTM D 2583-13a**  
Instant Reading

**RESULTS**

Barcol Hardness, Instant                      96

Prepared By:   
Melissa Martin  
Senior Project Technician

wk

Approved By:   
Scott Yates  
Plastics Testing, Assistant Manager

*\*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.\**



AKRON RUBBER DEVELOPMENT LABORATORY, INC.

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:   
Melissa Martin  
Sr Project Technician

Approved By:   
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

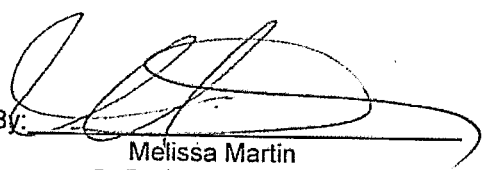
**SUBJECT:** Barcol Hardness on one material.

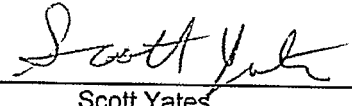
**RECEIVED:** One small section identified as; Fiberglass Coupon.

**BARCOL HARDNESS ASTM D 2583-13a**  
Instant Reading

Results

Barcol Hardness, Instant 96

Prepared By:   
Melissa Martin  
Sr Project Technician

Approved By:   
Scott Yates  
Plastics Testing, Assistant Manager

sc

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

# GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

## WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

## DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

## WORK PERFORMED:

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

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

## RESULTS:

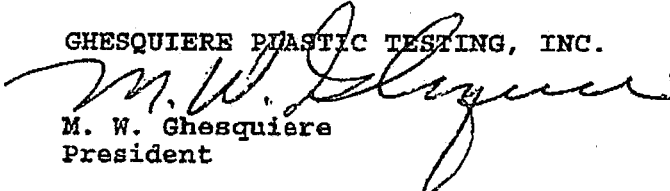
The following determination was made based upon the above test:

### BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	90

Specimen is being returned with this report for further evaluation.

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

# 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:

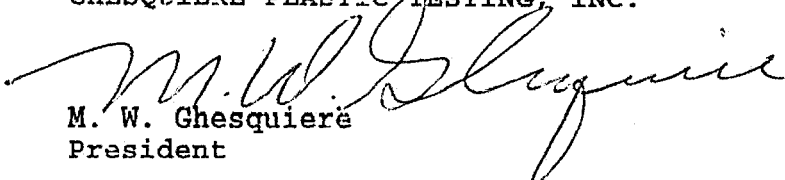
The following determination was made based upon the above test:

### 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



Testing. Development. Problem Solving.

October 2, 2014

**• TEST REPORT •**

**PN 118325**

*PO Attn: John Frost*

**PLASTICS TESTING DEPARTMENT**

Prepared For:

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

Prepared By:

*Melissa Martin*  
Sf. Project Technician

Approved By:

*Jim Drummond*  
Physical & Plastics Testing, Manager



\*Certificate Numbers 255.01 & 255.02

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

**ISO 9001:2008**  
Registered

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[www.ardl.com](http://www.ardl.com)

2887 Gilchrist Rd. | Akron, Ohio 44305 | [answers@ardl.com](mailto:answers@ardl.com)  
Toll Free (800) 830-ARDL | Worldwide (330) 794-6600 | Fax (330) 794-6610

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

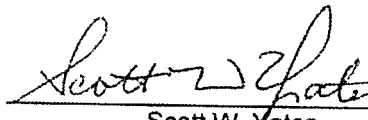
Prepared By:



Melisse Martin  
Sr. Project Technician

st

Approved By:



Scott W. Yates  
Plastics Testing Assistant Manager

www.ardl.com

2887 Gilchrist Rd. | Akron, Ohio 44305 | answers@ardl.com  
Toll Free (800) 830-ARDL | Worldwide (330) 794-6600 | Fax (330) 794-6610

### 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  
(print or type name)

Date: 01/12/2021

**BARCOL HARDNESS REPORT**

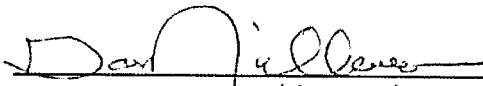
**Customer:** Republic Industrial and Energy Solutions, LLC

**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  
(print or type name)

**Date:** 10/11/2021

**BARCOL HARDNESS REPORT**

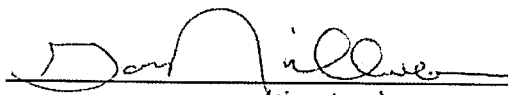
Customer: Republic Industrial and Energy Solutions

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**

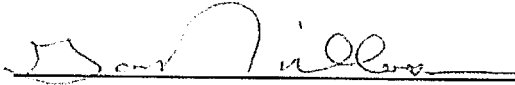
**Customer:** Republic Services

**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                      **Date:** 11/28/2023  
(print or type name)



## MAINTENANCE

UIC Monthly Maintenance Log

12/7/2023	Well 1&2	Repaired weld on piping from Injection Pump 1
12/19/2023	Well 1	Repaired Annulus pipe on well 1

## **INJECTION FINGERPRINTS**

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 01 / 23
Receiving ID#	12012301
Manifest #	Line
Land Ban Cert Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	6:36
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.)	7.23
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.0
Conductivity	454
% Solids	1.86
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 01 / 23
Receiving ID#	12012307
Manifest #	Line
Land Ban Cert Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	5:30
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.)	7.80
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.6
Conductivity	473
% Solids	1.37
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 01 / 23
Receiving ID#	1701-303
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	10:47
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.)	0.80
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.00
Specific Gravity	
Physical Description	Yes No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.1
Conductivity	> 9000
% Solids	
Turbidity	Yes No
Color	
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 1 / 23
Receiving ID#	1720-2304
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:30
Time out	
Received by	
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	740
pH (S.U.)	1.04
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.00
Specific Gravity	1.100
Physical Description	Yes No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.3
Conductivity	200.3
% Solids	5.0%
Turbidity	Yes No
Color	TRU
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 1 / 23
Receiving ID#	12.012305
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	1545
Time in	
Time out	
Received by	MW
Sampled by	Dutton M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	7.50
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	1.02
Physical Description	Clear
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.3
Conductivity	47.8
% Solids	1.52
Turbidity	Yes No
Color	Dark
TSS (%)	<0.35
Radiation Screen (as needed)	None
Lab Signature/Initials	Dutton

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 1 / 23
Receiving ID#	12.012306
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:30 25
Time out	
Received by	MW
Sampled by	Dutton M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	7.72
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Clear
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.9
Conductivity	45.6
% Solids	1.57
Turbidity	Yes No
Color	Dark
TSS (%)	<0.35
Radiation Screen (as needed)	None
Lab Signature/Initials	Dutton

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 1 / 23
Receiving ID#	12-1-2307
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	2:31
Time out	1:44
Received by	Uon
Sampled by	Uon

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	6.2.2
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	1.02
Physical Description	Light
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.6
Conductivity	5.1
% Solids	1.25
Turbidity	Yes No
Color	10
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Uon

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 1 / 23
Receiving ID#	12-1-2307
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:44
Time out	
Received by	JSD
Sampled by	A. V. ...

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	6.2.2
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)	67.6
Conductivity	7.1
% Solids	5.23
Turbidity	Yes No
Color	
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JSD

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/04/23
Receiving ID#	Z11042302
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:44
Time out	
Received by	J.A.S.
Sampled by	J.A.S.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>120
pH (S.U.)	0.87
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.1
Conductivity	>1000.5
% Solids	5.36
Turbidity	Yes No
Color	
TSS (%)	2.0
Radiation Screen (as needed)	
Lab Signature/Initials	J.A.S.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/14/23
Receiving ID#	Z11042303
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:10
Time out	
Received by	J.A.S.
Sampled by	J.A.S.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>120
pH (S.U.)	1.06
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.8
Conductivity	91.1
% Solids	5.94
Turbidity	Yes No
Color	
TSS (%)	2.0
Radiation Screen (as needed)	
Lab Signature/Initials	J.A.S.



RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 14 / 23
Receiving ID#	172042304
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	14:30
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.)	4.49
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.0
Conductivity	52.9
% Solids	15.2%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 04 / 23
Receiving ID#	172042305
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:15
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.)	5.20
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.4
Conductivity	56.1
% Solids	25.0%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 04 / 23
Receiving ID#	112041306
Manifest #	Line
Land Ban Cert. included	Yes No
EST Approval #	
Generator	
Client	
Transporter	
Time in	7:50
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.)	6.66
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	519
% Solids	1.27%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 5 / 23
Receiving ID#	112052301
Manifest #	Line
Land Ban Cert. included	Yes No
EST Approval #	
Generator	
Client	
Transporter	
Time in	7:12
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.)	1.80
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.7
Conductivity	12.24
% Solids	0.41
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 5 / 23
Receiving ID#	11052302
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	15:16
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)	210
pH (S.U.)	7.27
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.9
Conductivity	50.1
% Solids	2.09
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 05 / 23
Receiving ID#	11052303
Manifest #	Line
Land Ban Cert. Included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	17:20
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)	210
pH (S.U.)	6.78
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.7
Conductivity	51.505
% Solids	1.90
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 05 / 23
Receiving ID#	12-05-2304
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	14:50
Time out	
Received by	<i>Jim For</i>
Sampled by	<i>Patricia M.</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.62
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.5
Conductivity	515
% Solids	2.7570
Turbidity	Yes No
Color	
TSS (%)	40.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>Jim For</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 05 / 23
Receiving ID#	12-05-2305
Manifest #	Line
Land Ban Cert. included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	17:35
Time out	
Received by	<i>Jim For</i>
Sampled by	<i>Patricia M.</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.95
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	57.6
Conductivity	49.6
% Solids	1.69%
Turbidity	Yes No
Color	
TSS (%)	40.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>Jim For</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 08 / 23
Receiving ID#	212002906
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	2010
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)?	2140
Flash Point (F)	664
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)	59.0
Conductivity	51.1
% Solids	1.80%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 06 / 23
Receiving ID#	212002901
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:36
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.)	1.01
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.5
Conductivity	266.4
% Solids	2.97
Turbidity	Yes No
Color	
TSS (%)	20.2
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 06 / 23
Receiving ID#	I 17062302
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:40 AM
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	1.03
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.9
Conductivity	211.1 uS
% Solids	2.7
Turbidity	Yes No
Color	
TSS (%)	2.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 6 / 23
Receiving ID#	I 17062303
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:57
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.)	1.43
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.9
Conductivity	106.7
% Solids	5.06%
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	12 / 06 / 23
Receiving ID#	12062304
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	1820
Time in	
Time out	
Received by	JGM
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	< 140
Flash Point (F)	1.61
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)	60.2
Conductivity	45.2
% Solids	1.04
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	12 / 06 / 23
Receiving ID#	12062305
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1921
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.)	5.27
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.4
Conductivity	25.9
% Solids	1.137%
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 17 / 23
Receiving ID#	1207230
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	7:10
Time in	
Time out	
Received by	JAW
Sampled by	JAW

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	0.95
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.2
Conductivity	>1000.55
% Solids	7.32
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JAW

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 07 / 23
Receiving ID#	1207230
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:30
Time out	
Received by	JAW
Sampled by	JAW

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	210
pH (S.U.)	0.97
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.1
Conductivity	118.5
% Solids	2.11
Turbidity	Yes No
Color	
TSS (%)	0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JAW



FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/07/23
Receiving ID#	12072303
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1353
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.)	1.60
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.00
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.0
Conductivity	10.4
% Solids	1.02%
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	12/07/23
Receiving ID#	12072304
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1721
Time out	
Received by	
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.)	6.88
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.0
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.6
Conductivity	46.4 μs
% Solids	2.7%
Turbidity	Yes No
Color	14/11
TSS (%)	1%
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 8 / 23
Receiving ID#	112082301
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:27
Time out	
Received by	J. Ash
Sampled by	A. Williams

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	214
pH (S.U.)	1.170
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.186
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.0
Conductivity	21200.5
% Solids	5.84
Turbidity	Yes No
Color	
TSS (%)	3.0
Radiation Screen (as needed)	
Lab Signature/Initials	J. Ash

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 8 / 23
Receiving ID#	112082302
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:30
Time out	
Received by	J. Ash
Sampled by	A. Williams

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	214
pH (S.U.)	0.93
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.186
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.3
Conductivity	21200.5
% Solids	8.24
Turbidity	Yes No
Color	
TSS (%)	3.0
Radiation Screen (as needed)	
Lab Signature/Initials	J. Ash

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 08 / 23
Receiving ID#	12-08-2307
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:15
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.)	8.1
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.060
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.8
Conductivity	<1000
% Solids	1.897 5.76
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 08 / 23
Receiving ID#	12-08-2304
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:25
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.)	10.3
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.1
Conductivity	145.8
% Solids	2.41%
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	12 / 08 / 23
Receiving ID#	IL12092301
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1910
Time out	
Received by	DM
Sampled by	UNW

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.15
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.1
Conductivity	145.8
% Solids	1.5%
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	UNW

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 09 / 23
Receiving ID#	IL12092301
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:15
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.)	7.18
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.00
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.1
Conductivity	41.9
% Solids	1.54
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[Signature]

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 09 / 23
Receiving ID#	112092303
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:30
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.)	7.9
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.00
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.1
Conductivity	41.0
% Solids	1.51%
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	12 / 09 / 23
Receiving ID#	112092303
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:45 PM
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.)	6.62
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.00
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68.7
Conductivity	42.8
% Solids	1.46%
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

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 9 / 23
Receiving ID#	212092304
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	1658
Time in	
Time out	
Received by	D. W. M.
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.65
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.00
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	47.8
Conductivity	495
% Solids	1.4%
Turbidity	Yes No
Color	
TSS (%)	<0.1%
Radiation Screen (as needed)	
Lab Signature/Initials	D. W. M.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 11 / 23
Receiving ID#	112112302
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	826
Time in	
Time out	
Received by	J. A. M.
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.87
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.04
Specific Gravity	
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	68
Conductivity	133.005
% Solids	3.8
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. A. M.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 11 / 23
Receiving ID#	Z 12112302
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:53
Time out	
Received by	JAD
Sampled by	J.A. Wally

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	210
pH (S.U.)	1.25
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.1
Conductivity	144.205
% Solids	4.412
Turbidity	Yes No
Color	
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	JAD

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 11 / 23
Receiving ID#	Z 12112303
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:13
Time out	
Received by	JAD
Sampled by	J.A. Wally

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	240
pH (S.U.)	1.46
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.4
Conductivity	110.4
% Solids	3.0676
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JAD

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 11 / 23
Receiving ID#	1112304
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)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	6.11
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	44.5
% Solids	1.39%
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	12 / 11 / 23
Receiving ID#	1112305
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	3:08
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.)	1.36
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.2
Conductivity	123.2
% Solids	2.25%
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	12 / 18 / 23
Receiving ID#	E1112-2301
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:	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.46
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.7
Conductivity	149.303
% Solids	2.92
Turbidity	Yes No
Color	
TSS (%)	0.5
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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Receiving & Departure Approval Form

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 12 / 23
Receiving ID#	1112-2302
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:40
Time out	
Received by:	<i>[Signature]</i>
Sampled by:	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.49
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.5
Conductivity	26.4
% Solids	1.29%
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 12 / 23
Receiving ID#	12122303
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:20
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.)	5.43
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.7
Conductivity	884
% Solids	0.60
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 11 / 23
Receiving ID#	12122304
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:58
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.)	6.55
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.3
Conductivity	44.7
% Solids	1.18%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 12 / 23
Receiving ID#	112122305
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	22:10
Time out	
Received by	Dadlen M
Sampled by	

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	6.6
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.08
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.0
Conductivity	453
% Solids	2.38
Turbidity	Yes No
Color	Dark Brown
TSS (%)	0.1
Radiation Screen (as needed)	0.26
Lab Signature/Initials	DM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 12 / 23
Receiving ID#	112122305
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	22:10
Time out	
Received by	Dadlen M
Sampled by	

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	6.6
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.08
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.0
Conductivity	453
% Solids	2.38
Turbidity	Yes No
Color	Dark Brown
TSS (%)	0.1
Radiation Screen (as needed)	0.26
Lab Signature/Initials	DM

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 13 / 23
Receiving ID#	12132304
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:30
Time out	
Received by	J. Smith
Sampled by	J. Smith

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.69
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.014
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.4
Conductivity	82.4 us
% Solids	3.72
Turbidity	Yes No
Color	
TSS (%)	LOD
Radiation Screen (as needed)	
Lab Signature/Initials	J. Smith

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FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 13 / 23
Receiving ID#	12132302
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0:43
Time out	
Received by	J. Smith
Sampled by	J. Smith

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	1.07
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.4
Conductivity	71.5
% Solids	3.32%
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	J. Smith

Receiving & Departure Approval Form  
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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 13 / 23
Receiving ID#	IR-122303
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	1606
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.)	1.21
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.2
Conductivity	735.2
% Solids	3.58%
Turbidity	Yes No
Color	
TSS (%)	4.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 13 / 23
Receiving ID#	IR-12132364
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	17:50
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.)	1.17
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.7
Conductivity	56.5
% Solids	4.43%
Turbidity	Yes No
Color	
TSS (%)	4.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 18 / 23
Receiving ID#	112182302
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)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.89
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.6
Conductivity	45.5
% Solids	1.66%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 18 / 23
Receiving ID#	112182303
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:15
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)	2140
pH (S.U.)	6.54
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	58.9
Conductivity	48.2
% Solids	1.76%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 19 / 23
Receiving ID#	I 12182304
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:15
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.)	7.78
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.3
Conductivity	44.2
% Solids	1.3626
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 18 / 23
Receiving ID#	I 12182501
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)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.70
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60.1
Conductivity	44.9
% Solids	1.4976
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	12 / 18 / 23
Receiving ID#	112192305
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>Chen</i>
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	7146
Flash Point (F)	6.5
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	1.02
Physical Description	1.02
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	60
Conductivity	501
% Solids	2.74
Turbidity	Yes No
Color	Black
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>Chen</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 14 / 23
Receiving ID#	112191301
Manifest #	Line
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>W. Wang</i>
Sampled by	<i>W. Wang</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	7146
pH (S.U.)	1.25
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.0
Conductivity	702.1
% Solids	2.61%
Turbidity	Yes No
Color	
TSS (%)	2.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>W. Wang</i>



FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 19 / 23
Receiving ID#	12142302
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:40
Time out	
Received by	JMH
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140°
pH (S.U.)	4.50
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	59.6
Conductivity	11.92
% Solids	1.725
Turbidity	Yes No
Color	
TSS (%)	4.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>JMH</i>

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 19 / 23
Receiving ID#	12142303
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>JMH</i>
Sampled by	<i>J.A. Warlick</i>

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	8.1
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.10
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	56.8
Conductivity	>1000
% Solids	8.03%
Turbidity	Yes No
Color	
TSS (%)	4.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>JMH</i>

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 19 / 23
Receiving ID#	1219205
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1651
Time out	1800
Received by	1800
Sampled by	1800

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	6.66
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.01
Specific Gravity	1.00-1.01
Physical Description	Yes No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	88.2
Conductivity	49.8
% Solids	1.04%
Turbidity	Yes No
Color	Black
TSS (%)	< 0.1
Radiation Screen (as needed)	None
Lab Signature/Initials	12/19/23

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 19 / 23
Receiving ID#	1219205
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:30
Time out	
Received by	
Sampled by	Deaton

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	140
Flash Point (F)	5.47
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.85
Specific Gravity	1.00
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	67.0
Conductivity	5.14
% Solids	2.28
Turbidity	Yes No
Color	Black
TSS (%)	0.1
Radiation Screen (as needed)	None
Lab Signature/Initials	12/19

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 17 / 23
Receiving ID#	11202300
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	22:00
Time out	
Received by	Chen
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	6-92
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)	61.7
Conductivity	48.6
% Solids	4.50
Turbidity	Yes No
Color	Dark Green
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 20 / 23
Receiving ID#	11202304
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:00
Time out	
Received by	JMK
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	> 140
Flash Point (F)	1.23
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)	65.2
Conductivity	194.4
% Solids	1.61%
Turbidity	Yes No
Color	< 0.1
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	

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RECEIVING INFORMATION	
Date	12 / 20 / 23
Receiving ID#	11202302
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:30
Time out	
Received by	JMD
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.14
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.7
Conductivity	<1000
% Solids	5.16%
Turbidity	Yes No
Color	
TSS (%)	4.01
Radiation Screen (as needed)	
Lab Signature/Initials	JMD

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 20 / 23
Receiving ID#	112202303
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:15
Time out	
Received by	JMD
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.33
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.06
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	63.0
Conductivity	31.4
% Solids	6.1
Turbidity	Yes No
Color	
TSS (%)	4.01
Radiation Screen (as needed)	
Lab Signature/Initials	JMD

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 26 / 23
Receiving ID#	11207304
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1730
Time out	
Received by	Dalton
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	140
pH (S.U.)	2.84
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70
Conductivity	344.2
% Solids	1.7
Turbidity	Yes No
Color	brown
TSS (%)	1
Radiation Screen (as needed)	None
Lab Signature/Initials	Dalton

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REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 20 / 23
Receiving ID#	11207305
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1940
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.)	6.9
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65
Conductivity	468.85
% Solids	1.676
Turbidity	Yes No
Color	Black
TSS (%)	1
Radiation Screen (as needed)	None
Lab Signature/Initials	Dalton

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/21/23
Receiving ID#	1111201
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:00
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.)	7.11
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	62.1
Conductivity	457
% Solids	2.30
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/21/23
Receiving ID#	11221202
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:45
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)	>148
pH (S.U.)	7.77
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	23.55
% Solids	2.53
Turbidity	Yes No
Color	3.42
TSS (%)	7.5
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	12 / 21 / 23
Receiving ID#	17212323
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	17:00
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)	210
pH (S.U.)	7.72
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.0
Conductivity	450
% Solids	1.34
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	12 / 26 / 23
Receiving ID#	172262301
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	7:15
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.)	1.6
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	65.5
Conductivity	250
% Solids	0.55
Turbidity	Yes No
Color	
TSS (%)	1.01
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 20 / 23
Receiving ID#	1A202302
Manifest #	Line
Land Ban Cert included	Yes
EGT Approval #	No
Generator	
Client	
Transporter	
Time in	11:37 AM
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)?	> 1.70
Flash Point (F)	1.29
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	66.1
Conductivity	181.6 uS
% Solids	4.30
Turbidity	Yes No
Color	
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	12 / 27 / 23
Receiving ID#	1A272301
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)?	> 1.40
Flash Point (F)	8.93
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)	63.5
Conductivity	22.5 uS
% Solids	0.15
Turbidity	Yes No
Color	
TSS (%)	LO
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>



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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/27/23
Receiving ID#	12272303
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:00
Time out	
Received by	JWC
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	1
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	169
pH (S.U.)	2.30
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	1.02
Physical Description	Clear, No
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	61.0
Conductivity	25.0 us
% Solids	0.35
Turbidity	Yes No
Color	Colorless
TSS (%)	2.0
Radiation Screen (as needed)	
Lab Signature/Initials	JWC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/27/23
Receiving ID#	12272303
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1:30
Time out	
Received by	JWC
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	141
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)	64.5
Conductivity	58.2
% Solids	1.47%
Turbidity	Yes No
Color	2.01
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	JWC

FINGERPRINT FORM

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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 3 / 23
Receiving ID#	IAA72304
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	1707
Time out	
Received by	<i>[Signature]</i>
Sampled by	USW

LAB INFORMATION	
Compatible? (RT# )	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	7140
Flash Point (F)	653
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	1.02
Specific Gravity	1.02
Physical Description	LF0440
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.6
Conductivity	50.6
% Solids	1.62%
Turbidity	Yes No
Color	DLA-4
TSS (%)	<0.1
Radiation Screen (as needed)	None
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 28 / 23
Receiving ID#	Z1282301
Manifest #	Line
Land Ban Cert. Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	7:10
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)	6.67
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)	64.8
Conductivity	50.6
% Solids	1.41
Turbidity	Yes No
Color	<6
TSS (%)	<6
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/28/23
Receiving ID#	12282302
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:40
Time out	
Received by	<i>[Signature]</i>
Sampled by	JMP

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	6.78
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)	65.8
Conductivity	22.9
% Solids	2.18%
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/28/23
Receiving ID#	12282301
Manifest #	Line
Land Ban Cert. included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:52
Time out	
Received by	<i>[Signature]</i>
Sampled by	A. Walsh

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Only Waste Only)?	
TOC ppm (CC Waste Only)?	>140
Flash Point (F)	6.66
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)	68.5
Conductivity	39.3
% Solids	2.5%
Turbidity	Yes No
Color	<0.1
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	12 / 29 / 23
Receiving ID#	112292302
Manifest #	Line
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:50
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)	1.10
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	124.0
Conductivity	> 1200.5
% Solids	4.13
Turbidity	Yes No
Color	
TSS (%)	< 0.4
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

FINGERPRINT FORM

REPUBLIC INDUSTRIAL AND ENERGY SOLUTIONS, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12 / 29 / 23
Receiving ID#	112292302
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)	1.09
pH (S.U.)	
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	LIQUID
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	55.4
Conductivity	23.7
% Solids	304
Turbidity	Yes No
Color	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature/Initials	<i>[Signature]</i>

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/29/23
Receiving ID#	IR 292303
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)	>140
pH (S.U.)	1.47
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Clear
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	64.5
Conductivity	77.4
% Solids	1.2%
Turbidity	Yes No
Color	TAJ
TSS (%)	0.1
Radiation Screen (as needed)	OK
Lab Signature/Initials	

## **WASTE PROFILES**

# Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #: 64402215323

Sales Rep #:

## I. Generator Information

Generator Name: Environmental Enterprises, Inc

Address: 4650 Spring Grove Ave

City: Cincinnati County: Hamilton State: OH Zip: 45232

State ID/Reg No: EPA ID #: OHD083377010 NAICS #:

Generator Mailing Address (if different)

City: State: 45232 Zip:

Generator Contact Name: Warren Taylor Email: wgtaylor@eeienv.com

Phone Number: (513) 541-1823 Ext: Fax Number:

## II. Billing Information

Bill To: Environmental Enterprises, Inc. Contact Name: Warren Taylor

Billing Address: 4650 Spring Grove Ave Email: wgtaylor@eeienv.com

City: Cincinnati State: OH Zip: 45232 Phone: (513) 853-3592

## III. Waste Stream Information

Name of Waste: Scrubbling Bubbles Disinfectant cleaning liquid

Process Generating Waste: Bulking of liquids collected from crushing aerosol

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

Container Size / Unit of Measure: 5000 g Annual Volume: 20000 Volume Units: Gallons Frequency: Other

## 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 >=1% concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
alkyldimethylbenzylammonium chloride	0.001	0.10	%				ppm
decyldimethyloctylammonium chloride	0.001	0.1	%				ppm
dimethyldioctylammonium chloride	0.001	0.1	%				ppm
didecyldimethylammonium chloride	0.001	0.1	%				ppm
water	99	100	%				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  <1 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.*


**Warren Taylor**  
 Authorized Representative Name  
 (Printed)

**QA Director**  
 Title  
 (Printed)

**Environmental Enterprises, INC.**  
 Company Name

*Warren Taylor*  
 Representative Signature

**11/20/23**  
 Date

		RIES Deepwell - Romulus, MI Approvals decision letter	
Approval Type:	<input type="checkbox"/> Initial	<input checked="" type="checkbox"/> Recertification	<input type="checkbox"/> Change <input type="checkbox"/> Amendment
Waste Approval #: 64402215323		Expiration Date: 11/20/2024	
Disposal Facility: 6440 Detroit Industrial Well			
Generator Name: Environmental Enterprises, Inc		EPA ID: OHD083377010	
Generator Site Address: 4650 Spring Grove Ave			
City: Cincinnati	State: OH	Zip: 45232	
Waste common name: Scrubbing Bubbles Cleaning Liquid			
Estimated volume: 20,000 gallons per year			

Waste Approval Decision:  Approved  Rejected

High hazard waste stream?  Yes  No

Special notes and handling requirements:

Click or tap here to enter text.

**Precautions, Conditions, or Limitations on Approval**

The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste.

**Waste Approval Signatures**

Approvals Department Signature: Sabrina Zaleski Name Printed: Sabrina Zaleski  
 Date: 12/15/2023

Operations Manager Signature: John Frost Name Printed: John Frost  
 Date: 12/18/2023

# Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #: 789097

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:

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 profile

# Deep Well Profile



## V. Shipping / Packaging Information

DOT Hazardous Material / Waste?  Yes  No UN / NA# **3082** Packaging Group: III  Hazardous Class(es): **9**

DOT Proper Shipping Name: **UN3267 Waste Corrosive Liquid, Basic, Inorganic, N.O.S.**

NOS Hazardous Constituents: **Dicalcium Carbonate, Arsenic**

ERG#: **154** RQ:  Yes  No RQ Basis: **D002** RQ Value in lbs: \_\_\_\_\_

Marine Pollutant as defined by 49 CFR 171.8  Yes  No If Yes, describe: \_\_\_\_\_ 24 Hour Emergency Contact Number: **844 873-8723**

## VI. Physical Characteristics

Primary Color: **Green/Brown** % Suspended Solids: **0-1%** Layers: **Single Phase** Specific Gravity: **1.0 - 1.2** Or Actual \_\_\_\_\_

Odor: **Slight** Odor (describe): **Musty** pH: **5- >12.5** Dry Weight Ton Per Gallon: \_\_\_\_\_

Flash Point: **>200 F** Flash Point Test Method: **None** Total Alkalinity (mg/L): **N/A** VOC Concentration (ppm): **0** Ammonia / Ammonia Compounds  Yes  No

*SS 12/6/23*

## 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
Water	97	100	%				ppm
Dicalcium Silicate	0	3	%				ppm
Arsenic	1	15	ppm				ppm
Selenium	1	5	ppm				ppm
Sediment	0	0.5	%				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  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 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.*

Andrew M Johnston

Authorized Representative Name  
(Printed)

EHS Manager

Title  
(Printed)

Felman Productions LLC


Company Name

*Andrew M. Johnston*

Representative Signature

11/29/2023

Date

		RIES Deepwell - Romulus, MI Approvals decision letter		
Approval Type:	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Recertification	<input type="checkbox"/> Change	<input type="checkbox"/> Amendment
Waste Approval #: 64402371204		Expiration Date: 11/29/2024		
Disposal Facility: 6440 Detroit Industrial Well				
Generator Name: Felman Production		EPA ID: WVD045578176		
Generator Site Address: 4442 Graham Station Rd				
City: Letart	State: WV		Zip: 25253	
Waste common name: Central leachate Pond Rainwater – D002				
Estimated volume: 250,000 gallons one time				

Waste Approval Decision:  Approved  Rejected

High hazard waste stream?  Yes  No

Special notes and handling requirements:

Click or tap here to enter text.

**Precautions, Conditions, or Limitations on Approval**

The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site’s permit requirements prior to acceptance and disposal of the profiled waste.

**Waste Approval Signatures**

Approvals Department Signature: Sabrina Zaleski Name Printed: Sabrina Zaleski  
 Date: 12/13/2023

Operations Manager Signature: John Frost Name Printed: John Frost  
 Date: 12/13/2023

# 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:  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#  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="95"/>	<input type="text" value="99"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
<input type="text" value="Laurylamidopropyl betaine"/>	<input type="text" value="1"/>	<input type="text" value="3"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
<input type="text" value="Caprylcaprilyl glucoside"/>	<input type="text" value="0"/>	<input type="text" value="1"/>	<input style="width: 20px;" type="text" value="%"/>	<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="%"/>	<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="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" 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:  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:	State Regulated:	Operational:
Arsenic <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	TPH (TX & CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Bromide <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
Barium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Antimony (TX & CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Calcium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
Cadmium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Beryllium (TX & CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Chloride <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
Chromium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Nickel (TX & CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Fluoride (CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
Lead <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Chromium VI (CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Iodine <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
Mercury <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Cobalt (CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Iron <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
Selenium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Copper (CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Magnesium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
Silver <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Molybdenum (CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Potassium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
	Thallium (CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Sodium <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
	Vanadium (CA) <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM	Sulfur <input checked="" type="checkbox"/> None <input type="checkbox"/> PPM
	Zinc (CA) <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.**


*Steve Mella*  
Authorized Representative Name  
(Printed)

*Deputy Fire Chief*  
Title  
(Printed)

*Wheeling Fire Department*  
Company Name

*[Signature]*  
Representative Signature

*11/22/23*  
Date

		<b>RIES Deepwell - Romulus, MI</b> <b>Approvals decision letter</b>		
Approval Type:	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Recertification	<input type="checkbox"/> Change	<input type="checkbox"/> Amendment
Waste Approval #: 64402371209		Expiration Date: 11/22/2024		
Disposal Facility: 6440 Detroit Industrial Well				
Generator Name: Wheeling Fire Department		EPA ID: ILVSQG		
Generator Site Address: 851 Krause Dr				
City: Buffalo Grove	State: IL		Zip: 60089	
Waste common name: AFFF and Water				
Estimated volume: 30,000 gallons one time				

Waste Approval Decision:  Approved  Rejected

High hazard waste stream?  Yes  No

Special notes and handling requirements:

Click or tap here to enter text.

**Precautions, Conditions, or Limitations on Approval**

The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste.

**Waste Approval Signatures**

Approvals Department Signature: Sabrina Zaleski Name Printed: Sabrina Zaleski  
 Date: 12/15/2023

Operations Manager Signature: John Frost Name Printed: John Frost  
 Date: 12/15/2023

# Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

## I. Generator Information

Generator Name: Microsheen Corporation

Address: 1100 E 222nd St

City: Euclid County: Cuyahoga State: OH Zip: 44117

State ID/Reg No: EPA ID #: OHR000222935 NAICS #: 332813

Generator Mailing Address  (if different) 1084 E 222nd St

City: Euclid County: Cuyahoga State: OH Zip: 44117

Generator Contact Name: Lisa Habe Email: lhabe@interlakestamping.com

Phone Number: 440-554-4432 Ext: Fax Number:

## II. Billing Information

Bill To: SET Environmental Contact Name: Heidi Feathers

Billing Address: 4010 Option Pass Email: MFWF-accounting@setenv.com

City: Fort Wayne State: OH Zip: 46818 Phone: 260-489-7062

## III. Waste Stream Information

Name of Waste: Plating Baths

Process Generating Waste: Pump out plating baths due to flooding in the facility.

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

Container Size / Unit of Measure: 5000 Annual Volume: 4000 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 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# UN3264 Packaging Group: II  Hazardous Class(es): 8

DOT Proper Shipping Name: Waste Corrosive Liquids, acidic, inorganic, nos

NOS Hazardous Constituents: (Sulfuric Acid, Chrome)

ERG#: 154 RQ:  Yes  No RQ Basis: Sulfuric

RQ Value in lbs: 1000

Marine Pollutant as defined by 49 CFR 171.8  Yes  No If Yes, describe:

24 Hour Emergency Contact Number: 877-437-7455

## VI. Physical Characteristics

Primary Color: varies % Suspended Solids: 0-1%  Layers: Single Phase  Specific Gravity: 1.1  Or Actual 1.1

Odor: Slight  Odor (describe): acidic pH: <2  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 >= 1% concentration must be listed.

Constituent (no trade names)	Min	Max	% or ppm	Constituent (no trade names)	Min	Max	% or ppm
chromium	889	PPM	% <input type="checkbox"/>	[REDACTED]			<input type="checkbox"/>
Acetic Acid	0	1	% <input type="checkbox"/>	Sodium hydroxide	10	20	% <input type="checkbox"/>
Ferric Ammonium Oxalate	5	10	% <input type="checkbox"/>	Sulfuric Acid	10	20	% <input type="checkbox"/>
Sodium Fluoride	0	1	% <input type="checkbox"/>	nitric acid	0	1	% <input type="checkbox"/>
Ferric sulfate	1	2	% <input type="checkbox"/>	hydrogen fluoride	3	5	% <input type="checkbox"/>

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 #: S51429.01 Sample Date (mm/dd/yy): 7/25/23

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

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

# Deep Well Profile



## VIII. Chemical Properties

RCRA Items:			State Regulated:			Operational:		
Arsenic	None	.22 PPM	TPH (TX & CA)	<input type="radio"/> None	PPM	Bromide	<input type="checkbox"/> None	PPM
Barium	<input type="checkbox"/> None	PPM	Antimony (TX & CA)	<input type="radio"/> None	PPM	Calcium	<input type="checkbox"/> None	PPM
Cadmium	None	0.2 PPM	Beryllium (TX & CA)	<input type="radio"/> None	PPM	Chloride	<input type="checkbox"/> None	PPM
Chromium	None	889 PPM	Nickel (TX & CA)	<input type="radio"/> None	4717 PPM	Fluoride (CA)	<input type="checkbox"/> None	PPM
Lead	<input type="checkbox"/> None	PPM	Chromium VI (CA)	<input type="radio"/> None	PPM	Iodine	<input type="checkbox"/> None	PPM
Mercury	None	0.005 PPM	Cobalt (CA)	<input type="radio"/> None	PPM	Iron	<input type="checkbox"/> None	PPM
Selenium	<input type="checkbox"/> None	PPM	Copper (CA)	<input type="radio"/> None	PPM	Magnesium	<input type="checkbox"/> None	PPM
Silver	None	0.2 PPM	Molybdenum (CA)	<input type="radio"/> None	PPM	Potassium	<input type="checkbox"/> None	PPM
			Thallium (CA)	<input type="radio"/> None	PPM	Sodium	<input type="checkbox"/> None	PPM
			Vanadium (CA)	<input type="radio"/> None	PPM	Sulfur	<input type="checkbox"/> None	PPM
			Zinc (CA)	<input type="radio"/> None	PPM			

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

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

Lisa Habe President  
Authorized Representative Name (Printed) Title (Printed)

Microsken Corp  
Company Name

*Lisa Habe*  
Representative Signature

12/26/23 LH  
~~11/7/23~~  
Date

		<b>RIES Deepwell - Romulus, MI</b> <b>Approvals decision letter</b>		
<b>Approval Type:</b>	<input checked="" type="checkbox"/> <b>Initial</b>	<input type="checkbox"/> <b>Recertification</b>	<input type="checkbox"/> <b>Change</b>	<input type="checkbox"/> <b>Amendment</b>
<b>Waste Approval #: 64402371203</b>		<b>Expiration Date: 12/06/2024</b>		
<b>Disposal Facility: 6440 Detroit Industrial Well</b>				
<b>Generator Name: Microsheen Corp</b>		<b>EPA ID: OHR000222935</b>		
<b>Generator Site Address: 1100 E 222<sup>nd</sup> St</b>				
<b>City: Euclid</b>	<b>State: OH</b>		<b>Zip: 44117</b>	
<b>Waste common name: Plating Baths</b>				
<b>Estimated volume: 4,000 gallons per year</b>				

**Waste Approval Decision:**  Approved  Rejected

**High hazard waste stream?**  Yes  No

**Special notes and handling requirements:**

Click or tap here to enter text.

#### Precautions, Conditions, or Limitations on Approval

The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste.

#### Waste Approval Signatures

Approvals Department Signature: Sabrina Zaleski Name Printed: Sabrina Zaleski  
 Date: 12/6/2023

Operations Manager Signature: John Frost Name Printed: John Frost  
 Date: 12/6/2023

# 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:   
 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#  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: --Select--  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="97"/>	<input type="text" value="99"/>	<input type="text" value=""/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value=""/>
<input type="text" value="Ansulite 3X3"/>	<input type="text" value="1"/>	<input type="text" value="3"/>	<input type="text" value=""/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value=""/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value=""/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value=""/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value=""/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value=""/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<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  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.**


Brandt Frenchman  
Authorized Representative Name  
(Printed)

Sr. Business Manager  
Title  
(Printed)

Capitol Environmental Services, Inc.  
Company Name

*Brandt Frenchman*  
Representative Signature

12/4/2023  
Date

		<b>RIES Deepwell - Romulus, MI</b> <b>Approvals decision letter</b>		
<b>Approval Type:</b>	<input checked="" type="checkbox"/> <b>Initial</b>	<input type="checkbox"/> <b>Recertification</b>	<input type="checkbox"/> <b>Change</b>	<input type="checkbox"/> <b>Amendment</b>
<b>Waste Approval #:</b> 64402371202		<b>Expiration Date:</b> 12/04/2024		
<b>Disposal Facility:</b> 6440 Detroit Industrial Well				
<b>Generator Name:</b> Symrise, Inc		<b>EPA ID:</b> SCD070365051		
<b>Generator Site Address:</b> 1636 Bushy Park Rd				
<b>City:</b> Berkeley	<b>State:</b> SC	<b>Zip:</b> 29445		
<b>Waste common name:</b> Spill Cleanup/AFFF Water				
<b>Estimated volume:</b> 15,000 gallons per year				

**Waste Approval Decision:**  Approved  Rejected

**High hazard waste stream?**  Yes  No

**Special notes and handling requirements:**

Click or tap here to enter text.

#### Precautions, Conditions, or Limitations on Approval

The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste.

#### Waste Approval Signatures

Approvals Department Signature: Sabrina Zaleski Name Printed: Sabrina Zaleski  
Date: 12/5/2023

Operations Manager Signature: John Frost Name Printed: John Frost  
Date: 12/5/2023

# 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:  Hazardous  Container Type:  Bulk Tanker

Container Size / Unit of Measure:  Annual Volume:  Volume Units:  Gallons 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 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="Water"/>	<input type="text" value="95"/>	<input type="text" value="99"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
<input type="text" value="Sulfuric acid"/>	<input type="text" value="0"/>	<input type="text" value="0.2"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
<input type="text" value="Dissolved Solids (inert)"/>	<input type="text" value="1"/>	<input type="text" value="5"/>	<input style="width: 20px;" type="text" value="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" type="text" value="%"/>
<input type="text" value="Dissolved Solids (RCRA Metals)"/>	<input type="text" value=".001"/>	<input type="text" value=".01"/>	<input style="width: 20px;" type="text" value="%"/>	<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="%"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input style="width: 20px;" 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:  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 <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="checkbox"/> Yes. If Yes, please explain: <input type="text"/>		
OSHA Carcinogen	<input checked="" type="checkbox"/> No <input type="checkbox"/> 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.**

**Regan L Brunk**  
Authorized Representative Name  
(Printed)

**Environmental Manager**  
Title  
(Printed)


**Valicor Environmental Manager**  
Company Name

**Regan L Brunk**  
Digitally signed by Regan L Brunk  
Date: 2023.12.01 14:37:50 -05'00'

Date

Representative Signature

Date

		RIES Deepwell - Romulus, MI Approvals decision letter		
Approval Type:	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Recertification	<input type="checkbox"/> Change	<input type="checkbox"/> Amendment
Waste Approval #: 64402371201		Expiration Date: 12/01/2024		
Disposal Facility: 6440 Detroit Industrial Well				
Generator Name: Valicor Environmental Services		EPA ID: OHD004274031		
Generator Site Address: 300 Cherokee Drive				
City: Dayton	State: OH		Zip: 45417	
Waste common name: RO Concentrate				
Estimated volume: 700,000 gallons per year				

Waste Approval Decision:  Approved  Rejected

High hazard waste stream?  Yes  No

Special notes and handling requirements:


Click or tap here to enter text.
----------------------------------

**Precautions, Conditions, or Limitations on Approval**

The site must ensure that all pre-acceptance and verification analytical is performed in accordance with the site's permit requirements prior to acceptance and disposal of the profiled waste.

**Waste Approval Signatures**

Approvals Department Signature:  Name Printed: Sabrina Tuleski  
 Date: 12-4-23

Operations Manager Signature:  Name Printed: John Frost  
 Date: 12/5/2023

# Deep Well Profile



Disposal Facility: 6440 - DETROIT INDUSTRIAL WELL

Waste Profile #:

Sales Rep #:

## I. Generator Information

Generator Name: GOODRICH LANDING SYSTEM

Address: 3201 NW 167TH STREET

City: MIAMI GARDENS County: State: FL Zip: 33056

State ID/Reg No: EPA ID #: FLD982106080 NAICS #: 336411

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

### State Regulated:

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

### Operational:

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

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

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

 Authorized Representative Name (Printed)	 Title (Printed)	Republic Services Company Name
---	------------------------	-----------------------------------

 Representative Signature	11/08/17 Date
------------------------------	------------------

## **F039 Analysis**

# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 1/23/2024 9:48:16 AM

## JOB DESCRIPTION

Republic Industrial & Energy Solutions F039

## JOB NUMBER

190-33397-1

# Eurofins Michigan

1

## Job Notes

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

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## Authorization



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1/23/2024 9:48:16 AM

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

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# Sample Summary

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

Job ID: 190-33397-1

---

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
190-33397-1	Dec 2023 F039 COMP	Water	12/29/23 10:00	01/02/24 13:29



## Case Narrative

Client: Republic Industrial and Energy Solutions  
Project: Republic Industrial & Energy Solutions F039

Job ID: 190-33397-1

**Job ID: 190-33397-1**

**Eurofins Michigan**

### Job Narrative 190-33397-1

#### Receipt

The sample was received on 1/2/2024 1:29 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 was 9.0° C.

Methods 8290A, 8290: Insufficient sample volume was available to analyze for Dioxin compounds. Client was notified, test was cancelled.

#### GC/MS Semi VOA

Method 8270E: The following sample was diluted due to the nature of the sample matrix: Dec 2023 F039 COMP (190-33397-1). 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.

#### GC Semi VOA

Method 8081B: The following sample was diluted due to the abundance of non-target analytes: Dec 2023 F039 COMP (190-33397-1).

Method 8081B: The following sample was inadvertently acid cleaned. No sample volume was available for a re-extraction. Dec 2023 F039 COMP (190-33397-1)

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

#### Organic Prep

Methods 3510C, 625: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-599344.

Methods 3510C, 608: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-599401.

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

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# Client Sample Results

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

Job ID: 190-33397-1

**Client Sample ID: Dec 2023 F039 COMP**

**Lab Sample ID: 190-33397-1**

**Date Collected: 12/29/23 10:00**

**Matrix: Water**

**Date Received: 01/02/24 13:29**

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<50		50	ug/L		01/04/24 08:05	01/10/24 11:10	10
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Terphenyl-d14 (Surr)	72		31 - 140			01/04/24 08:05	01/10/24 11:10	10
Phenol-d5 (Surr)	30		18 - 120			01/04/24 08:05	01/10/24 11:10	10
Nitrobenzene-d5 (Surr)	62		13 - 120			01/04/24 08:05	01/10/24 11:10	10
2-Fluorophenol (Surr)	21		12 - 120			01/04/24 08:05	01/10/24 11:10	10
2-Fluorobiphenyl (Surr)	56		23 - 120			01/04/24 08:05	01/10/24 11:10	10
2,4,6-Tribromophenol (Surr)	79		10 - 126			01/04/24 08:05	01/10/24 11:10	10

**Method: SW846 8081B - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<5.0		5.0	ug/L		01/04/24 11:35	01/08/24 14:25	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
DCB Decachlorobiphenyl	18		10 - 145			01/04/24 11:35	01/08/24 14:25	20
Tetrachloro-m-xylene	34		10 - 123			01/04/24 11:35	01/08/24 14:25	20





# QC Sample Results

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

Job ID: 190-33397-1

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

Lab Sample ID: MB 240-599344/1-A  
 Matrix: Water  
 Analysis Batch: 599823

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 599344

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0	ug/L		01/04/24 08:05	01/10/24 09:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	84		31 - 140	01/04/24 08:05	01/10/24 09:57	1
Phenol-d5 (Surr)	48		18 - 120	01/04/24 08:05	01/10/24 09:57	1
Nitrobenzene-d5 (Surr)	78		13 - 120	01/04/24 08:05	01/10/24 09:57	1
2-Fluorophenol (Surr)	42		12 - 120	01/04/24 08:05	01/10/24 09:57	1
2-Fluorobiphenyl (Surr)	72		23 - 120	01/04/24 08:05	01/10/24 09:57	1
2,4,6-Tribromophenol (Surr)	59		10 - 126	01/04/24 08:05	01/10/24 09:57	1

Lab Sample ID: LCS 240-599344/2-A  
 Matrix: Water  
 Analysis Batch: 599823

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 599344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrosodimethylamine	32.0	11.8		ug/L		37	10 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	74		31 - 140
Phenol-d5 (Surr)	52		18 - 120
Nitrobenzene-d5 (Surr)	76		13 - 120
2-Fluorophenol (Surr)	76		12 - 120
2-Fluorobiphenyl (Surr)	66		23 - 120
2,4,6-Tribromophenol (Surr)	61		10 - 126

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

Lab Sample ID: MB 240-599401/1-A  
 Matrix: Water  
 Analysis Batch: 599603

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 599401

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.013		0.013	ug/L		01/04/24 11:35	01/08/24 13:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		10 - 145	01/04/24 11:35	01/08/24 13:03	1
Tetrachloro-m-xylene	58		10 - 123	01/04/24 11:35	01/08/24 13:03	1

Lab Sample ID: LCS 240-599401/2-A  
 Matrix: Water  
 Analysis Batch: 599603

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 599401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.250	0.194		ug/L		78	26 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	50		10 - 145

Eurofins Michigan

# QC Sample Results

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

Job ID: 190-33397-1

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

Lab Sample ID: LCS 240-599401/2-A  
Matrix: Water  
Analysis Batch: 599603

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 599401

<u>Surrogate</u>	<u>LCS</u> <u>%Recovery</u>	<u>LCS</u> <u>Qualifier</u>	<u>Limits</u>
<i>Tetrachloro-m-xylene</i>	48		10-123



# Definitions/Glossary

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

Job ID: 190-33397-1



## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
*	Listed under the "D" column to designate that the result is reported on a dry weight 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





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: RIES

Work Order #: 33397

Receipt Evaluation Performed by: Initials: M Date: 1/24/24 Time: 13:29

### 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 / 3<sup>rd</sup> 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: \_\_\_\_\_

1  
2  
3  
4  
5

8

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	9.0	9.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y N		Plastic bags
					Y N		
					Y N		

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"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample time is different from bottle & CoC. Noted for CoC.
Containers and Labels in good condition? (unbroken, not leaking, appropriately filled, labels legible & attached)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Appropriate containers used and adequate volume provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preserved bottles checked for pH? Yes No
Number of sample containers match CoC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	pH strip lot # _____
Samples received within hold?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Samples submitted for GRO and Volatiles analysis (8260, 624, 524) received without headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Was a Trip Blank received with VOA samples?	<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
**May not be applicable if samples are not for compliance testing				*Excludes FOG, VOAs, TOC Vials, HEM

### Client Contact Record

Contact Via:  Phone  Email  Other: \_\_\_\_\_ Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Discrepancy allowance agreement is on record in the client project file

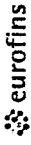
### Discussion / Resolution

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: 12/12/23

WI-MI-010\_020720

**Chain of Custody Record**



Environment Testing

Sampler: Lab P#: Schaefer, Sue  
 Phone: E-Mail: F-Mail: Schaefer@eurofins.com  
 Shipping/Receiving State of Origin: Michigan  
 Company: Eurofins Environment Testing Northern Ca  
 Accrediations Required (See note):

Carrier Tracking No(s): 190-38122.1  
 Page: Page 1 of 1  
 Job #: 190-33397-1

Due Date Requested: 1/15/2024  
 TAT Requested (days):

Address: 880 Riverside Parkway, West Sacramento, CA, 95605  
 City: West Sacramento  
 State, Zip: CA, 95605  
 Phone: 916-373-5600(Tel) 916-372-1059(Fax)  
 Email:  
 Project Name: Republic Industrial & Energy Solutions  
 Site:

PO #: WO #:  
 Project #: 19001517  
 SSOW#:

Sample Identification - Client ID (Lab ID)  
 Dec 2023 FO39 COMP (190-33397-1)

Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Sewer, On-site, Other)	Field Filtered Sample (Yes or No)	Perform H/M/S/D (Yes or No)	8290A/8290 P Sep DIOXINS Project List	Analysis Requested	Preservation Codes:	Total Number of Containers	Special Instructions/Note:
12/29/23	10:00 Eastern	Water	Water	X	X			M - Hexane N - None O - AsNB02 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCA W - pH 4-5 Y - Trizma L - EDA Other:	1	

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.

Possible Hazard Identification  
 Unconfirmed  
 Deliverable Requested:  I;  II;  III;  IV; Other (specify) \_\_\_\_\_ Months  
 Primary Deliverable Rank: 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:

Method of Shipment:  
 Date: Time:  
 Relinquished by: [Signature] Company: 1337A  
 Date/Time: 1/2/24 13:45  
 Relinquished by: [Signature] Company: 1337A  
 Date/Time: 1/2/24 13:45  
 Relinquished by: [Signature] Company: 1337A  
 Date/Time: 1/2/24 13:45

Relinquished by: [Signature] Company: 1337A  
 Date/Time: 1/2/24 13:45  
 Relinquished by: [Signature] Company: 1337A  
 Date/Time: 1/2/24 13:45  
 Relinquished by: [Signature] Company: 1337A  
 Date/Time: 1/2/24 13:45  
 Custody Seals Intact: A Yes Δ No  
 Custody Seal No.:  
 Cooler Temperature(s) °C and Other Remarks: 1.0 °C

Company: ESTASAC  
 Company: ESTASAC  
 Company: ESTASAC