REPUBLIC SERVICES
28470 Cabot Drive Romulus, MI 48174
o 734 946 1000 republicservices.com

September 29, 2023

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

Re: RIES Monthly Report – August 2023 – Updated Cover Letter

Dear Mr. Greenhagen:

Republic Industrial and Energy Solutions, LLC (RIES) submitted the one hundred and sixteenth 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 August of 2023 so as stated on page A-3 of 3 of RIES's two EPA UIC permits preliminary analysis is being included as the finalized data was not available at that time.

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

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

Sincerely,

John C. Barta

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

AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR 2023

CURRENT REPORTING MONTH August

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

November 2013

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
MI-163-1W-C010 , Well #1-12			
Current Month	737,930	0	737,930
Since facility first injected			56,664,459
MI-163-1W-C011, Well #2-12			
Current Month	962,404	0	962,404
Since facility first injected			38,246,664
		Lifetime Combined	94,911,123

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 116

116 lifetime number of months of injection × 43,830 minutes/month

= 5,084,280 minutes of injection

Lifetime combined injected volume 94,911,123 ÷ 5,084,280 minutes of injection

= 18.67 gpm average injection rate

WELL 1 DATA

REPUBLIC SERVICES

Injection Well 1, August 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
8/1/2023	157.0	943.1	16.8	16.8	881.0	1,391.5	2.7	9.1	0.0	73.9	329.4	768.4
8/2/2023	150.2	942.6	16.8	16.9	874.5	1,385.7	6.3	8.4	0.0	80.7	302.9	748.5
8/3/2023	162.2	943.6	16.8	16.9	881.6	1,344.6	2.0	8.3	0.0	81.6	304.6	746.9
8/4/2023	161.7	941.7	16.8	16.9	869.4	1,379.1	4.5	7.9	0.0	91.0	292.3	732.2
8/5/2023	163.2	943.8	16.8	16.9	824.8	1,240.6	4.0	8.2	0.0	81.9	231.1	751.3
8/6/2023	155.7	177.8	16.7	16.8	786.6	825.5	6.6	7.1	0.0	0.0	630.6	648.0
8/7/2023	152.2	942.4	16.7	16.8	779.6	1,357.9	2.1	8.1	0.0	74.6	206.9	649.4
8/8/2023	95.1	944.1	16.7	16.8	834.4	1,346.3	3.2	13.6	0.0	73.4	295.4	778.6
8/9/2023	110.2	943.9	16.7	16.9	830.1	1,377.2	1.7	9.7	0.0	73.2	264.4	757.8
8/10/2023	164.8	945.6	16.8	16.9	849.4	1,355.0	2.8	8.3	0.0	55.4	300.3	762.8
8/11/2023	149.9	941.5	15.6	16.8	850.9	1571.6	6.4	7.9	0.0	83.9	287.6	1009.9
8/12/2023	115.7	153.0	15.5	15.6	1027.9	1,128.1	6.7	6.8	0.0	0.0	911.9	975.5
8/13/2023	102.2	116.1	15.5	15.6	993.7	1,028.6	6.8	6.8	0.0	0.0	891.4	912.4
8/14/2023	99.3	942.5	15.5	15.6	987.0	1,576.8	3.0	8.2	0.0	64.1	449.9	944.2
8/15/2023	157.8	946.5	15.5	15.6	1070.1	1,539.1	2.1	8.6	0.0	59.7	457.9	962.5
8/16/2023	181.4	944.2	15.5	15.6	1037.6	1,573.5	1.9	8.4	0.0	71.6	432.0	905.2
8/17/2023	177.1	940.4	15.5	15.6	1065.2	1553.5	1.5	8.4	0.0	59.4	498.9	950.0
8/18/2023	179.9	945.0	15.5	15.6	1070.0	1521.1	-3.5	14.5	0.0	72.4	489.7	935.5
8/19/2023	166.9	941.5	15.5	15.6	996.2	1,375.4	2.3	14.5	0.0	56.6	424.6	911.7
8/20/2023	161.9	186.7	15.5	15.6	958.2	996.6	2.8	3.7	0.0	0.0	796.0	810.2
8/21/2023	153.5	940.1	15.4	15.6	949.1	1,466.4	3.1	3.6	0.0	44.1	484.3	861.3
8/22/2023	166.6	943.1	15.5	15.6	1006.4	1,483.5	2.6	3.1	0.0	41.3	453.2	875.8
8/23/2023	160.5	967.4	15.5	15.7	989.1	1,466.8	2.6	10.0	0.0	43.4	438.1	893.9
8/24/2023	108.2	856.2	15.4	15.6	963.3	1,377.5	0.6	7.6	0.0	43.7	448.2	891.8
8/25/2023	171.6	857.0	15.5	15.6	978.7	1309.4	1.2	7.3	0.0	44.3	431.3	825.9
8/26/2023	205.0	700.7	15.5	15.6	962.1	1,265.0	1.1	5.8	0.0	41.3	489.7	805.3
8/27/2023	185.0	660.7	15.4	15.5	931.2	1,236.2	1.5	8.3	0.0	41.9	527.4	790.0
8/28/2023	177.9	937.1	15.4	15.5	909.0	1,361.3	6.4	8.3	0.0	92.4	378.8	817.2
8/29/2023	159.3	855.0	15.5	15.6	926.8	1,301.3	7.0	7.3	0.0	85.2	414.1	857.9
8/30/2023	157.1	744.1	15.5	15.6	922.7	1,271.2	5.7	7.0	0.0	89.6	509.8	848.5
8/31/2023	70.2	700.8	15.4	15.5	878.8	1241.6	6.4	6.9	0.0	88.9	482.5	820.0

Data description

On August 18th, 2023, RIES removed, replaced, and recalibrated the injection pH probes, this caused the incorrect min/max pH values on this day shown in the well data portion of this report. It is also annotated in the maintenance portion of this report.

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

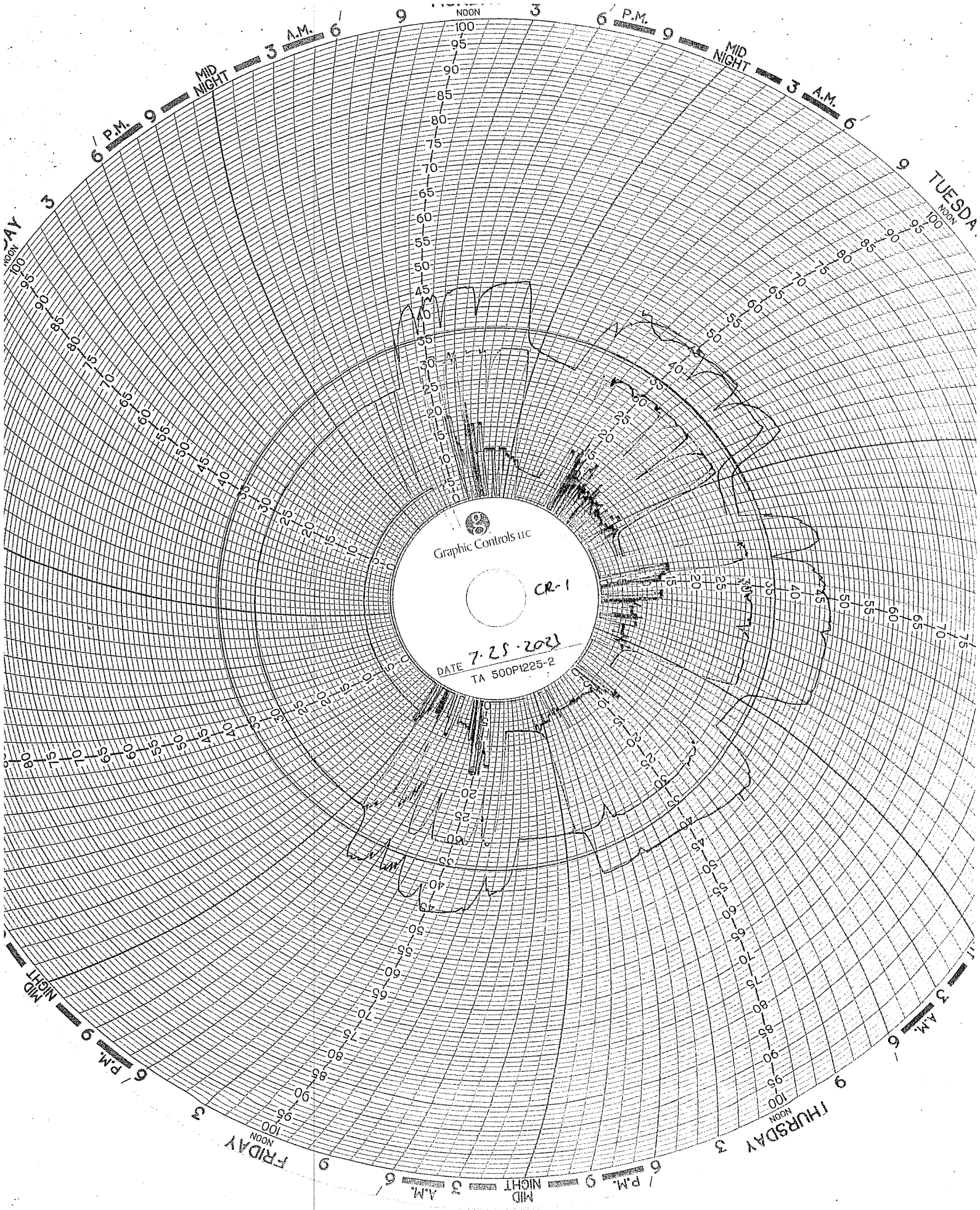
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

channel *tm*

Black Pen — Temperature (chart value x 0)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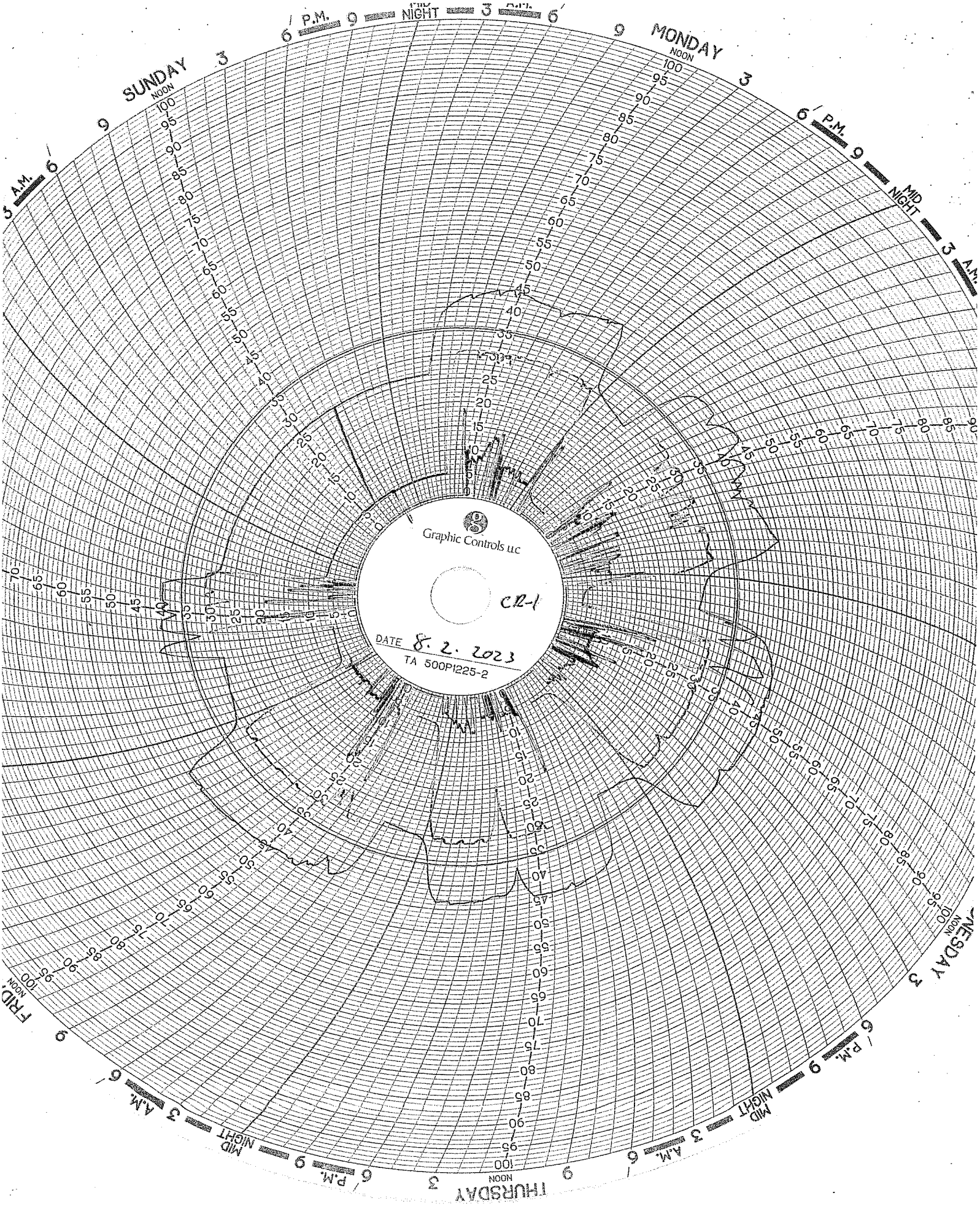
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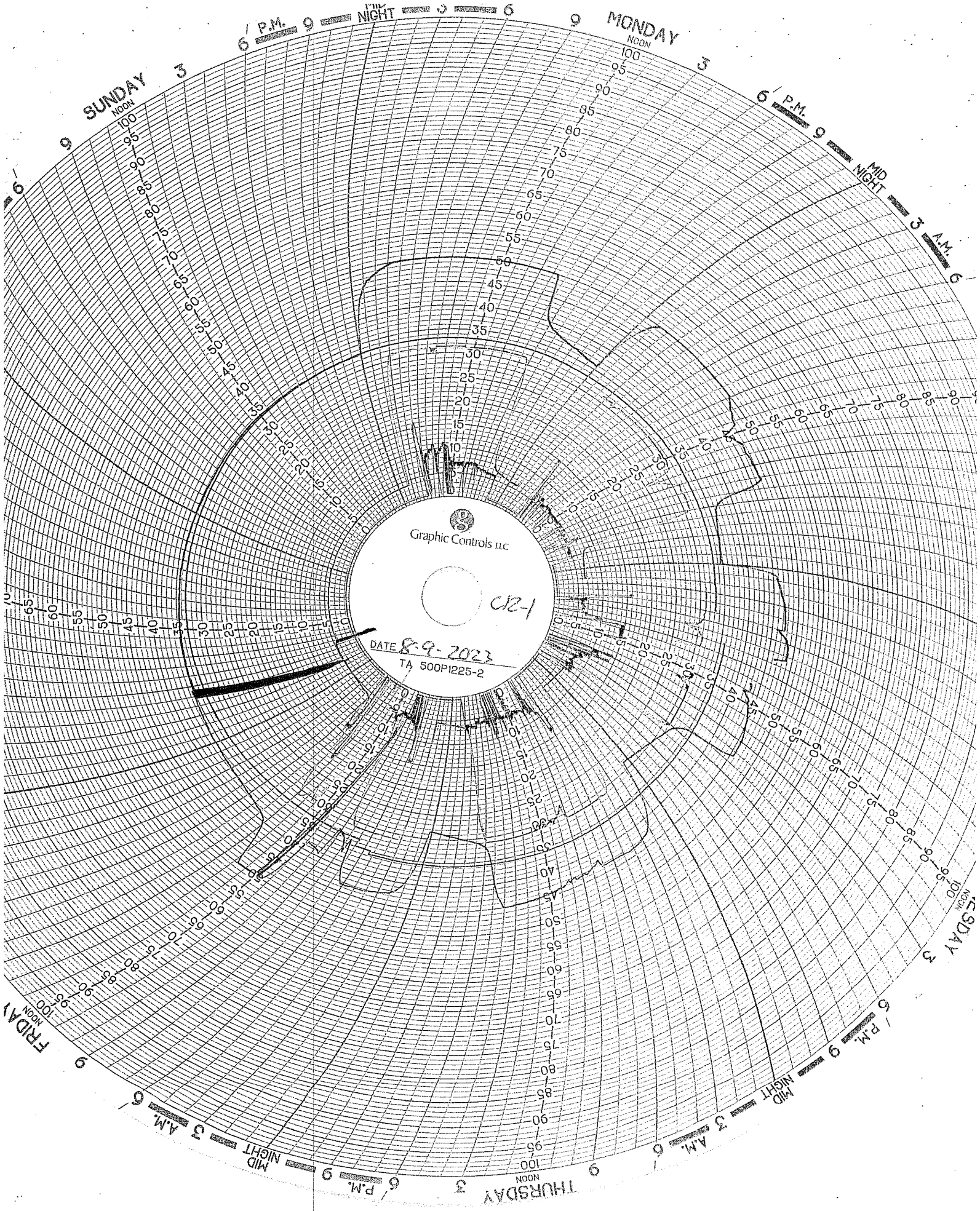
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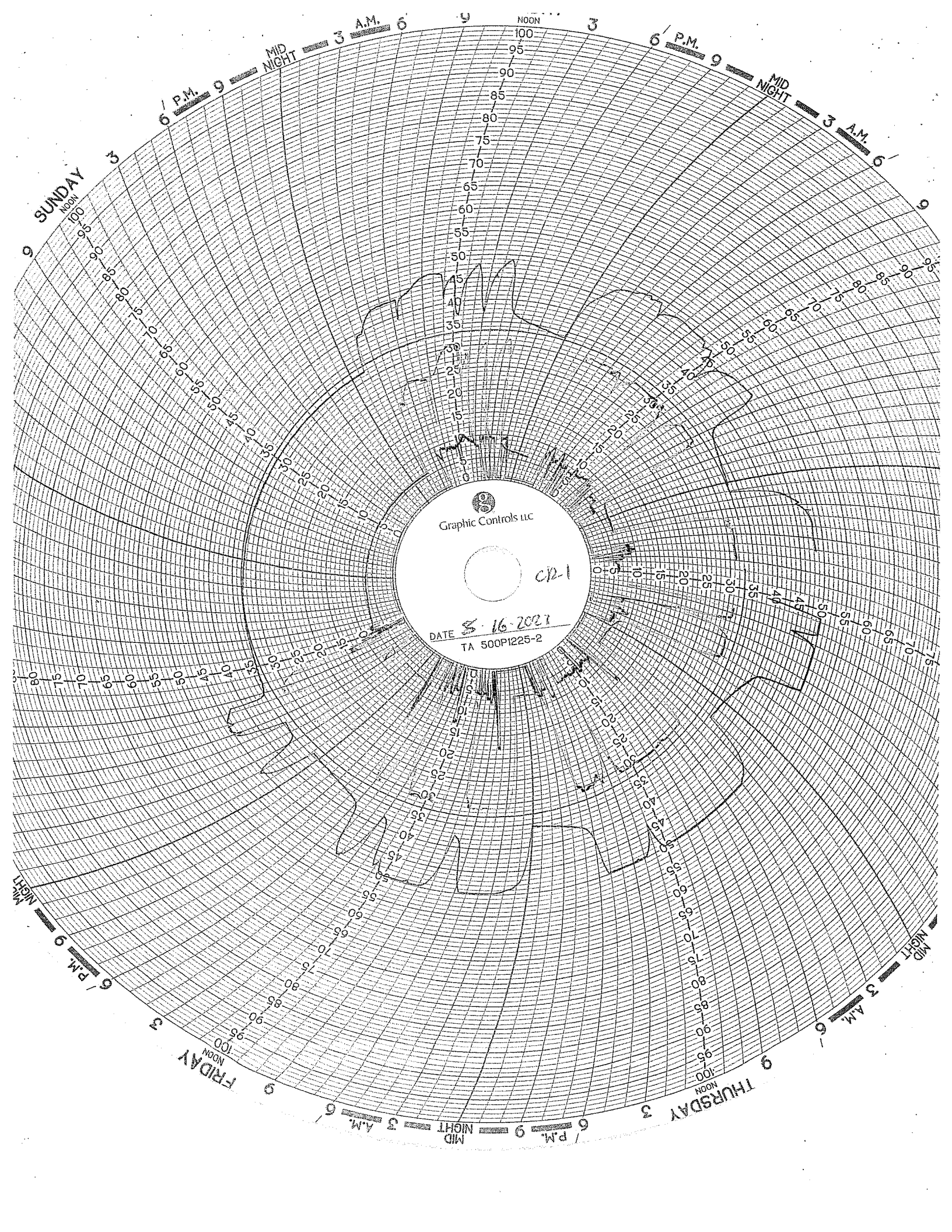
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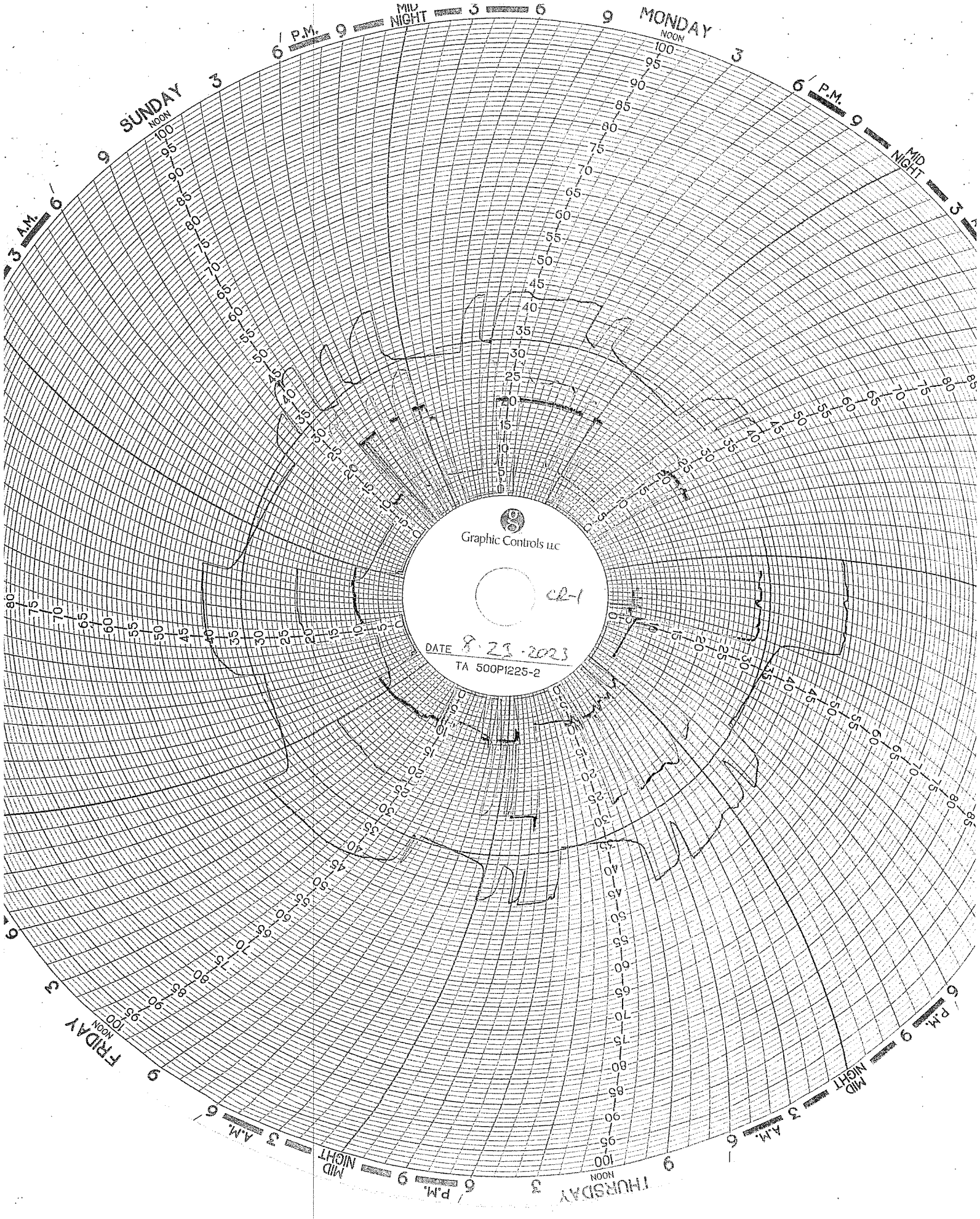
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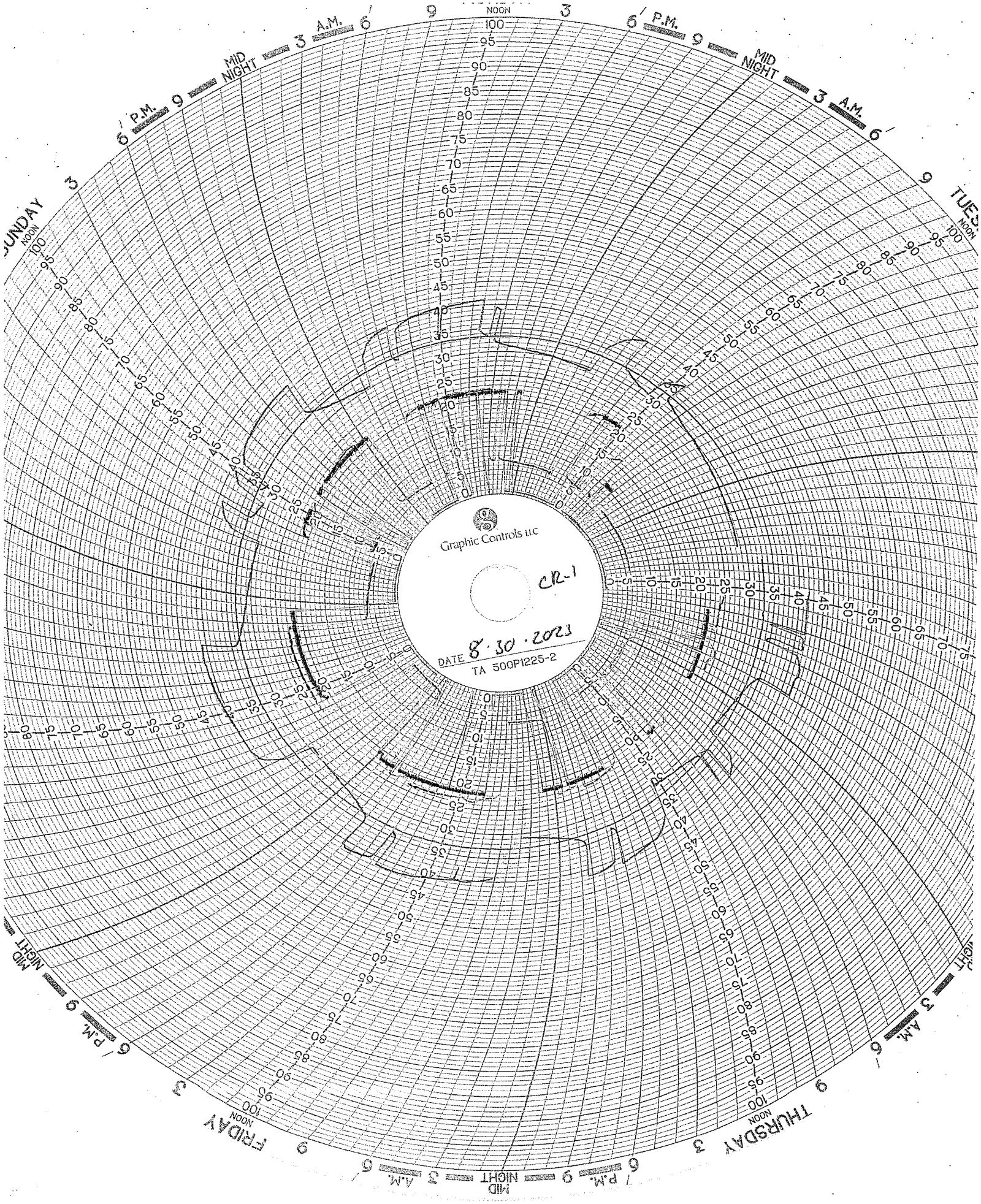
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WELL 2 DATA

REPUBLIC SERVICES

Injection Well 2, Agust 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
8/1/2023	156.0	944.5	29.6	29.7	1,163.3	1,725.0	2.7	9.1	0.0	78.3	654.9	1,067.9
8/2/2023	166.5	950.4	29.6	29.7	1,168.9	1,713.7	6.3	8.4	0.0	84.2	625.1	1,037.2
8/3/2023	162.4	949.4	29.6	29.7	1,174.4	1,675.9	2.0	8.3	0.0	80.9	633.0	1,043.9
8/4/2023	160.8	952.7	29.6	29.7	1,165.8	1,717.3	4.5	7.9	0.0	83.5	628.6	1,032.4
8/5/2023	162.4	951.4	29.6	29.7	1,124.0	1,515.7	4.1	8.2	0.0	86.5	538.0	1,065.9
8/6/2023	154.7	176.9	29.5	29.6	1,093.3	1,124.3	6.6	7.1	0.0	0.0	938.3	947.8
8/7/2023	151.1	952.7	29.5	29.6	1,087.9	1,710.2	2.1	8.1	0.0	76.0	551.6	1,039.6
8/8/2023	98.3	940.7	29.5	29.7	1,153.4	1,697.5	3.2	13.6	0.0	71.9	652.2	1,101.5
8/9/2023	109.9	948.3	29.6	29.8	1,149.1	1,763.2	1.7	9.7	0.0	73.4	629.9	1,096.9
8/10/2023	188.8	951.7	29.6	29.8	1,193.5	1,732.0	2.8	8.3	0.0	62.9	677.4	1,093.8
8/11/2023	47.7	950.0	29.6	32.3	596.1	1,701.0	6.4	7.9	0.0	77.5	321.8	1,088.1
8/12/2023	114.3	151.9	29.8	29.9	1,029.6	1,121.6	6.7	6.8	0.0	0.0	914.7	969.8
8/13/2023	100.7	114.7	29.8	29.9	1,007.1	1,029.7	6.8	6.8	0.0	0.0	905.9	915.3
8/14/2023	98.1	950.6	29.8	29.9	1,003.1	1,648.6	3.0	8.2	0.0	67.4	503.0	993.1
8/15/2023	156.9	950.1	29.8	29.9	1,101.4	1,614.1	2.1	8.5	0.0	68.2	500.3	1,006.6
8/16/2023	183.3	951.3	29.7	29.9	1,072.2	1,661.9	1.9	8.4	0.0	76.8	487.0	959.2
8/17/2023	175.9	949.6	29.8	29.9	1,110.0	1,648.4	1.5	8.4	0.0	58.8	582.0	1,011.6
8/18/2023	178.8	953.1	29.7	29.9	1,126.8	1,625.8	-3.5	14.5	0.0	77.7	583.0	1005.1
8/19/2023	169.0	908.0	29.7	29.8	1,056.6	1,430.4	2.3	4.6	0.0	68.8	502.1	987.8
8/20/2023	161.0	185.5	29.7	29.8	1,021.6	1,056.8	2.8	3.7	0.0	0.0	860.3	871.6
8/21/2023	155.9	938.4	29.7	29.9	1,014.7	1,591.6	3.1	3.6	0.0	61.0	584.5	957.9
8/22/2023	169.9	940.2	29.7	29.9	1,090.8	1,600.5	2.6	3.1	0.0	57.2	567.9	981.4
8/23/2023	159.4	959.2	29.7	29.8	1,078.6	1,607.3	2.6	10.2	0.0	58.9	553.7	1,003.3
8/24/2023	114.7	854.5	29.7	29.8	1,062.8	1,511.4	0.7	7.6	0.0	65.8	565.3	998.6
8/25/2023	189.4	855.3	29.7	29.8	1,090.8	1,437.2	1.2	7.3	0.0	65.5	551.6	941.5
8/26/2023	203.8	699.0	29.7	29.8	1,078.9	1,393.9	1.1	5.8	0.0	61.5	614.4	922.3
8/27/2023	183.4	659.0	29.6	29.7	1,076.9	1,364.1	1.5	8.3	0.0	58.4	673.3	911.6
8/28/2023	176.5	741.7	29.6	29.7	1,059.7	1,394.1	6.4	8.4	0.0	75.1	617.0	915.7
8/29/2023	192.0	761.2	29.6	29.8	1,063.5	1,453.6	7.0	7.3	0.0	87.1	626.4	924.0
8/30/2023	199.4	754.0	29.7	29.8	1,071.1	1,420.9	5.7	7.0	0.0	88.5	656.2	910.2
8/31/2023	233.3	778.3	29.6	29.7	1090.5	1428.1	6.4	6.9	0.0	87.3	626.1	878.2

Data description

On August 18th, 2023, RIES removed, replaced, and recalibrated the injection pH probes, this caused the incorrect min/max pH values on this day shown in the well data portion of this report. It is also annotated in the maintenance portion of this report.

Circle Chart Index

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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)

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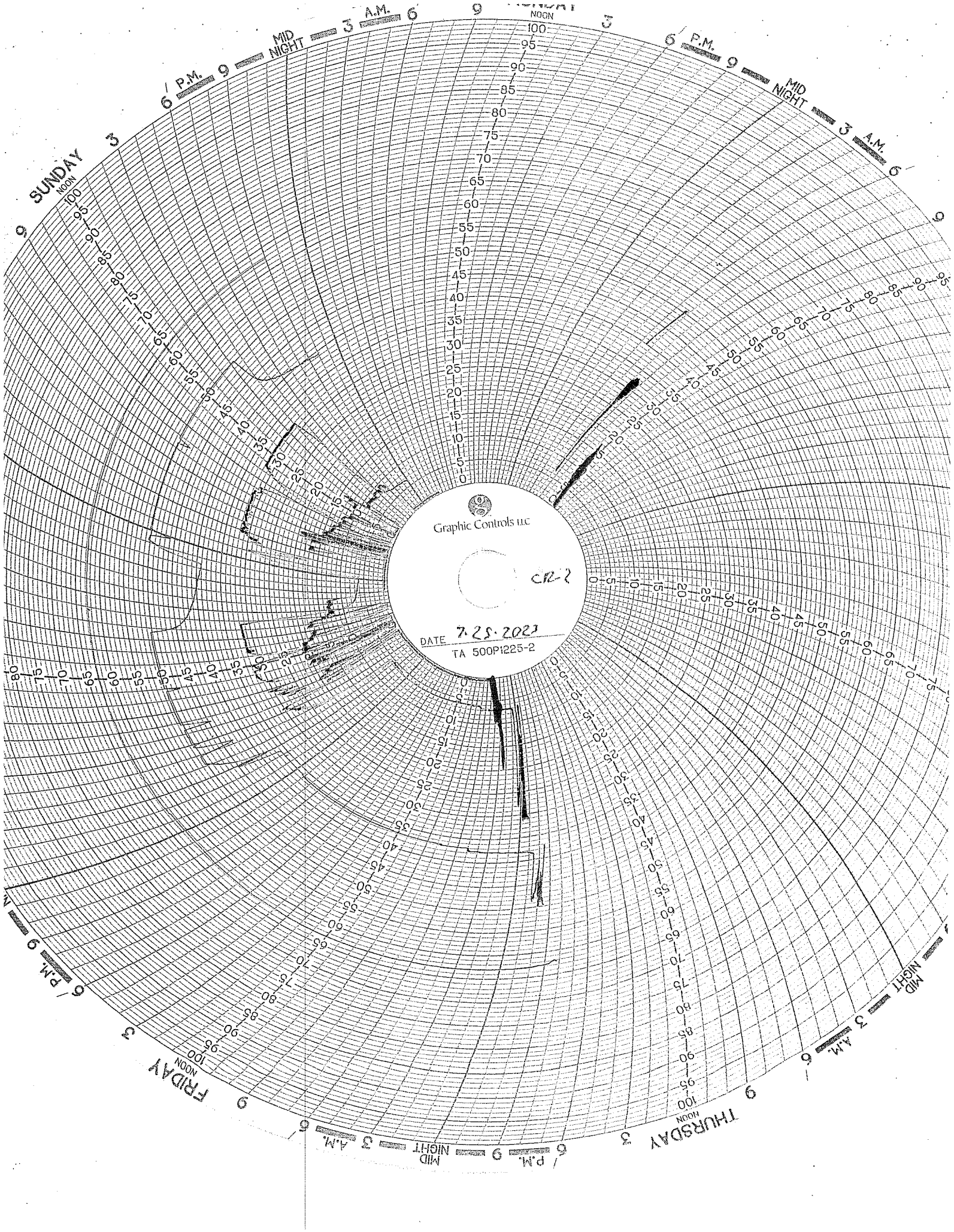
Black Pen — Temperature (chart value x 0)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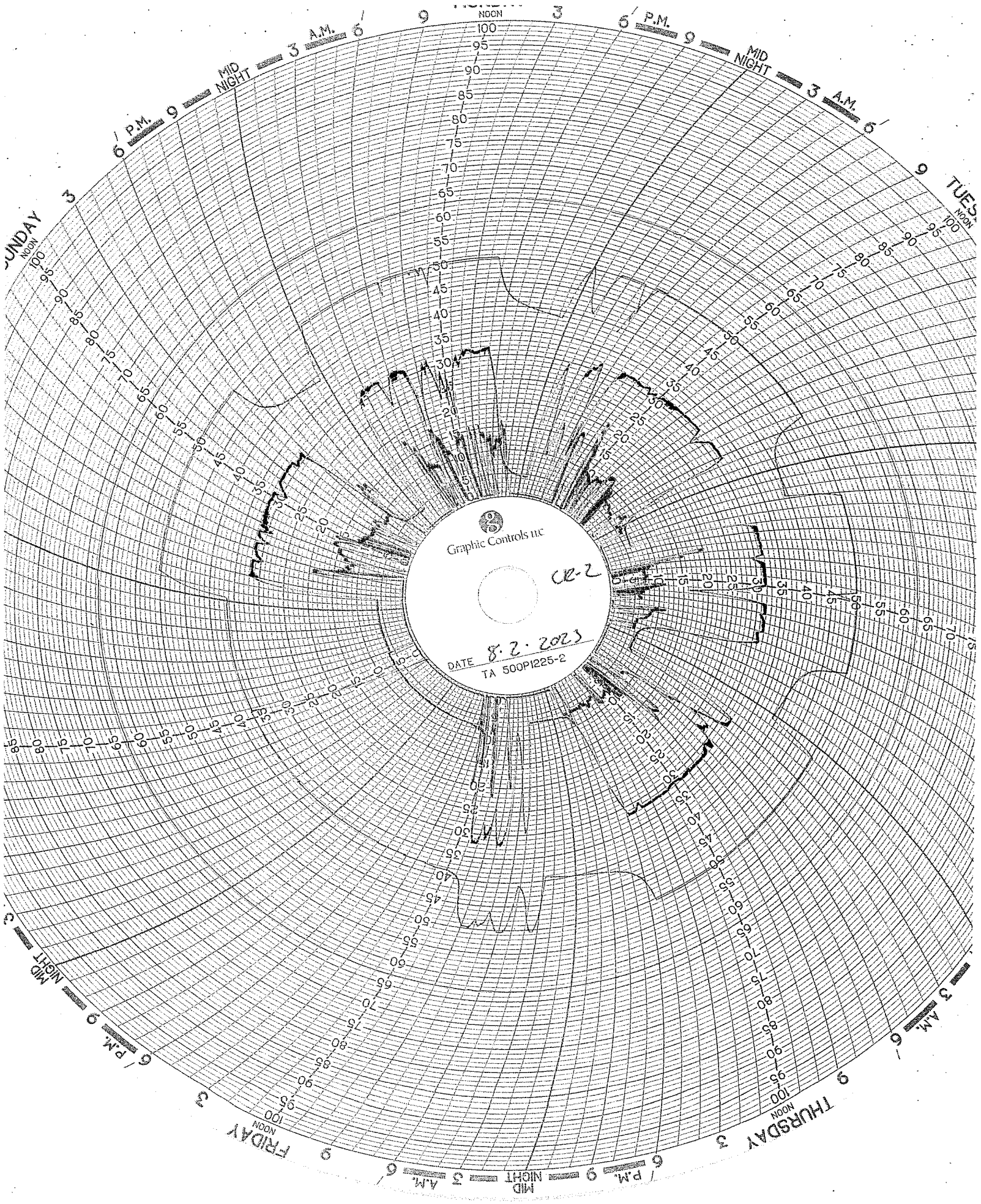
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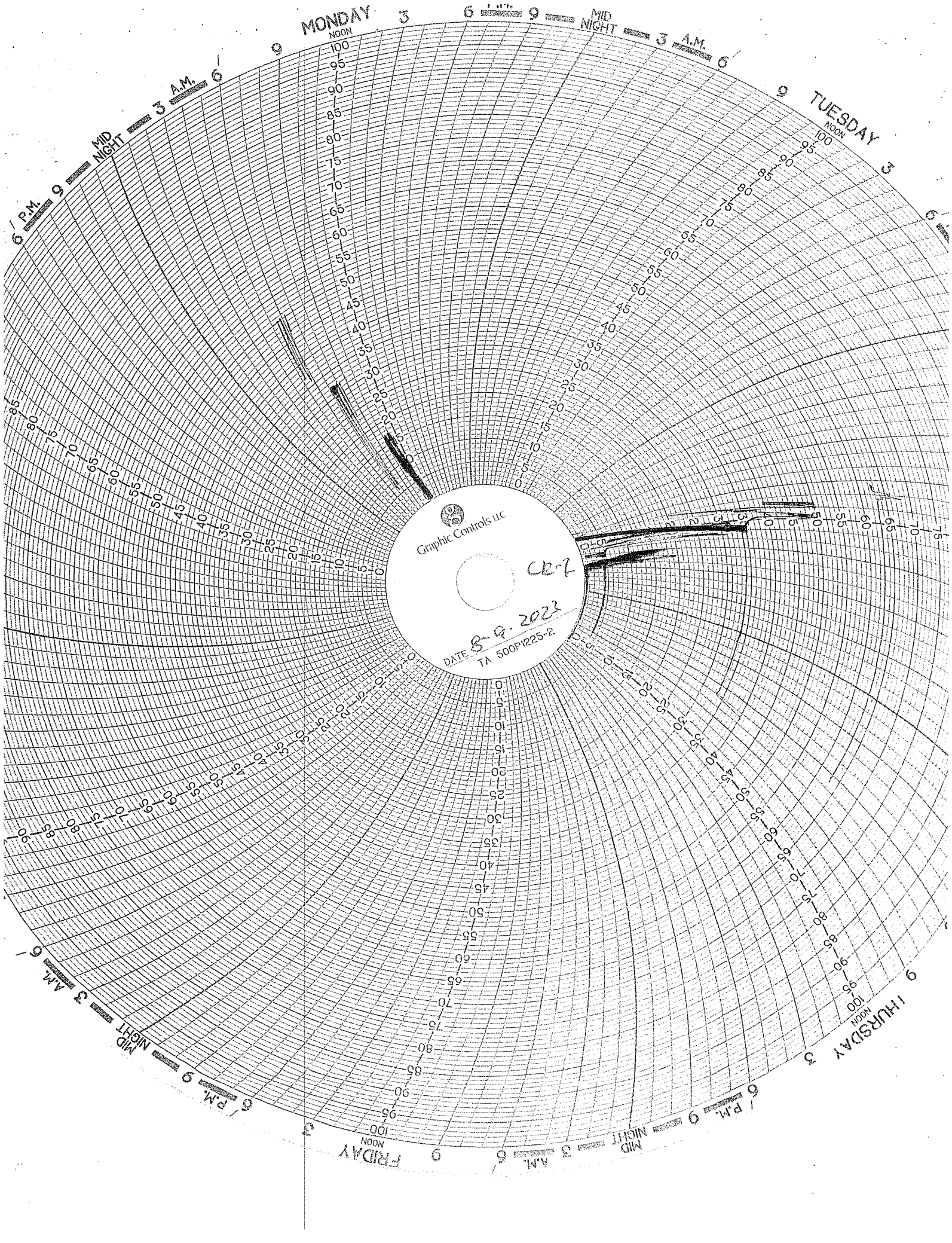
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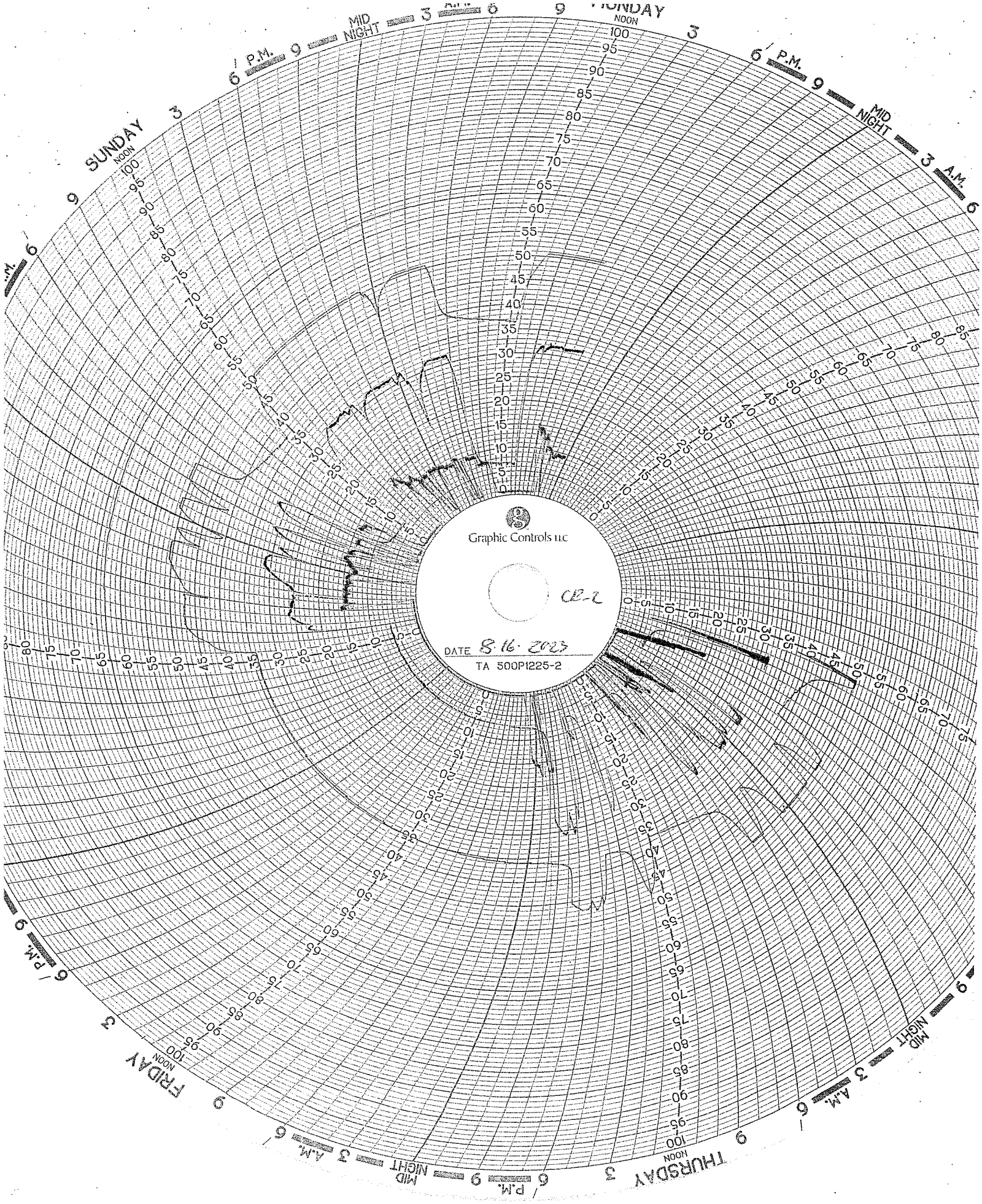
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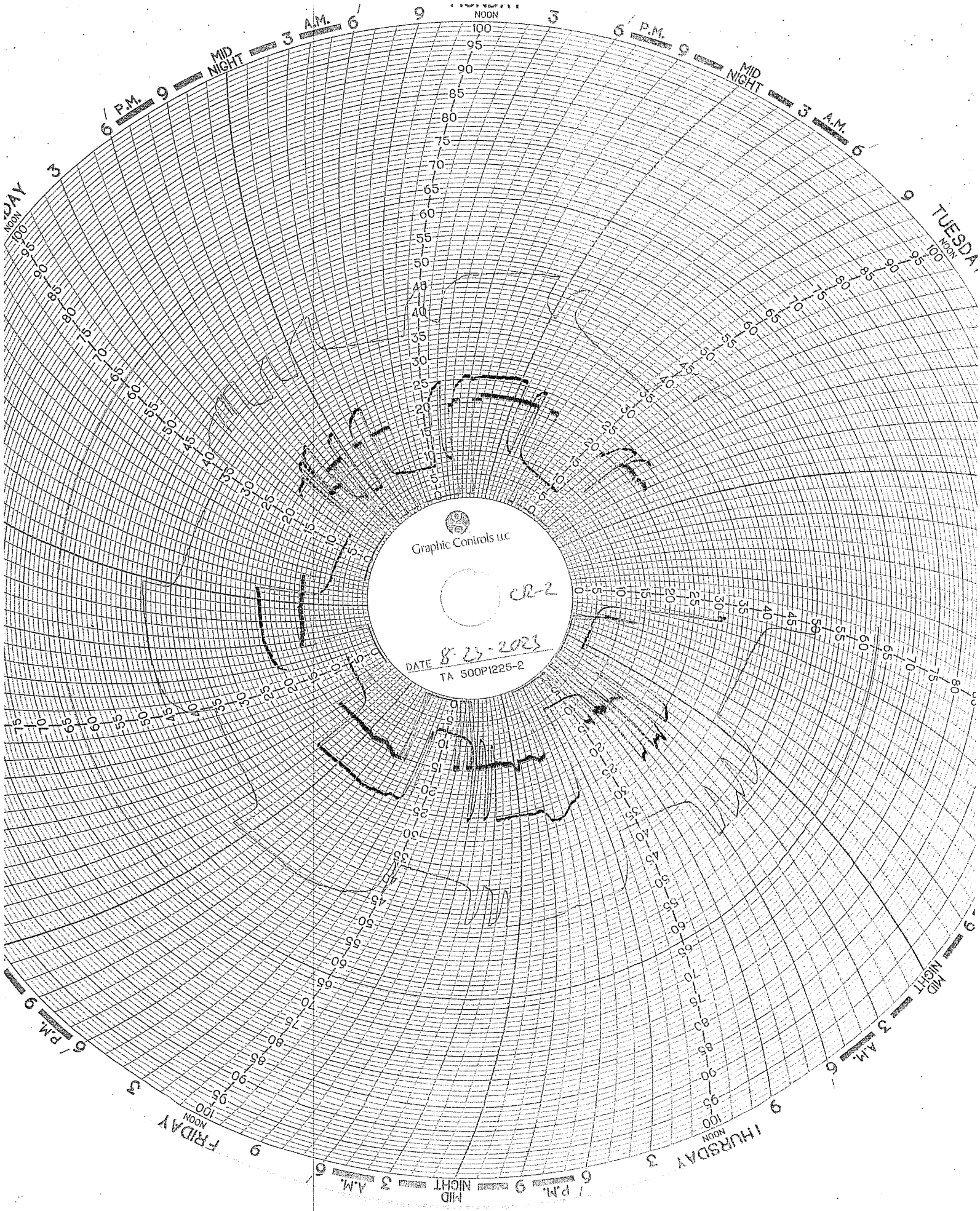
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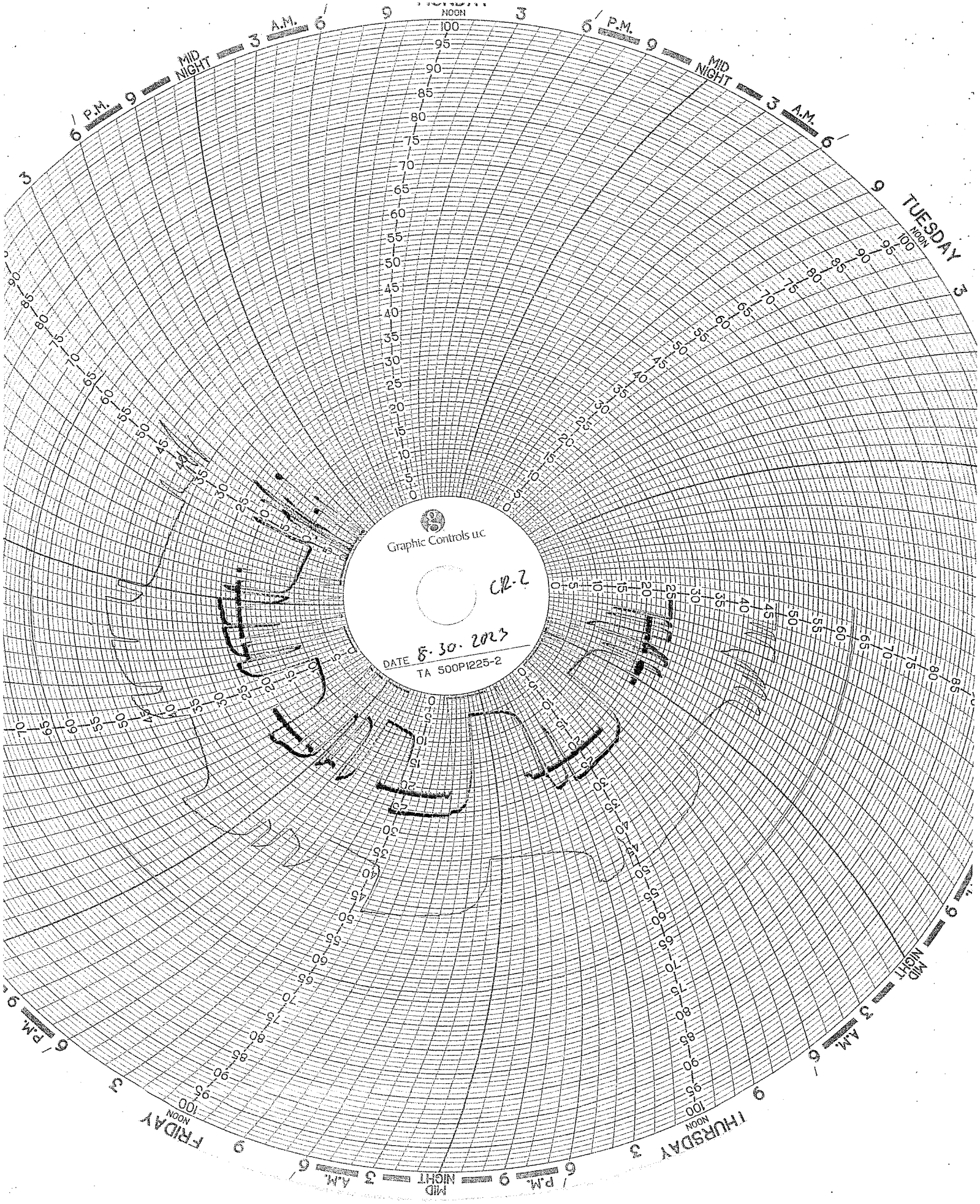
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Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #3

Channel #1

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

Channel #2

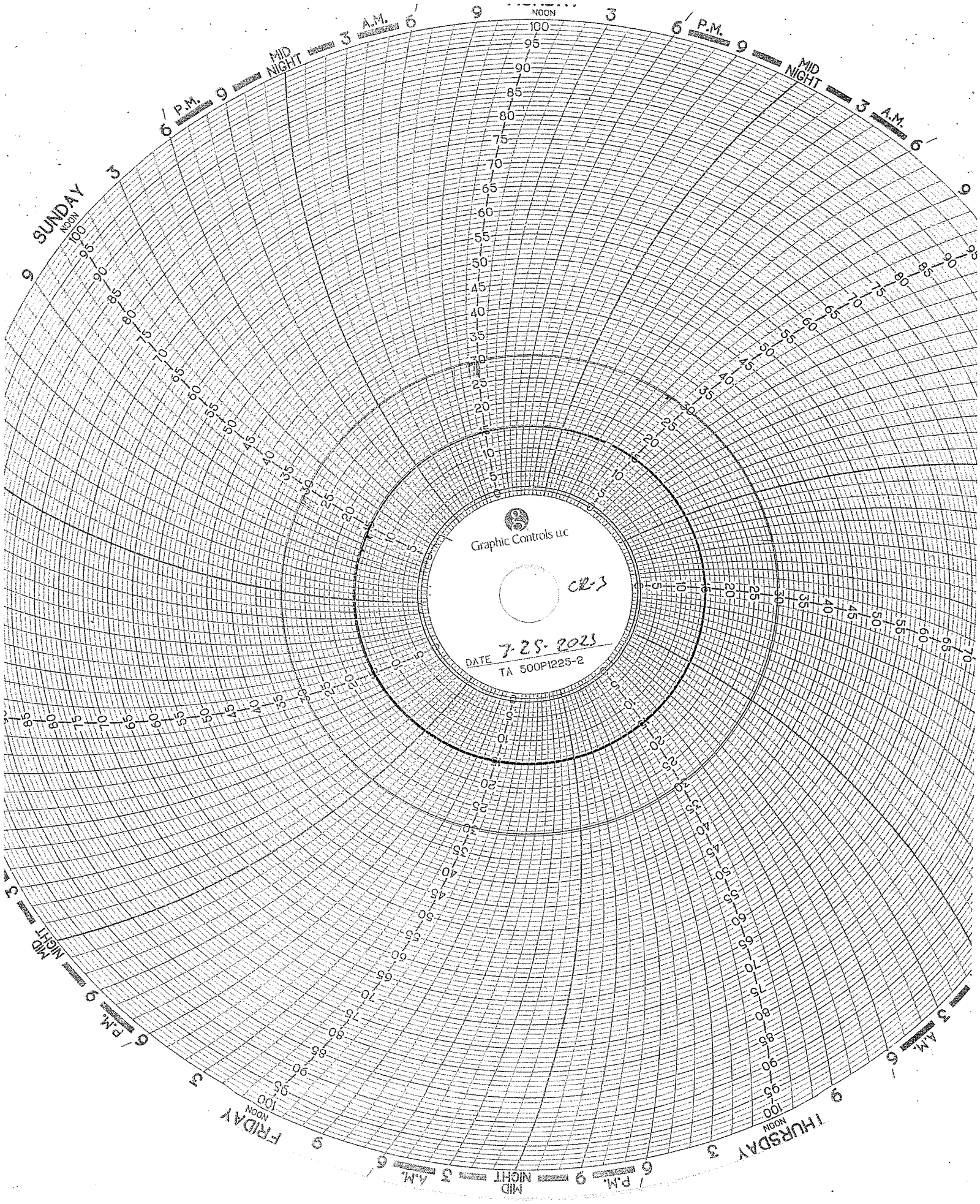
Red Pen — Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

channel *tm*

Black Pen — Temperature (chart value x 0)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CR-3
DATE 7-25-2023
TA 500P1225-2
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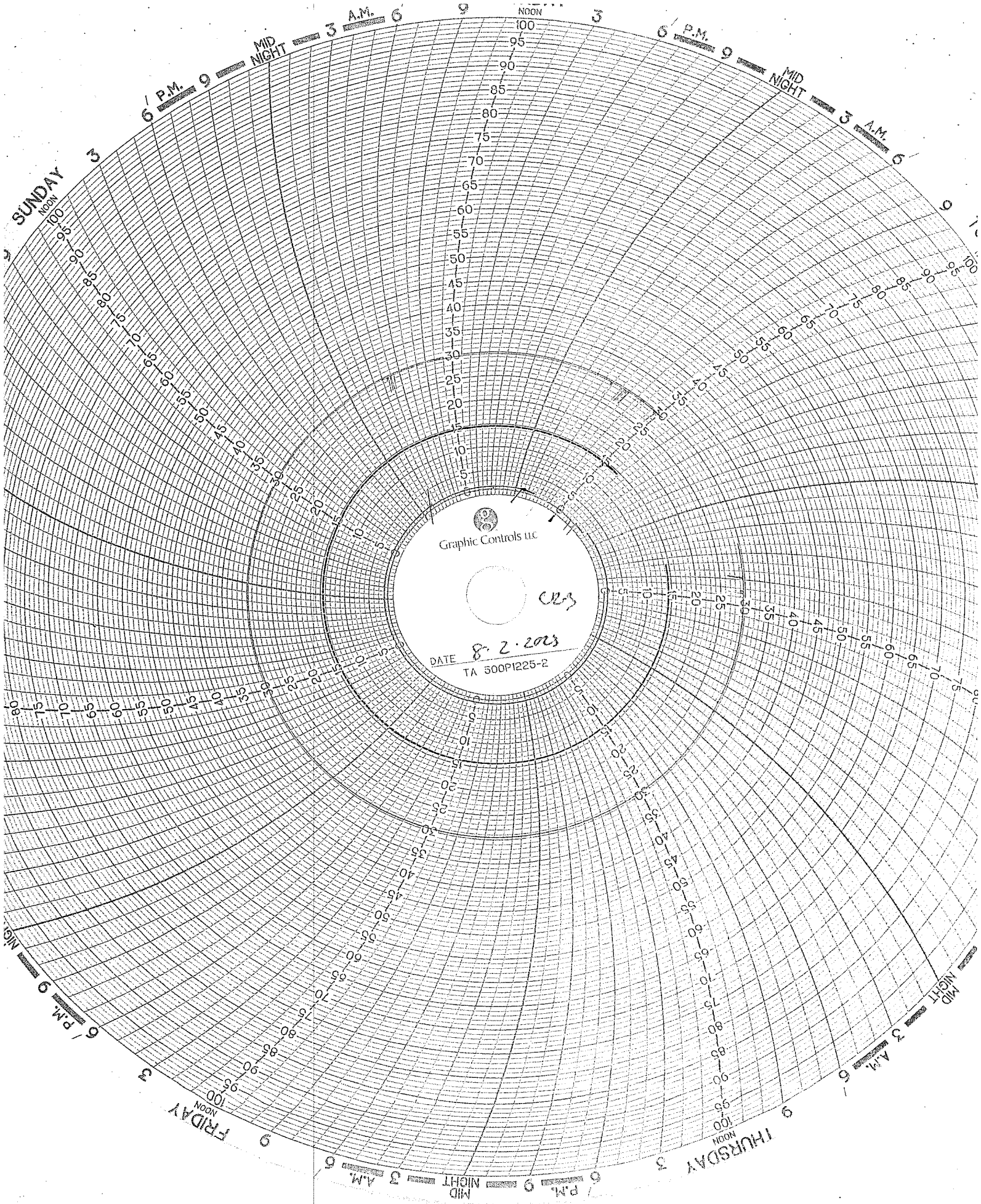
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY
NOON
MID NIGHT
A.M.
P.M.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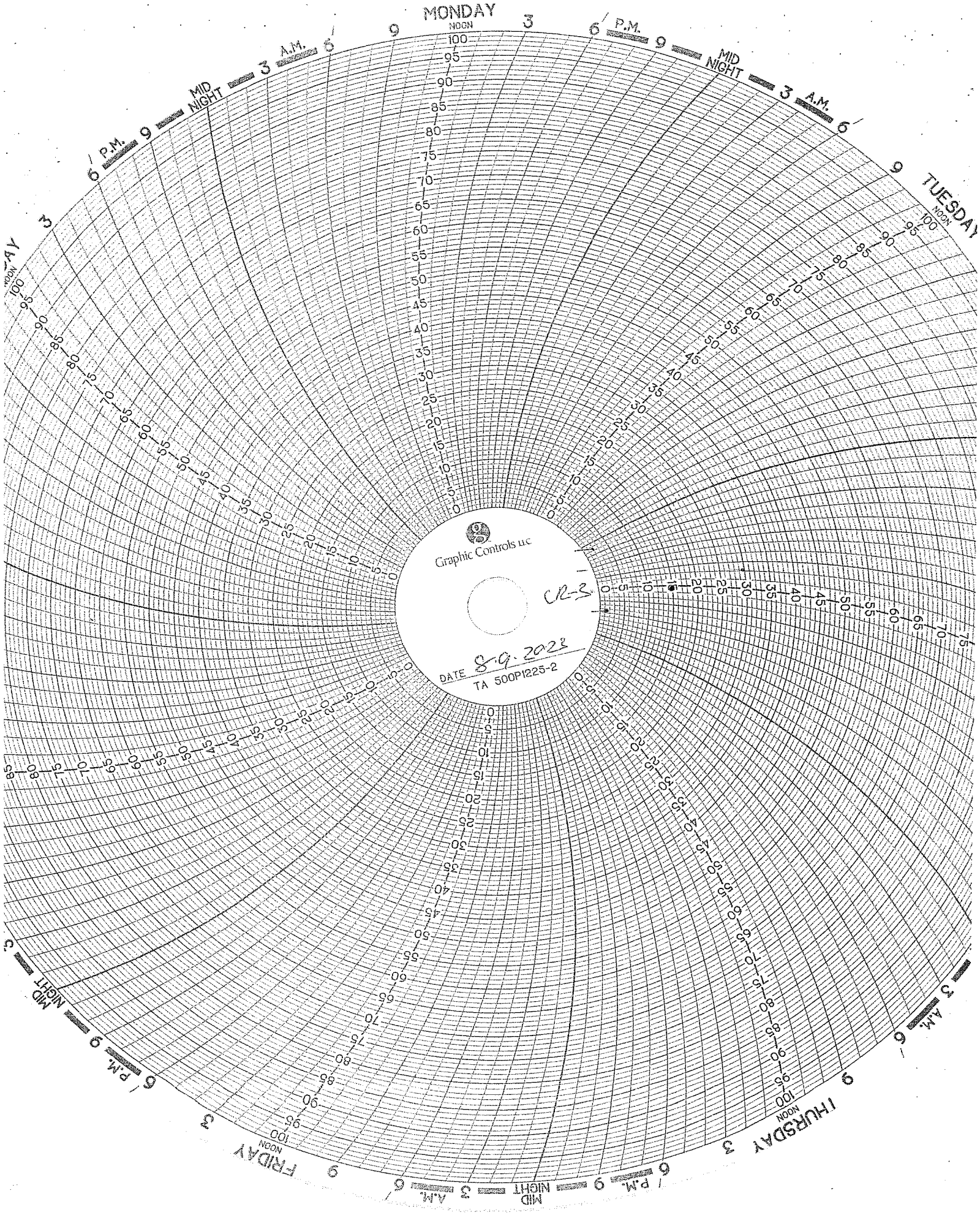
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P.M.
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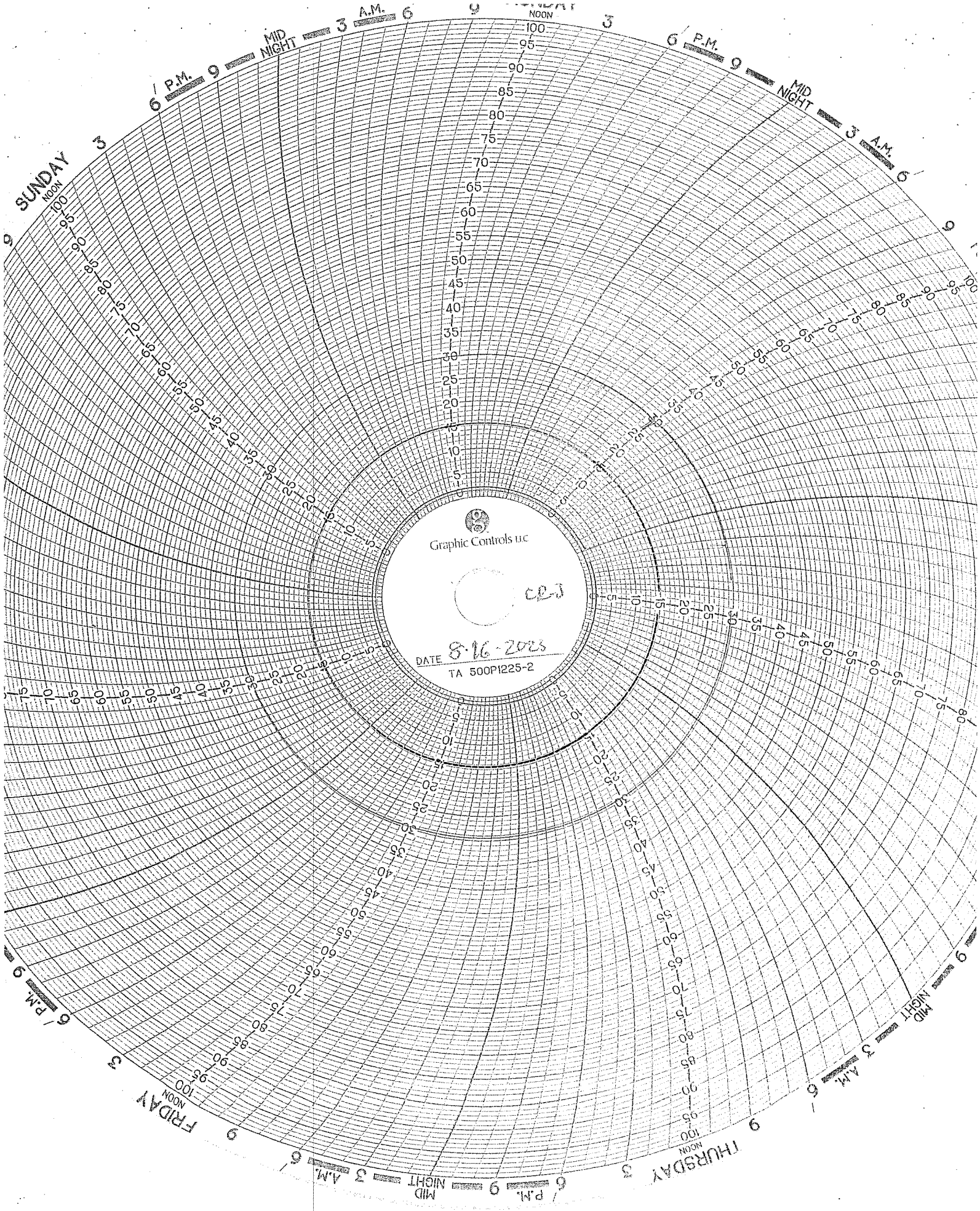
CR-3
DATE 8-9-2023
TA 500P1225-2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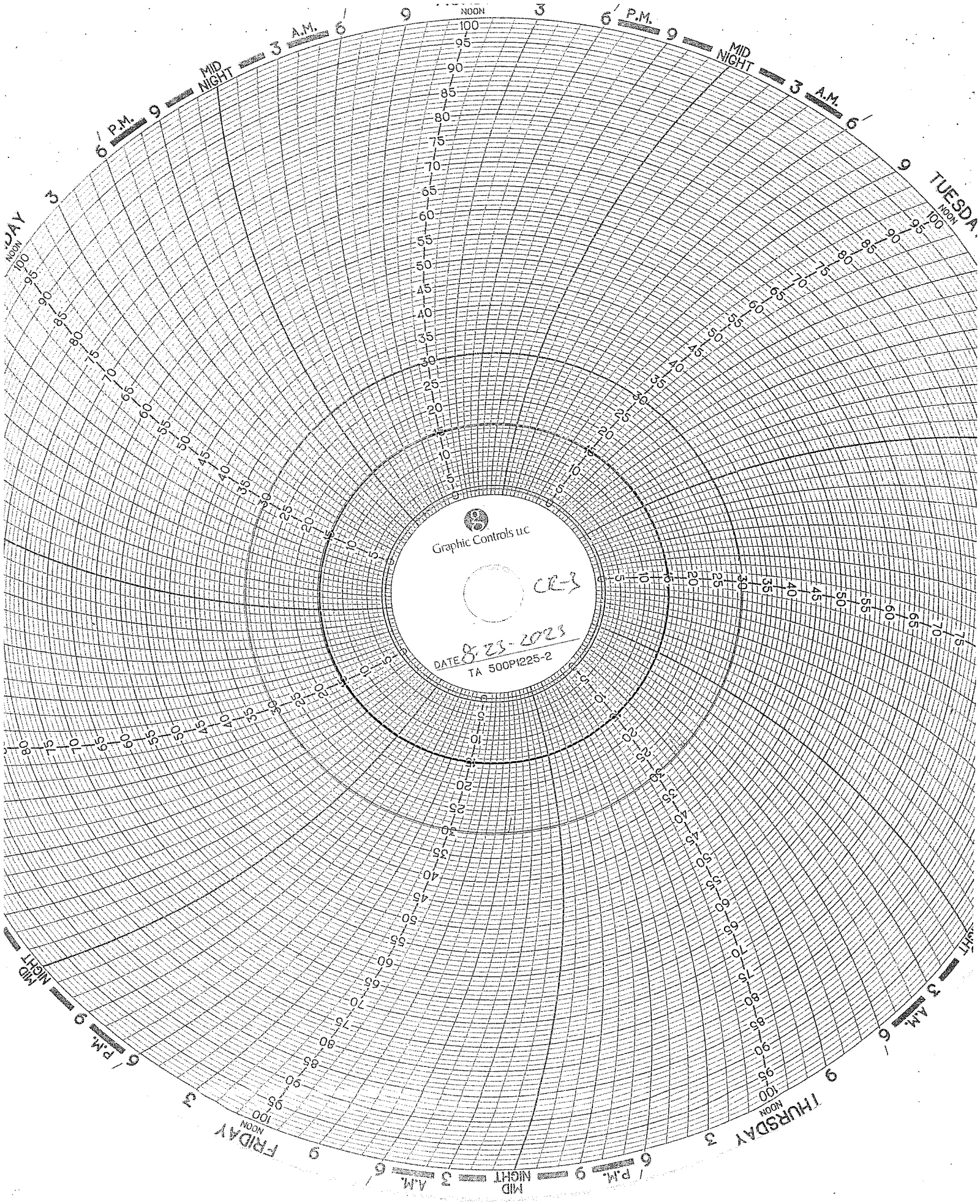
Graphic Controls LLC
CPJ
DATE 8-16-2023
TA 500P1225-2


Graphic Controls LLC
CR-3
DATE 8-23-2023
TA 500P1225-2
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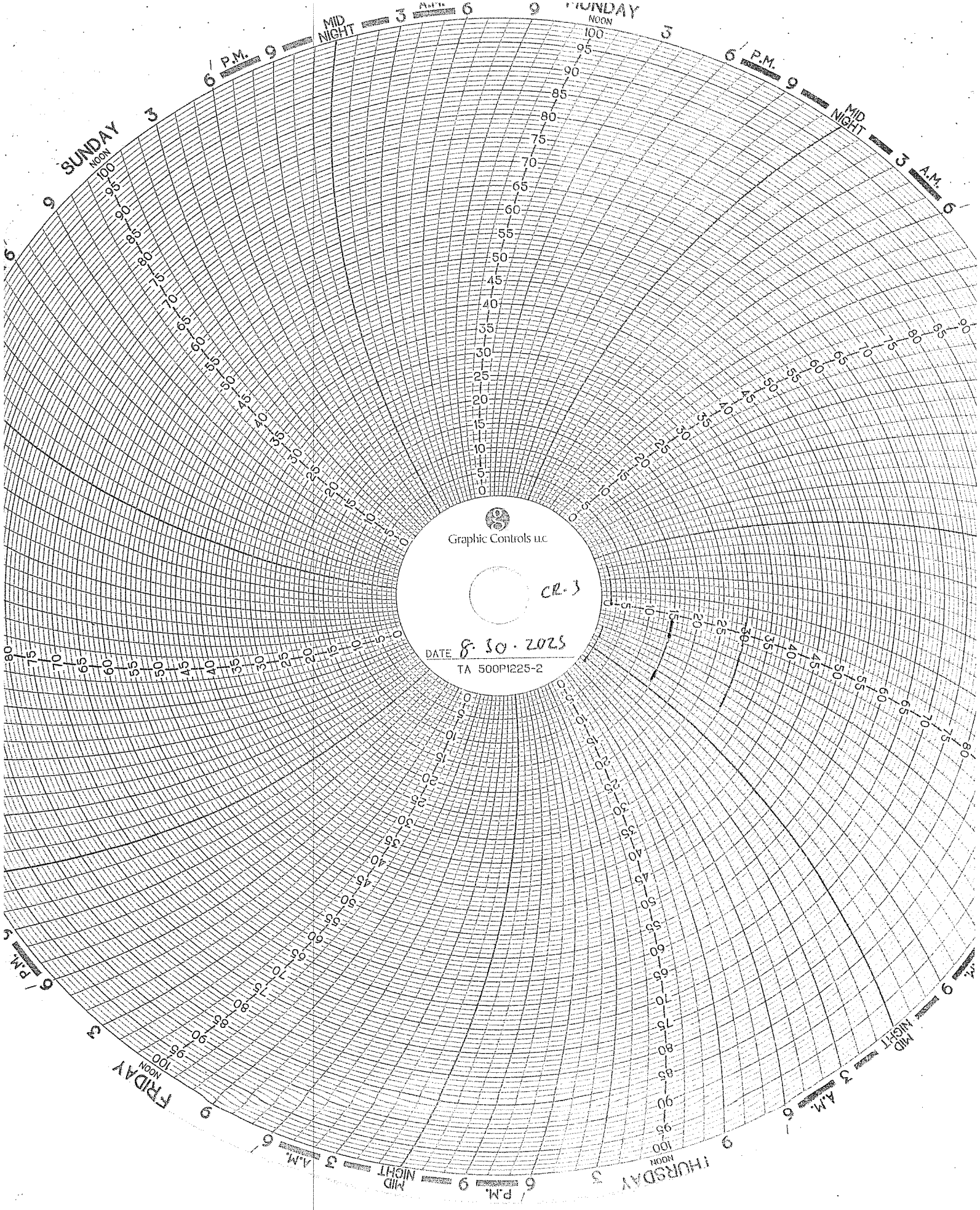
TUESDAY
THURSDAY
FRIDAY


SUNDAY
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WEDNESDAY
THURSDAY
FRIDAY
SATURDAY
NOON
MID NIGHT
A.M.
P.M.
Graphic Controls LLC
CR-3
DATE 8-30-2025
TA 500P1225-2

CORROSION MONITORING

CORROSION MONITORING PLAN
COUPON SUMMARY

Date	Hastelloy (C267)	Stainless Steel (316L)	Fiberglass (Redbox)	
12/19/2013	13.330 g	10.848 g	7.309 g	Initial Mass @ start up
2/21/2014	13.329 g	10.846 g	7.306 g	
3/10/2014	13.327 g	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	
5/30/2014	13.328 g	10.818 g	7.226 g	
6/30/2014	13.321 g	10.337 g	7.196 g	
7/11/2014	13.323 g	10.304 g	7.196 g	
8/12/2014	13.328 g	10.045 g	7.182 g	
9/17/2014	13.321 g	9.997 g	7.090 g	
10/30/2014	13.321 g	9.387 g	7.075 g	
11/21/2014	13.320 g	9.386 g	7.069 g	
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	New hastelloy coupon
3/31/2015	13.339 g	9.286 g	7.005 g	
4/27/2015	13.335 g	9.130 g	6.852 g	
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	
9/21/2015	13.336 g	8.987 g	6.792 g	
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	
2/16/2016	13.332 g	8.799 g	6.757 g	
3/31/2016	13.339 g	9.286 g	7.005 g	
4/22/2016	13.333 g	8.590 g	6.744 g	
5/31/2015	13.334 g	6.084 g	6.784 g	
6/30/2016	13.328 g	10.942 g	6.793 g	New stainless steel coupon
8/3/2016	13.326 g	10.529 g	6.743 g	
8/29/2016	13.325 g	10.020 g	6.723 g	
10/27/2016	13.325 g	8.765 g	6.708 g	
11/29/2016	13.327 g	8.571 g	6.740 g	
12/12/2016	13.323 g	8.223 g	6.717 g	
1/3/2017	13.325 g	8.059 g	6.712 g	
2/28/2017	13.324 g	7.634 g	6.727 g	
3/24/2017	13.325 g	7.370 g	6.732 g	
4/28/2017	13.325 g	6.736 g	6.736 g	
5/11/2017	13.323 g	7.352 g	6.689 g	
6/12/2017	13.323 g	7.357 g	6.689 g	
7/5/2017	13.323 g	7.355 g	6.689 g	
8/30/2017	13.324 g	7.353 g	18.105 g	New Fiberglass coupon
9/28/2017	13.325 g	7.352 g	18.060 g	
10/11/2017	13.324 g	7.350 g	18.038 g	
11/16/2017	13.325 g	7.363 g	18.047 g	
12/12/2017	13.326 g	7.308 g	18.307 g	

CORROSION MONITORING PLAN
COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	
1/29/2018	13.326 g	10.930 g	18.027 g	New stainless steel coupon
2/9/2018	13.325 g	10.932 g	18.044 g	
3/19/2018	13.325 g	10.926 g	18.030 g	
4/16/2018	13.336 g	10.863 g	18.068 g	
5/17/2018	13.325 g	10.858 g	18.037 g	
6/20/2018	13.325 g	10.855 g	18.029 g	
7/12/2018	13.326 g	10.852 g	18.032 g	
8/21/2018	13.326 g	10.854 g	18.031 g	
9/14/2018	13.326 g	10.852 g	18.036 g	
10/10/2018	13.326 g	10.851 g	18.031 g	
11/20/2018	13.326 g	10.853 g	18.032 g	
12/11/2018	13.326 g	10.852 g	18.033 g	
1/14/2019	13.326 g	10.852 g	18.033 g	
2/20/2019	13.326 g	10.850 g	18.033 g	
3/15/2019	13.326 g	10.850 g	18.033 g	
4/10/2019	13.326 g	10.848 g	18.031 g	
5/17/2019	13.326 g	10.849 g	18.036 g	
6/5/2019	13.326 g	10.848 g	18.031 g	
7/8/2019	13.326 g	10.845 g	18.032 g	
8/12/2019	13.326 g	10.845 g	18.032 g	
9/8/2019	13.326 g	10.842 g	18.029 g	
10/17/2019	13.326 g	10.842 g	18.030 g	
11/20/2019	13.326 g	10.842 g	18.030 g	
12/11/2019	13.326 g	10.842 g	18.030 g	
1/16/2020	13.326 g	10.840 g	18.033 g	
2/6/2020	13.326 g	10.836 g	18.034 g	
3/3/9/20	13.326 g	10.842 g	18.034 g	Well 1 workover new well
4/9/2020	13.328 g	10.839 g	18.037 g	
5/12/2020	13.322 g	10.830 g	18.035 g	
6/16/2020	13.316 g	10.771 g	18.009 g	
7/16/2020	13.308 g	10.560 g	17.843 g	
8/25/2020	13.310 g	10.214 g	17.773 g	
9/24/2020	13.289 g	9.796 g	17.656 g	
10/19/2020	13.282g	9.737g	17.621g	
11/5/2020	13.280g	9.728g	17.600g	
12/3/2020	13.281g	9.730g	17.689g	
2/10/2021	13.284g	9.728g	17.683g	
3/9/2021	13.290g	9.733g	17.585g	
4/13/2021	13.288g	9.730g	17.649g	
5/18/2021	13.282g	9.691g	17.543g	
6/17/2021	13.279g	9.639g	17.546g	
7/19/2021	13.278g	9.480g	17.507g	
8/3/2021	13.278g	9.437g	17.467g	
9/14/2021	13.277g	9.392g	17.467g	
Date	Hastelloy	Stainless Steel	Fiberglass	
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	

CORROSION MONITORING PLAN
COUPON SUMMARY

3/18/2022	13.281g	9.368g	17.246g	
4/18/2022	13.275	9.339	16.656	
5/16/2022	13.298	9.328	16.600	
6/15/2022	13.276	9.300	16.219	
7/20/2022	13.303	9.324	16.393	
8/17/2022	13.277	9.195	15.841	

COOROSION MONITORING COUPONS VISUAL DESCRIPTION

August 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

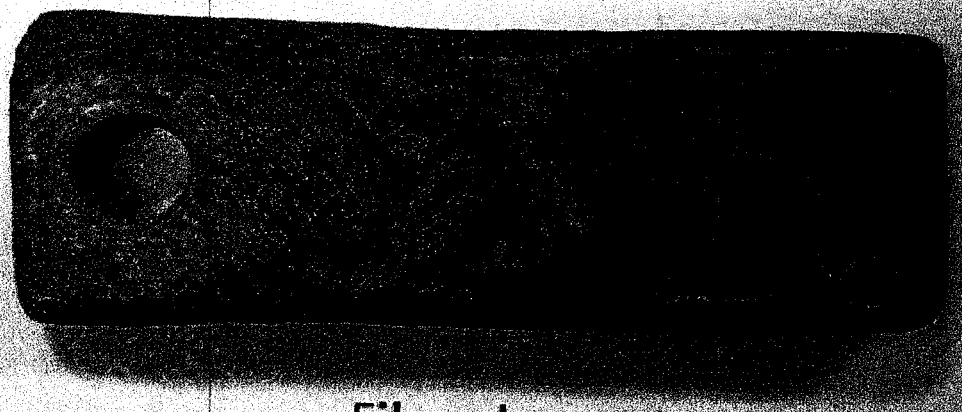
This coupon is identified as 316L / C1563. The coupon is silver in color with a lightly sandblasted texture. It is clean and has several dozen small pits on both sides of the coupon. Near the bottom of the coupon there are approximately two areas with the dimensions of 1/8 inch x 1/16 of corrosion.

There is a slight effect to this coupon.

C276 / 5

Weight: 13.274

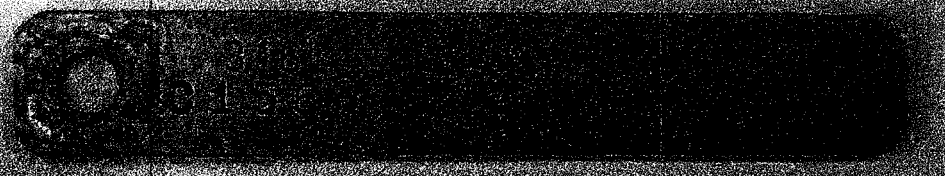
Date: 08/18/2023



Fiberglass

Weight: 15.495

Date: 08/18/2023



316L / C1563

Weight: 9.999

Date: 08/18/2023

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.

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

ACCREDITED
A Testing Lab
*Certificate Numbers 255.01 & 255.02

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

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October 22, 2015

John Frost
Environmental Geo-Technologies, LLC

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 W. Yates
Plastics Testing Assistant Manager

tc

AKRON RUBBER DEVELOPMENT LABORATORY, INC.

Progress Through Innovation, Technology and Customer Satisfaction

December 12, 2016

▪TEST REPORT▪

PN 132662

PO

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By: _____
Melissa Martin
Senior Project Technician

Approved By: _____
Jim Drummond
Physical Testing, Manager

Rev 041916

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Certificate Numbers 255.01 & 255.02

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

December 12, 2016

John Frost
Environmental Geo-Technologies, LLC

SUBJECT: Barcol Hardness on one (1) material.

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

BARCOL HARDNESS ASTM D 2583-13a
Instant Reading

	RESULTS
Barcol Hardness, Instant	96

Prepared By: Melissa Martin
Senior Project Technician

Approved By: Scott Yates
Plastics Testing, Assistant Manager

wk

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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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A Testing Lab
*Certificate Numbers 255.01 & 255.02

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

December 13, 2017

John Frost
Environmental Geo-Technologies, LLC

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

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GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

	Hardness
Specimen 1	90

Specimen is being returned with this report for further evaluation.

GHESQUIERE PLASTIC TESTING, INC.

M. W. Ghesquiere
President

MWG/kni

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Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products.
The letters and reports and the name of Ghesquiere Plastic Testing, Inc., are not to be used under any circumstances in advertising to the general public.
Samples, extra and related test materials will be destroyed 30 days after the date of the final report unless the client indicates otherwise in writing.

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

Our letters and reports are for the exclusive use of the client to whom they are addressed, and shall not be reproduced except in full without our written approval.
Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products.
The letters and reports and the name of Ghesquiere Plastic Testing, Inc., are not to be used under any circumstances in advertising to the general public.
Samples, extra and related test materials will be destroyed 30 days after the date of the final report unless the client indicates otherwise in writing.

GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

	Hardness
Specimen 1	85

Specimen was returned to the client June 16, 2014.

GHESQUIERE PLASTIC TESTING, INC.

M. W. Ghesquiere
President

MWG/dm

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Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products.
The letters and reports and the name of Ghesquiere Plastic Testing, Inc., are not to be used under any circumstances in advertising to the general public.
Samples, extra and related test materials will be destroyed 30 days after the date of the final report unless the client indicates otherwise in writing.

October 2, 2014

TEST REPORT

PN 118325

PO Attn:John Frost

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By: _____
Melissa Martin
Sr. Project Technician

Approved By: _____
Jim Drummond
Physical & Plastics Testing, Manager

ACCREDITED
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*Certificate Numbers 255.01 & 255.02

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Toll Free (800) 830-ARDL | Worldwide (330) 794-6600 | Fax (330) 794-6610

October 2, 2014

John Frost
Environmental Geo-Technologies, LLC

SUBJECT: Barcol Hardness on one material.
PO# Attn;John Frost

RECEIVED: One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

	Results
Barcol Hardness, Instant	97

Prepared By: Melissa Martin
Sr. Project Technician

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Approved By: Scott W. Yates
Plastics Testing Assistant Manager

BARCOL HARDNESS REPORT

Customer: Republic Industrial and Energy Solutions, LLC

Component Tested: Test Coupon

PO Number: 9575553 **Job Number:** 3415

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

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

Tested By: _____
(signature)

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

BARCOL HARDNESS REPORT

Customer: Republic Industrial and Energy Solutions, LLC

Component Tested: Test Coupon

PO Number: 10159792 **Job Number:** 3556

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

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

Tested By: _____
(signature)

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

BARCOL HARDNESS REPORT

Customer: Republic Industrial and Energy Solutions

Component Tested: Fiberglass Coupon

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

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

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

Tested By: (signature)

Gary Nicholson
(print or type name)

Date: 08/23/2022

MAINTENANCE

UIC Monthly Maintenance Log

8/18/2023	Well 1&2	Replaced and calibrated new pH probe

INJECTION FINGERPRINTS

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	07 / 1 / 23
Receiving ID#	I0801230 1
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:37
Time out	
Received by	
Sampled by	Carey Parks

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.94
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.2
Conductivity	40.3 mS
% Solids	1.31
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 1 / 23
Receiving ID#	E080123 02
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:55
Time out	
Received by	
Sampled by	A. Warkup

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	4.97
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	80.2
Conductivity	48.0
% Solids	1.98
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 01 / 23
Receiving ID#	J080123-03
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:34
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.)	6.79
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.7
Conductivity	44.8mS
% Solids	1.72
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 01 / 23
Receiving ID#	I08012304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:00
Time out	
Received by	J.M.H
Sampled by	J.M.H

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140 °F
pH (S.U.)	6.54
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	76.3
Conductivity	23.6 mS
% Solids	0.75%
Turbidity	Yes No
Color	Dark green
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JMHartman

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 2 / 23
Receiving ID#	I0802230 1
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:37
Time out	
Received by	
Sampled by	A. Watkins

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.50
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.3
Conductivity	35.5 ms
% Solids	1.02
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 2 / 23
Receiving ID#	I08022302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:29
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.)	6.64
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	80.0
Conductivity	44.1 mS
% Solids	1.53
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 2 / 23
Receiving ID#	I080223 03
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:19
Time out	
Received by	
Sampled by	A. Warlye

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.21
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	22.4
Conductivity	48.4 mS
% Solids	2.64
Turbidity	Yes No
Color	
TSS (%)	0.25
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 02 / 23
Receiving ID#	208022304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:00
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.30
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	80.2 F
Conductivity	41.3 mS
% Solids	1.68 %
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JMH

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 3 / 23
Receiving ID#	I0803 2301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:24
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.)	6.48
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.6
Conductivity	45.5 mS
% Solids	1.58
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 08 / 23
Receiving ID#	1080323303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:08
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.)	7.46
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.6
Conductivity	27.7 mS
% Solids	0.09
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 03 / 23
Receiving ID#	T08032303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:40
Time out	TT
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7140
pH (S.U.)	6.75
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.9
Conductivity	37.8 mS
% Solids	% 1.72
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JOMMMMM

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 4 / 23
Receiving ID#	I08042301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:39
Time out	
Received by	
Sampled by	Corey Parks II

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.61
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.09
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.7
Conductivity	45.4 mS
% Solids	1.70
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 4 / 23
Receiving ID#	IU8042302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:07
Time out	
Received by	
Sampled by	A. Vargo

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	4.34
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	76.6
Conductivity	50.2 mS
% Solids	2.64
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 04 / 23
Receiving ID#	I0804 330
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:15
Time out	
Received by	
Sampled by	Jim Fowler

LAB INFORMATION	
Compatible? (RT#)	Y
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	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	80.3
Conductivity	43.6mS
% Solids	1.79
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 04 / 23
Receiving ID#	I08042304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:00
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.50
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	81.4 °F
Conductivity	44.8 mS
% Solids	2.76 %
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 5 / 23
Receiving ID#	I080523D
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:57
Time out	
Received by	
Sampled by	T.G.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.67
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.3
Conductivity	45.7 mS
% Solids	2.59
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 7 / 23
Receiving ID#	I 080723(1)
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:55
Time out	
Received by	
Sampled by	N.E.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>148
pH (S.U.)	6.91
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.6
Conductivity	32.4 mS
% Solids	1.39
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 7 / 23
Receiving ID#	308072350
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:46
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.)	6.20
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.0
Conductivity	59.4 mS
% Solids	2.82
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 07 / 23
Receiving ID#	I080723a3
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:38
Time out	
Received by	
Sampled by	Todd Hewett

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	4.11
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	L
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	24.3
Conductivity	41.4 mS
% Solids	3.41
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 07 / 23
Receiving ID#	I080723304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:00
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7140
pH (S.U.)	6.70
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.8 °F
Conductivity	46.1 mS
% Solids	1.410 %
Turbidity	Yes No
Color	Dark Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JMH

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 07 / 23
Receiving ID#	I08072305
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:30
Time out	
Received by	JMM
Sampled by	JMM

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.24
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.08
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	78.60 °F
Conductivity	80.9 mS
% Solids	4.76 %
Turbidity	Yes No
Color	Green
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 8 / 23
Receiving ID#	I080823 01
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	06:31
Time out	
Received by	
Sampled by	A. Warino

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.21
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.0
Conductivity	47.3
% Solids	1.97
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed) Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 08 / 23
Receiving ID#	108082302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	1027
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.)	4.96
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.06
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.0
Conductivity	67.8
% Solids	2.87
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed) Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 08 / 23
Receiving ID#	I0908 7303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:12
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)	>140
pH (S.U.)	3.77
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.054
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	76.1
Conductivity	50.0 mS
% Solids	2.19
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 08 / 23
Receiving ID#	108082304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:20
Time out	
Received by	JMY
Sampled by	JMY

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	12.57
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	78.1 °F
Conductivity	68.3 mS
% Solids	3.61 %
Turbidity	Yes No
Color	Green
TSS (%)	~~<0.1~~ 2.18%
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 09 / 23
Receiving ID#	708092303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	06:20
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.)	1.21
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.6
Conductivity	80.4 mS
% Solids	1.60
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 08 / 23
Receiving ID#	I08092302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:34
Time out	
Received by	
Sampled by	Clovey Parker

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.13
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	76.4
Conductivity	48.2
% Solids	1.55
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 09 / 23
Receiving ID#	I08092303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1553
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.)	5.84
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.3
Conductivity	41.2 mS
% Solids	1.75
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 09 / 23
Receiving ID#	I08092304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:36
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)	>140
pH (S.U.)	6.57
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.8
Conductivity	49.6
% Solids	3.7%
Turbidity	Yes No
Color	
TSS (%)	<0.1%
Radiation Screen (as needed)	
Lab Signature/Initials	Dalton M

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 09 / 23
Receiving ID#	I080423305
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	22:00
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)	>140
pH (S.U.)	6.30
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.0
Conductivity	42.1
% Solids	1.2%
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1%
Radiation Screen (as needed)	
Lab Signature/Initials	Dalton M

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 10 / 23
Receiving ID#	2081023 01
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:14
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.)	7.19
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.6
Conductivity	39.8 mS
% Solids	1.33
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 10 / 23
Receiving ID#	20812230 02
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	1417
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.)	7.04
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.0
Conductivity	33.7 ms
% Solids	0.95
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 16 / 23
Receiving ID#	I08102309
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:54
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.)	6.76
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.5
Conductivity	46.5 mS
% Solids	1.14
Turbidity	Yes No
Color	
TSS (%)	< 0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 10 / 23
Receiving ID#	RI8102304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:35
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)	>140
pH (S.U.)	6.46
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	80.7
Conductivity	58.3
% Solids	2.8%
Turbidity	Yes No
Color	
TSS (%)	<0.1%
Radiation Screen (as needed)	
Lab Signature/Initials	Dalton M

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 11 / 23
Receiving ID#	I08112301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:04
Time out	
Received by	
Sampled by	Carey Parks

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.90
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.7
Conductivity	47.1 mS
% Solids	1.010
Turbidity	Yes No
Color	
TSS (%)	50.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 11 / 23
Receiving ID#	I08112302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:50
Time out	
Received by	
Sampled by	Cgrey Parker

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.64
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.0
Conductivity	41.4 ms
% Solids	0.89
Turbidity	Yes No
Color	
TSS (%)	20.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 14 / 23
Receiving ID#	I08 14 23 01
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:33
Time out	
Received by	
Sampled by	A. Wordyo

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.53
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.9
Conductivity	33.7 ms
% Solids	1.21
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 14 / 23
Receiving ID#	I081423 02
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:35
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.)	5.66
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.3
Conductivity	50.4 mS
% Solids	0.83
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 14 / 23
Receiving ID#	I08 14 23 03
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:23
Time out	
Received by	
Sampled by	A. Warlix

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	
pH (S.U.)	6.47
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	78.2
Conductivity	50.7mS
% Solids	0.71
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 14 / 23
Receiving ID#	I08142304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:00
Time out	
Received by	JMH
Sampled by	JMH

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	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	78.4 F
Conductivity	55.9
% Solids	0.77%
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JOHNSTON

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 14 / 23
Receiving ID#	108142305
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:30
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.77
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.4 °F
Conductivity	45.3 m/S
% Solids	1.11 %
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 14 / 23
Receiving ID#	I0814 23 01
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0633
Time out	
Received by	
Sampled by	J. D.B

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.84
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.2
Conductivity	45.4 mS
% Solids	1.31
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 15 / 23
Receiving ID#	Z0815 2302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:41
Time out	
Received by	
Sampled by	A. Working

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.71
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.6
Conductivity	46.5
% Solids	1.61
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 15 / 23
Receiving ID#	20815230 3
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:45
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.56
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.9 °F
Conductivity	252 mS
% Solids	<0.1 %
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 16 / 23
Receiving ID#	I08162301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:00
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.)	6.38
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.0
Conductivity	18.75
% Solids	0.71
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 16 / 23
Receiving ID#	T 0816230
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:13
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.)	4.31
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.6
Conductivity	49.2 mS
% Solids	2.71
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 16 / 23
Receiving ID#	I0416 2307
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:47
Time out	
Received by	
Sampled by	

5557

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.91
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.7
Conductivity	68.7
% Solids	2.59
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 16 / 23
Receiving ID#	I08162304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:47
Time out	
Received by	
Sampled by	A. Worling

LAB. INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.11
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.8
Conductivity	54.3
% Solids	47%
Turbidity	Yes No
Color	
TSS (%)	<0.1%
Radiation Screen (as needed)	
Lab Signature/Initials	Dothan M

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 16 / 23
Receiving ID#	I 08 16 23 05
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	22:45
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)	>140
pH (S.U.)	7.68
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.5
Conductivity	48.3
% Solids	2.100
Turbidity	Yes No
Color	
TSS (%)	<0.100
Radiation Screen (as needed)	
Lab Signature/Initials	Dalton M

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 17 / 23
Receiving ID#	I 081723 (1)
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	07:49
Time out	
Received by	
Sampled by	T.G

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	7.71
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.9
Conductivity	47.6mS
% Solids	1.59
Turbidity	(Yes) No
Color	Black
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 17 / 23
Receiving ID#	I08172302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	

SST-1

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.75
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.0
Conductivity	59.8 mS
% Solids	1.03
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 17 / 23
Receiving ID#	208172303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:30
Time out	
Received by	
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.32
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.0
Conductivity	63.2 mS
% Solids	3.14
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 17 / 23
Receiving ID#	108172304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:30
Time out	
Received by	JMJ
Sampled by	JMJ

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140 °F
pH (S.U.)	7.34
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	79.9 °F
Conductivity	45.6 MS
% Solids	1.36 %
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 18 / 23
Receiving ID#	I08182301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:34
Time out	
Received by	
Sampled by	Chris Parker

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.44
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.0
Conductivity	50.4 mS
% Solids	2.25
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 18 / 23
Receiving ID#	I081823 02
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:16 AM
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.)	6.39
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.8
Conductivity	50.5 mS
% Solids	2.74
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 18 / 23
Receiving ID#	I08182303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:30
Time out	
Received by	JMY
Sampled by	JMY

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140°F
pH (S.U.)	5.49
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.2°F
Conductivity	51.9 mS
% Solids	1.13 %
Turbidity	Yes No
Color	Black
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JMY

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 19 / 23
Receiving ID#	I08192301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:30
Time out	
Received by	A. Worley
Sampled by	A. Worley

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140°
pH (S.U.)	1.39
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.2
Conductivity	30.8
% Solids	.031
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	A. Worley

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 21 / 23
Receiving ID#	Z082123 01
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:06
Time out	
Received by	
Sampled by	A. Wartio

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.59
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.8
Conductivity	51.2 mS
% Solids	1.78
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 21 / 23
Receiving ID#	I0821 2302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:54
Time out	
Received by	J. [illegible]
Sampled by	Gary Parkson

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.) 0.77	~~1.02~~ 1.24
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.9
Conductivity	630 mS
% Solids	1.02
Turbidity	Yes No
Color	
TSS (%)	<0.4
Radiation Screen (as needed)	
Lab Signature/Initials	J. [illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 21 / 23
Receiving ID#	I082123 03
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	2:10
Time out	
Received by	
Sampled by	Corey Parker

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.68
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.8
Conductivity	38.0 mS
% Solids	1.32
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / / 23
Receiving ID#	I08212304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:00
Time out	
Received by	TMM
Sampled by	TMM

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140°F
pH (S.U.)	7.08
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.7°F
Conductivity	43.1 mS
% Solids	1.1%
Turbidity	Yes No
Color	Black
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 22 / 23
Receiving ID#	T 08222301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:30
Time out	
Received by	J. Nah
Sampled by	T.G.

SST)

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.52
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.05
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.1
Conductivity	69.3
% Solids	4.87
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	J. Nah

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 22 / 23
Receiving ID#	I08222307
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:10
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.)	6.25
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.1
Conductivity	50.3
% Solids	2.70
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 22 / 23
Receiving ID#	208222303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:45
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)	>140
pH (S.U.)	4.34
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.6
Conductivity	53.4 ms
% Solids	2.20
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 22 / 23
Receiving ID#	I08222304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:30
Time out	
Received by	JMM
Sampled by	JMM

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	4.41
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	75.4
Conductivity	38.1 mS
% Solids	0.85%
Turbidity	Yes No
Color	Green
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JOHNSON

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 23 / 23
Receiving ID#	I08232301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	T.G

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.22
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.0
Conductivity	33.4
% Solids	2.75
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 23 / 23
Receiving ID#	I08232302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:30
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.)	4.95
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.7
Conductivity	53.2 mS
% Solids	1.64
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 23 / 23
Receiving ID#	I08232303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. Dhan
Sampled by	A. Warlip

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.28
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.2
Conductivity	51.2 mS
% Solids	1.22
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 25 / 23
Receiving ID#	I08242301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	A. Warlick

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.31
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.3
Conductivity	102-805
% Solids	23.3
Turbidity	Yes No
Color	
TSS (%)	<2
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 24 / 23
Receiving ID#	Z08 24 23 02
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:35
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.)	3.71
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.2
Conductivity	3.08
% Solids	0.33
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	R08242302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:30
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)	>140
pH (S.U.)	2.59
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.01
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	76.0
Conductivity	30.4 mS
% Solids	0.61
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 24 / 23
Receiving ID#	108242304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:00
Time out	
Received by	JMM
Sampled by	JMM

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.08
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	77.6
Conductivity	36.0 ms
% Solids	
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 25 / 23
Receiving ID#	I08252301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:47
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.)	1.56
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	23.3
Conductivity	591 mS
% Solids	1.58
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 25 / 23
Receiving ID#	I08252302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:40
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.)	1.54
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.8
Conductivity	101.3 mS
% Solids	1.77
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 25 / 23
Receiving ID#	T082523 03
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	12:35
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.)	1.76
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.9
Conductivity	39.2 mS
% Solids	1.65
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 25 / 23
Receiving ID#	108252304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:00
Time out	
Received by	
Sampled by	SMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.73
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.5
Conductivity	43.8 mS
% Solids	1.14
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 25 / 23
Receiving ID#	I08252305
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:00
Time out	
Received by	JMY
Sampled by	JMY

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	3.74
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.5°F
Conductivity	25.2
% Solids	0.607 %
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 21 / 23
Receiving ID#	F08~~2~~2301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:36
Time out	
Received by	Todd Hamm
Sampled by	Carey Parks

LAB INFORMATION	
Compatible? (RT#)	Yes
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.57
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.8
Conductivity	59.7
% Solids	1.20
Turbidity	Yes No
Color	Colorless
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Todd Hamm

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 26 / 23
Receiving ID#	I082623 02
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:00
Time out	
Received by	A. Wartes
Sampled by	A. Wartes

LAB INFORMATION	
Compatible? (RT#)	Y
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140°
pH (S.U.)	1.61
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.5°
Conductivity	47.5
% Solids	.733
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	A. Wartes

RECEIVING & APPROVAL FORM

SST-1

RECEIVING INFORMATION	
Date	08 / 26 / 23
Receiving ID#	I08262303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:05
Time out	
Received by	Todd Hardt
Sampled by	Todd Hardt

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.33
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.2
Conductivity	107.9
% Solids	2.83
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Todd Hardt

RECEIVING & APPROVAL FORM

SST-1

RECEIVING INFORMATION	
Date	08 / 26 / 23
Receiving ID#	I08262304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:40
Time out	
Received by	Todd Garrett
Sampled by	Todd Garrett

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.65
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.3
Conductivity	53.4
% Solids	.88
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Todd Garrett

RECEIVING & APPROVAL FORM

SST-1

RECEIVING INFORMATION	
Date	08 / 26 / 23
Receiving ID#	I08262305
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:32
Time out	
Received by	Todd Barnett
Sampled by	Todd Barnett

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.22
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	75.6
Conductivity	30.1
% Solids	1.25
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Todd Barnett

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 27 / 23
Receiving ID#	I 0827230
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	0700
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.)	1.49
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.3
Conductivity	49.0
% Solids	1.28
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 27 / 23
Receiving ID#	308272202
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:11
Time out	
Received by	
Sampled by	

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.24
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.1
Conductivity	29.9 mS
% Solids	0.899
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

SST-1

RECEIVING INFORMATION	
Date	08 / 27 / 23
Receiving ID#	I08272303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:30
Time out	
Received by	Todd Hamett
Sampled by	Todd Hamett

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.53
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	~~75.0~~ 72.6
Conductivity	31.8
% Solids	.65
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Todd Hamett

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 27 / 23
Receiving ID#	I082723-04
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:00
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.91
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.4 °F
Conductivity	27.3 mS
% Solids	0.83 %
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 27 / 23
Receiving ID#	L08272305
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:00
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.84
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.7 °F
Conductivity	27.7 mS
% Solids	0.62%
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 28 / 23
Receiving ID#	I08282301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	8:46
Time out	
Received by	
Sampled by	Clarcy Parks

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	6.54
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.3
Conductivity	28.5 mS
% Solids	1.08
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 28 / 23
Receiving ID#	I082823 02
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:39
Time out	
Received by	
Sampled by	A. Warty

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.56
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	69.6
Conductivity	56.8 mS
% Solids	1.44
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 26 / 23
Receiving ID#	I08262303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:37
Time out	
Received by	Todd Hammett
Sampled by	Todd Hammett

SST-1

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	2.91
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.3
Conductivity	28.3 mS
% Solids	0.72
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 28 / 23
Receiving ID#	108282304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:00
Time out	
Received by	JNM
Sampled by	D.M

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	3.45
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	74.1
Conductivity	30.7 ms
% Solids	0.37%
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	I09292301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	06:30
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.)	1.23
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.1
Conductivity	893 mS
% Solids	1.53
Turbidity	Yes No
Color	
TSS (%)	10.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	I08292302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	10:17
Time out	
Received by	
Sampled by	A. Warling

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.65
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.1
Conductivity	43.5 mS
% Solids	0.95
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	I08292303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:32
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.)	0.83
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.0
Conductivity	166.5 mS
% Solids	2.90
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	Z08292304
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:03
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.)	1.52
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.5
Conductivity	49.7 mS
% Solids	1.15
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	I08292305
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:18
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)	>140
pH (S.U.)	1.64
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.9
Conductivity	49.2mS
% Solids	1.66
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	I08292306
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	17:40
Time out	
Received by	JMH
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7140
pH (S.U.)	1.21
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	75.9
Conductivity	58.8 mS
% Solids	1.26 %
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Jennifer

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 29 / 23
Receiving ID#	I08292307
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:30
Time out	
Received by	JMH
Sampled by	JMH

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.42
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	75.1 °F
Conductivity	67.0 ms
% Solids	1.27%
Turbidity	Yes No
Color	Black
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JEWEITSON

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	I08302301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	7:16
Time out	
Received by	
Sampled by	Corey Parks II

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.40
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.4
Conductivity	4.15 mS
% Solids	1.43
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed) Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	I08302302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:54
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.)	1.53
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.9
Conductivity	43.2 mS
% Solids	19.4
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	T083023 03
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:12
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.)	1.60
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.04
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.5
Conductivity	45.4 mS
% Solids	1.99
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	I08 30 23 04
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	13:00
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.)	1.56
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.5
Conductivity	35.1
% Solids	1.08
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	I083023-05
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	15:15
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)	>140
pH (S.U.)	1.22
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	73.3
Conductivity	65.1
% Solids	1.52
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	I08302306
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	19:00
Time out	
Received by	JMM
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT#)	Y
PCBs (ppm) (Oily Waste Only)?	N/A
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	3.98
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	73.8 °F
Conductivity	23.7 mS
% Solids	<0.1
Turbidity	Yes No
Color	Brown
TSS (%)	<0.1
Radiation Screen (as needed)	Neg
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	I083023.07
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	20:15
Time out	
Received by	JMH
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.75
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.9
Conductivity	39.2 mS
% Solids	0.47 %
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	NRD
Lab Signature/Initials	JMH

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 30 / 23
Receiving ID#	208302308
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	22:15
Time out	
Received by	JMP
Sampled by	Dalton M

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	3.74
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	(Yes) No
Oil in Sample?	Yes (No)
Temperature (F)	72.8 F
Conductivity	22.9 mS
% Solids	0.57%
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JDALTON

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	I08312301
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	6:18
Time out	
Received by	
Sampled by	Carey Parks

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.43
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.4
Conductivity	16.79
% Solids	1.51
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	I08312302
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	9:13
Time out	
Received by	
Sampled by	A. Ward

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	5.41
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	70.9
Conductivity	17.27 mS
% Solids	3.1
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

SST-1

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	I0831 2303
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	11:20
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.)	1.41
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.03
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.7
Conductivity	34.2
% Solids	1.33
Turbidity	Yes No
Color	
TSS (%)	<0
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	I083123-04
Manifest # - Line	
Land Ban Cert included	Yes - No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	14:26
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)	>140
pH (S.U.)	2.41
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.09
Physical Description	
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	71.9
Conductivity	21.1 mS
% Solids	1.05
Turbidity	Yes No
Color	
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	I083123308
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	22:30
Time out	
Received by	JMH
Sampled by	Dalton M

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140 F
pH (S.U.)	6.15
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.6 F
Conductivity	22.5 mS
% Solids	1.46 %
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	JeWarram

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	I083123-07
Manifest # Line	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	21:00
Time out	
Received by	JMH
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	> 140
pH (S.U.)	1.73
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.5 °F
Conductivity	32.1 ms
% Solids	0.53%
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	Johnson

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	Z0831230 6
Manifest # - Line	
Land Ban Cert included	Yes - No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	18:30
Time out	
Received by	JMH
Sampled by	Dalton M.

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	7 140
pH (S.U.)	5.87
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.9 °F
Conductivity	23.4 mS
% Solids	1.43 %
Turbidity	Yes No
Color	Clear
TSS (%)	<0.2
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	08 / 31 / 23
Receiving ID#	R083123 05
Manifest # - Line	
Land Ban Cert included	Yes - No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	16:15
Time out	
Received by	JMM
Sampled by	Dalton M

LAB INFORMATION	
Compatible? (RT#)	
PCBs (ppm) (Oily Waste Only)?	
TOC ppm (CC Waste Only)?	
Flash Point (F)	>140
pH (S.U.)	1.87
Cyanides? (mg/L)	
Sulfides? (ppm)?	
Specific Gravity	1.02
Physical Description	~~1.02~~ Liquid
Stream Consistency	Yes No
Oil in Sample?	Yes No
Temperature (F)	72.1 F
Conductivity	30.6 mS
% Solids	0.85 %
Turbidity	Yes No
Color	Clear
TSS (%)	<0.1
Radiation Screen (as needed)	
Lab Signature/Initials	[illegible]

WASTE PROFILES

Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 64402312485	**Expiration Date** 8/24/2024

I. Decision Request: ☑ Initial ☐ Recertification ☐ Change

Disposal Facility: 6440 - Detroit Ind Well

Generator Name: WAYNE DISPOSAL INC

Generator Site Address: 49350 NORTH I-94 SERVICE DRIVE

City: BELLEVILLE **County:** **State:** MI **Zip:**

Name of Waste: WATER POND - NON CONTACT

Estimated Annual Volume: 200,000 Gallons

II. Special Waste Department Decision: ◉ Approved ○ Rejected

Management Method(s): ☐ Landfill ☐ Solidification ☐ Bioremediation ☑ Deep Well ☐ Transfer Facility

Problematic Special Waste according to Republic? ○ Yes ◉ No

If yes, which one?

Approved by Special Waste Review Committee? ○ Yes ○ No ◉ Not Applicable

Precautions, Conditions or Limitations on Approval

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

Special Waste Analyst Signature: _____ **Name (Printed):** KEITH DIAMANTI

Date: 8/24/2023

III. Facility Decision: ○ Approved ○ Rejected

Precautions, Conditions or Limitations on Approval

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

General Manager or Designee: _____ **Name (Printed):** John Barton

Date: 8/24/2023

John Barton 08-24-23

Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 6440236139	**Expiration Date** 4/27/2024	
I. Decision Request:	☑ **Initial** ☐ **Recertification** ☐ **Change**		

Disposal Facility: 6440 - Detroit Ind Well
Generator Name: TERRAPURE BR LTD
Generator Site Address: 1200 RUE GARNIER

City: VILLE STE-CATHERINE	**County:**	**State:** QUE	**Zip:**

Name of Waste: BATTERY ACID
Estimated Annual Volume: 800,000 Gallons

II. Special Waste Department Decision: ◉ **Approved** ○ **Rejected**

Management Method(s): ☐ Landfill ☐ Solidification ☐ Bioremediation ☑ Deep Well ☐ Transfer Facility

Problematic Special Waste according to Republic? ○ Yes ◉ No

If yes, which one?

Approved by Special Waste Review Committee? ○ Yes ○ No ◉ Not Applicable

Precautions, Conditions or Limitations on Approval

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

Special Waste Analyst Signature: _____ **Name (Printed):** KEITH DIAMANTI
Date: 5/2/2023

III. Facility Decision: ● **Approved** ○ **Rejected**

Precautions, Conditions or Limitations on Approval

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

General Manager or Designee: _____ **Name (Printed):** John Frost
Date: [redacted]
8-2-23

DocuSign Envelope ID: EB68BE80-0C15-4DBE-B11A-DC5D6E2246DC

Republic Industrial and Energy Solutions, LLC
28470 Citrin Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002

GENERATOR WASTE PROFILE

Profile # 6440236139

GENERATOR INFORMATION

Name: Terrapure BR Ltd USEPA ID #

Facility Address: 1200 rue Garnier SIC/NAICS Code: State Code:

City: Ville Ste-Catherine State: QUEBEC Zip Code: J5C 1B4

Contact: Annie Duguay Title: Buyer Cap Projects Phone: (450) 633-4433 Fax: ( )

BILLING INFORMATION ☑ SAME AS ABOVE

Company Name: Terrapure BR Ltd

Address:

City: State: Zip Code:

Attention: Title: Phone: ( ) Fax: ( )

WASTE INFORMATION

Name of Waste/Common Chemical Name:
BATTERY ACID

Process Generating Waste (Please *be specific, incomplete information may delay the approval process*):
Sulfuric Acid drained from lead acid batteries prior to recycling operations.

USEPA / STATE WASTE IDENTIFICATION

1. This waste is considered to be: ☐ Non Hazardous Liquid Industrial Waste ☑ Hazardous Waste
2. Regulated by TSCA? ☐Yes ☑No (PCBs, etc.)
3. List ALL Applicable Waste Codes: D002 D006 D008

PHYSICAL CHARACTERISTICS OF WASTE

Color:	Suspended Solids		Layers:	Specific Gravity:	
☑ White/Clear	☑ 0-1 %	☐ 3-5 %	☐ Multi layered	☐ <0.8	☑ 1.0 — 1.2
☐ Black/Brown	☑ 1-3 %	☐ > 5%	☑ Bi-Layered	☐ 0.8 — 1.0	☐ 1.3 — 1.4
☐ Other			☑ Single Phase	Exact / Other	

pH: ☐NA ☑ < 2 ☐ 2 — 4 ☐ 4 — 6 ☐ 6 — 8 ☐ 8-10 ☐ 10 — 12.5 ☐ >12.5

Liquid Flash Point: ☐ <73°F ☐ 73—100°F ☐ 101—140°F ☐ 141—200°F ☐ >200°F ☑ None ☐ Closed Cup ☐ Open Cup

VOC CONCENTRATION - 0 PPM (MUST BE COMPLETED)

TOTAL COMPOSITION OF WASTE - *MUST BE EQUAL TO* OR *GREATER THAN 100% (LIST EACH CONSTITUENT <>1= 0.1%)*

CONSTITUENT	MAX	MIN		CONSTITUENT	MAX	MIN	
Water	99	80	%				%
Sulfuric Acid	20	10	%				%
Solids	3	0	%				%

Metals: Indicate if this waste contains any of the following metals
If Generator knowledge-provide backup ☐ Lab Analysis ☑ Generator Knowledge ☑ TCLP ☐ TOTAL

	Not Present	Concentration		Not Present	Concentration
PCB	☑	ppm	Aromatic Amine	☑	__ppm
Dioxins	☑	ppm	Pesticides	☑	__ppm
Cyanides Reactive	☑	ppm	Rodenticides	☑	__ppm
Cyanides Total	☑	ppm	Fungicides	☑	__ppm
Sulfides Reactive	☑	ppm			
Sulfides Total	☑	ppm			

Arsenic (As)	D004	☑ <5	ppm		ppm
Barium (Ba)	D005	☑ <100	ppm		ppm
Cadmium (Cd)	D006	☐ <1	ppm	>1	ppm
Chromium (Cr)	D007	☑ <5	ppm		ppm
Lead (Pb)	D008	☐ <5	ppm	>5	ppm
Mercury (Hg)	D009	☑ <0.2	ppm		ppm
Selenium (Se)	D010	☑ <1	ppm		ppm
Silver (Ag)	D011	☑ <5	ppm		ppm

TCLP Organics D012 — D043 above regulatory limits: Present ☐ Not Present ☐

IS WASTE ANY OF THE FOLLOWING? *At Least One Box Must Be Checked.*

☐ Radioactive ☐ Water Reactive ☐ Oxidizer ☐ Shock Sensitive ☐ Reactive (other) ☐ DOT Explosives
☐ NIOSH Human-Positive Carcinogens ☐ NESHAP Wastes (Benzene, etc.) ☐ Biological ☑ None Apply

SHIPPING INFORMATION

1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? ☑ Yes ☐ No
2. Reportable Quantity (RQ) in pounds_____
3. DOT Shipping Name WASTE SULFURIC ACID, SPENT Hazard Class 8 UN/NA 1832

PG II ERG 157 Hazardous Constituents for "n.o.s." _____

4. Method of Shipment: ☑ Bulk Tanker ☐ Vac truck ☐ Rail Car ☐ Drums ☐ Totes
5. Number of Units to Ship Now 6,000 USG 6. Anticipated Volume / Units per Year: 800,000 USG or ☐ One Time
6. Special Handling Requirements including PPE:

CERTIFICATION STATEMENT

I hereby represent and warrant that I have personally examined and am familiar with the information contained and submitted in this and all attached documents. Based on my inquiry and personal knowledge of those individuals responsible for supplying or obtaining the information, the information contained herein is true, accurate, and complete to the best of my knowledge and belief. Furthermore, no material fact has been omitted as to make this information misleading. I understand that others may rely on this representation and warranty in the handling and processing of the waste material described herein.

If this box is checked ☐ I request Republic Industrial & Energy Solutions not to correct any inconsistencies. Any corrections Republic Industrial & Energy Solutions makes will be consistent with the results of the sample characterization and/or regulatory requirements.

Printed Name: ANNIE DUGUAY Title: PURCHASING

Generator's Signature: _____ Date: 4/27/2023

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS:

PLEASE collect a representative 1-quartsample of the waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative sample is one obtained using any of the applicable sampling methods cited in 40 CFR 261-Appendix 1. Fill in the sampling information in the spaces provided below. If you have problems obtaining a representative sample of your waste, please contact your Republic Industrial & Energy Solutions representative.

1._____ 2._____
SAMPLING METHOD COLLECTION POINT

3._____
SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER

4. Sample No._____ Preservation: Yes ☐ No ☐

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

Relinquished by: (Signature)	*Date*	*Time*	Received by: (Signature)	Date	Time

F039 Analysis

F039 Analysis

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/25/2023 3:34:44 PM

JOB DESCRIPTION

Republic Industrial and Energy Solutions - F039

JOB NUMBER

190-32545-1

Eurofins Michigan
10448 Citation Drive
Suite 200
Brighton MI 48116

See page two for job notes and contact information.

my EOL

Eurofins Michigan

Job Notes

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

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

Authorization

Sue Schafer

Generated
9/25/2023 3:34:44 PM

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

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Sample Summary

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

Job ID: 190-32545-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
190-32545-1	August F039 Composite	Water	08/31/23 00:00	09/01/23 15:45

Preliminary Data

Job ID: 190-32545-1

Laboratory: Eurofins Michigan

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Narrative

Job Narrative
190-32545-1

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

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

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

Receipt
The sample was received on 9/1/2023 3:45 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 21.0°C

GC/MS Semi VOA
Method 8270E: The following sample was diluted due to the nature of the sample matrix: August F039 Composite (190-32545-1). Elevated reporting limits (RLs) are provided.

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

Pesticides
Method 8081B: The following sample was diluted due to the nature of the sample matrix: August F039 Composite (190-32545-1). As such, surrogate recoveries may be below the calibration range, and elevated reporting limits (RLs) are provided.

Method 8081B: The following sample required a dilution due to the nature of the sample matrix: August F039 Composite (190-32545-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8081B: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: August F039 Composite (190-32545-1). The Method Blank and Laboratory Control Sample were also subject to TBA clean-up.

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

Client Sample Results

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

Job ID: 190-32545-1

Client Sample ID: August F039 Composite

Date Collected: 08/31/23 00:00
Date Received: 09/01/23 15:45

Lab Sample ID: 190-32545-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<5.1		5.1	ug/L		09/05/23 08:04	09/06/23 18:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*35*		*31 - 140*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
Phenol-d5 (Surr)	*22*		*18 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
Nitrobenzene-d5 (Surr)	*38*		*13 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
2-Fluorophenol (Surr)	*26*		*12 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
2-Fluorobiphenyl (Surr)	*43*		*23 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 126*	*09/05/23 08:04*	*09/06/23 18:28*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<2.0		2.0	ug/L		09/06/23 11:14	09/07/23 17:26	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0.8*	*S1-*	*10 - 145*	*09/06/23 11:14*	*09/07/23 17:26*	*40*
Tetrachloro-m-xylene	*20*	*p*	*10 - 123*	*09/06/23 11:14*	*09/07/23 17:26*	*40*

QC Sample Results

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

Job ID: 190-32545-1

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

Lab Sample ID: MB 240-586056/19-A
Matrix: Water
Analysis Batch: 586219

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586056

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0	ug/L		09/05/23 08:04	09/06/23 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*104*		*31 - 140*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
Phenol-d5 (Surr)	*28*		*18 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
Nitrobenzene-d5 (Surr)	*89*		*13 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
2-Fluorophenol (Surr)	*45*		*12 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
2-Fluorobiphenyl (Surr)	*96*		*23 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
2,4,6-Tribromophenol (Surr)	*113*		*10 - 126*	*09/05/23 08:04*	*09/06/23 10:01*	*1*

Lab Sample ID: LCS 240-586056/20-A
Matrix: Water
Analysis Batch: 586219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586056

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrosodimethylamine	20.0	6.46		ug/L		32	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*99*		*31 - 140*
Phenol-d5 (Surr)	*33*		*18 - 120*
Nitrobenzene-d5 (Surr)	*100*		*13 - 120*
2-Fluorophenol (Surr)	*48*		*12 - 120*
2-Fluorobiphenyl (Surr)	*98*		*23 - 120*
2,4,6-Tribromophenol (Surr)	*120*		*10 - 126*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-586283/17-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050	ug/L		09/06/23 11:14	09/07/23 13:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*10 - 145*	*09/06/23 11:14*	*09/07/23 13:42*	*1*
Tetrachloro-m-xylene	*55*		*10 - 123*	*09/06/23 11:14*	*09/07/23 13:42*	*1*

Lab Sample ID: MB 240-586283/17-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586283

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050	ug/L		09/06/23 11:14	09/07/23 17:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*10 - 145*	*09/06/23 11:14*	*09/07/23 17:03*	*1*

QC Sample Results

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

Job ID: 190-32545-1

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

Lab Sample ID: MB 240-586283/17-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586283

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	48		10 - 123	09/06/23 11:14	09/07/23 17:03	1

Lab Sample ID: LCS 240-586283/18-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.250	0.175		ug/L		70	26 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	55		10 - 145
Tetrachloro-m-xylene	54		10 - 123

Lab Sample ID: LCS 240-586283/18-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.250	0.153		ug/L		61	26 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	51		10 - 145
Tetrachloro-m-xylene	48		10 - 123

Definitions/Glossary

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

Job ID: 190-32545-1

Qualifiers

GC Semi VOA

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

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

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

MICHIGAN 190 Chain of Custody Record

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Client Information	Sampler: S.T.	Lab PM: Schafer, Sue	Carrier Tracking No(s):	COC No: 190-39728-2896.1
Client Contact: Gabe Frost	Phone: 734-945-1833	E-Mail: Sue.Schafer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Republic Industrial and Energy Solutions	PWSID:			Job #:
Address: 28470 Citrin Dr	Due Date Requested:			
City: Romulus	TAT Requested (days):			
State, Zip: MI, 48174	Compliance Project: Δ Yes Δ No			
Phone: 313-347-1328(Tel)	PO #: 30049877C (2022)			
Email: [redacted]	WO #:			
Project Name: Republic Ind & Eng Sol - F039	Project #: 19001517			
Site: RIES	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify). Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E - Nitrosodimethylamine	8081B - Aldrin	8290A - Dioxins	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
August F039 Composite	8/31/23		C	Water			X	X	X		4x 16oz

190-32545 Chain of Custody

Possible Hazard Identification: Non-Hazard, Flammable, Skin Irritant, Poison B, Unknown, Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): Return To Client, Disposal By Lab, Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fedex Ice Box Pick Up
Relinquished by:	Date/Time: 9/1/23	Company: RIES	Received by:	Date/Time: 9/1/23	Company: EFA
Relinquished by:	Date/Time: 9/1/23	Company: EFA	Received by:	Date/Time: 9/1/23 15:45	Company: EFA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

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☐ SDS or Known Hazard Information Supplied by Client
☐ Discrepancies
☐ Short Hold
☐ Rush ☐ 24 Hr ☐ 2-Day ☐ 3-Day ☐ 5-Day ☐ Other:

Client ID: RIFILS
Work Order #: 32554
Receipt Evaluation Performed by: Initials: [illegible] Date: 9/1/1 Time: 11:54

Cooler / Sample Receipt

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

Method of Shipment:
Walk-In Client ☐ Eurofins TA Field/Courier ☐
Other Client / 3rd Party Courier: _____
Fed Ex Tracking #: _____
UPS Tracking #: _____
Other: _____

Shipping Container Type:
☐ Cooler ☐ Box
☐ None ☐ Other: _____

Packing Materials:
☐ Plastic Bags ☐ Foam
☐ Bubble Wrap ☐ Paper
☐ Packing Peanuts ☐ None
☐ Other: _____

Custody Seals Intact:
☐ Yes ☐ No
☐ NA (not used or required)

Cooling Materials:
☐ Ice (Solid) ☐ Ice (Melted)
☐ Blue Ice ☐ None
☐ Other: _____

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

Received on same day sampled? Yes No

Additional Sheets Required? Yes No

Receipt Temperatures

Thermometer ID	Observed (°C)	Corrected (°C)	Temp Blank	Sample Temp	Acceptable	Cooler ID	Affected Samples
CP313207	2.1	2.1			Y N		
					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?	✓			
Containers and Labels in good condition? *(unbroken, not leaking, appropriately filled, labels legible & attached)*	✓			
Appropriate containers used and adequate volume provided?	✓			Preserved bottles checked for pH?* Yes No
Number of sample containers match CoC?	✓			pH strip lot #: _____
Samples received within hold?	✓			
Samples submitted for GRO and Volatiles analysis (8260, 624, 524) received without headspace?			✓	
Was a Trip Blank received with VOA samples?			✓	
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.)	✓			
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?	✓			
**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: 9/1/23

WI-MI-010 020720

Eurofins Michigan
10446 Citation Drive Suite 200
Brighton, MI 48116
Phone: 810-229-2763 Fax: 810-229-0000

09/08

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schafer, Sue	Carrier Tracking No(s):	COC No: 190-37110.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sue.Schafer@et.eurofinsus.com	State of Origin: Michigan	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note):		Job #: 190-32545-1
Address: 180 S. Van Buren Avenue	Due Date Requested: 9/18/2023			
City: Barberton	TAT Requested (days):			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Republic Industrial and Energy Solutions - E039	Project #: 19001517			
Site:	SSOW#:			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B/3510C Aldrin	8270E/3510C Nitrosodimethylamine	Total Number of containers
			Preservation Code:						
August E039 Composite (190-32545-1)	8/31/23	Eastern		Water			X	X	4

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - $NaNO_3$
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - Nonane
O - $AsNaO_2$
P - $Na_2O_3S_2$
Q - Na_2SO_3
R - $Na_2S_2O_3$
S - $NaSO_4$
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
X - pH 10-12
Y - Trizma
Z - other (specify)

Other:

E167

Special Instructions/Note:

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/tests/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
Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ___ Months

Deliverable Requested: I, II, III, IV, Other (specify)
Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time: 9/1/23 15:40	Company: EET	Received by:	Date/Time: 9/2/23 8am	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/08/2021
Ver: 06/08/2021

9/25/2023

8

Eurofins—Cleveland Sample Receipt Form/Narrative Login#: _____

Barberton Facility

Client: [illegible] Site Name: _____ Cooler unpacked by: [illegible]

Cooler Received on: 9-22-23 Opened on: 9-22-23

FedEx 1st Gnd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # [illegible] Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

11. Cooler temperature upon receipt: ☐ See Multiple Cooler Form

IR GUN # [illegible] (CF: [illegible] °C) Observed Cooler Temp: [illegible] °C Corrected Cooler Temp: [illegible] °C

22. Were tamper/custody seals on the outside of the cooler(s)?? If Yes Quantity ____ Yes No
- Were the seals on the outside of the cooler(s) signed & dated?? Yes No NA
- Were tamper/custody seals on the bottle(s) or bottle kits (HgI/MeHg)?? Yes No
- Were tamper/custody seals intact and uncompromised?? Yes No NA

33. Shippers' packing slip attached to the cooler(s)?? Yes No
44. Did custody papers accompany the sample(s)?? Yes No
55. Were the custody papers relinquished & signed in the appropriate place?? Yes No
66. Was/were the person(s) who collected the samples clearly identified on the COC?? Yes No
77. Did all bottles arrive in good condition (Unbroken)?? Yes No
88. Could all bottle labels (ID/Date/Time) be reconciled with the COC?? Yes No
99. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?
100. Were correct bottle(s) used for the test(s) indicated?? Yes No
111. Sufficient quantity received to perform indicated analyses?? Yes No
122. Are these work share samples and all listed on the COC?? Yes No
If yes, Questions 13-17 have been checked at the originating laboratory.
133. Were all preserved sample(s) at the correct pH upon receipt?? Yes No NA pH Strip Lot # HC312302
144. Were VOAs on the COC?? Yes No
155. Were air bubbles >6 mm in any VOA vials?? Larger than this. Yes No NA
166. Was a VOA trip blank present in the cooler(s)?? Trip Blank Lot # _____ Yes No
177. Was a HgI/MeHg trip blank present?? _____ Yes No

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

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

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

20. SAMPLE PRESERVATION:
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schafer, Sue	Carrier Tracking No(s):	COC No: 190-37109.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sue.Schafer@et.eurofinsus.com	State of Origin: Michigan	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 190-32545-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 9/18/2023			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: Republic Industrial and Energy Solutions - F039	Project #: 19001517			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8290A/8290_P_Sep (MOD) Project List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
August F039 Composite (190-32545-1)	8/31/23	Eastern		Water			X	2	

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/tests/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*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 9/1/23 14:50	Company: EFA	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/2/23 0945	Company: EUET
Custody Seals Intact:	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: Rany 3.0 Cooll 2.8		

8

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

October 25, 2023

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

Re: RIES Monthly Report - August 2023 – Updated Cover Letter and F039 Finalized Analysis

Dear Mr. Greenhagen:

Republic Industrial and Energy Solutions, LLC (RIES) submitted the one hundred and sixteenth Report ("MR") dated September 29, 2023, and in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011). However, the cover letter for this report was incorrect. It was inadvertently a duplicate of the September 13, 2023, letter and the report number is not consistent with the report number on the Average Injection Rate form. The contents of the September 29, 2023, cover letter has been updated along with the report number which has changed from the hundred thirtieth to the one hundred and sixteenth. Therefore, please remove the original September 29, 2023, cover letter and replace it with the cover letter in Attachment 1.

Additionally, in the September 29, 2023, report, the analysis for the F039 was submitted as a preliminary report due to the laboratory not having the dioxin analysis available at the time the report was due for submission. The finalized F039 analytical was received on October 11, 2023, and is hereby submitted as an attachment to this letter. Please remove the "F039 Analysis" from the September 29, 2023, report and replace it with the attached "F039 Analysis" in Attachment 2.

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

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

Sincerely,

John C. Barta

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

Attachment 1

Corrected September 29, 2023, Cover Letter

REPUBLIC SERVICES
28470 Citrin Drive Romulus, MI 48174
o 734.946.1000 republicservices.com

September 29, 2023

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

Re: RIES Monthly Report – August 2023 – Updated Cover Letter

Dear Mr. Greenhagen:

Republic Industrial and Energy Solutions, LLC (RIES) submitted the one hundred and sixteenth 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 August of 2023 so as stated on page A-3 of 3 of RIES's two EPA UIC permits preliminary analysis is being included as the finalized data was not available at that time.

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

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

Sincerely,

John C. Barta

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

Attachment 2

Finalized Analytical Report dated October 11, 2023 to replace Preliminary Data dated September 25, 2023

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1

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/11/2023 2:15:02 PM

JOB DESCRIPTION

Republic Industrial and Energy Solutions - F039

JOB NUMBER

190-32545-1

Eurofins Michigan
10448 Citation Drive
Suite 200
Brighton MI 48116

See page two for job notes and contact information.

my EOL

Eurofins Michigan

Job Notes

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

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

Authorization

Sue Schafer

Generated
10/11/2023 2:15:02 PM

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

2

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Client Sample Results 6
QC Sample Results 7
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Chain of Custody 11
Isotope Dilution Summary 16

Sample Summary

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

Job ID: 190-32545-1

3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
190-32545-1	August F039 Composite	Water	08/31/23 00:00	09/01/23 15:45

Job ID: 190-32545-1

Laboratory: Eurofins Michigan

4

Narrative

Job Narrative
190-32545-1

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

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

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

Receipt
The sample was received on 9/1/2023 3:45 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 21.0°C

GC/MS Semi VOA
Method 8270E: The following sample was diluted due to the nature of the sample matrix: August F039 Composite (190-32545-1). Elevated reporting limits (RLs) are provided.

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

Pesticides
Method 8081B: The following sample was diluted due to the nature of the sample matrix: August F039 Composite (190-32545-1). As such, surrogate recoveries may be below the calibration range, and elevated reporting limits (RLs) are provided.

Method 8081B: The following sample required a dilution due to the nature of the sample matrix: August F039 Composite (190-32545-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8081B: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: August F039 Composite (190-32545-1). The Method Blank and Laboratory Control Sample were also subject to TBA clean-up.

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

Dioxin
Method 8290A: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: August F039 Composite (190-32545-1). The reporting limits (RLs) have been adjusted proportionately.

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

Client Sample Results

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

Job ID: 190-32545-1

Client Sample ID: August F039 Composite

Date Collected: 08/31/23 00:00
Date Received: 09/01/23 15:45

Lab Sample ID: 190-32545-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<5.1		5.1	ug/L		09/05/23 08:04	09/06/23 18:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*35*		*31 - 140*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
Phenol-d5 (Surr)	*22*		*18 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
Nitrobenzene-d5 (Surr)	*38*		*13 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
2-Fluorophenol (Surr)	*26*		*12 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
2-Fluorobiphenyl (Surr)	*43*		*23 - 120*	*09/05/23 08:04*	*09/06/23 18:28*	*5*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 126*	*09/05/23 08:04*	*09/06/23 18:28*	*5*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<2.0		2.0	ug/L		09/06/23 11:14	09/07/23 17:26	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0.8*	*S1-*	*10 - 145*	*09/06/23 11:14*	*09/07/23 17:26*	*40*
Tetrachloro-m-xylene	*20*	*p*	*10 - 123*	*09/06/23 11:14*	*09/07/23 17:26*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	<250		250		pg/L		10/09/23 22:30	10/11/23 03:09	1
1,2,3,4,7,8-HxCDD	<250		250		pg/L		10/09/23 22:30	10/11/23 03:09	1
1,2,3,6,7,8-HxCDD	<250		250		pg/L		10/09/23 22:30	10/11/23 03:09	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	**1900**		500		pg/L		10/09/23 22:30	10/11/23 03:09	1
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	<1100		1100		pg/L		10/09/23 22:30	10/11/23 03:09	1
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	<50		50		pg/L		10/09/23 22:30	10/11/23 03:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,7,8-HxCDD	*67*		*40 - 135*	*10/09/23 22:30*	*10/11/23 03:09*	*1*
13C-1,2,3,6,7,8-HxCDD	*69*		*40 - 135*	*10/09/23 22:30*	*10/11/23 03:09*	*1*
13C-1,2,3,7,8,9-HxCDD	*78*		*40 - 135*	*10/09/23 22:30*	*10/11/23 03:09*	*1*
13C-OCDD	*80*		*40 - 135*	*10/09/23 22:30*	*10/11/23 03:09*	*1*
13C-OCDF	*74*		*40 - 135*	*10/09/23 22:30*	*10/11/23 03:09*	*1*
13C-2,3,7,8-TCDD	*69*		*40 - 135*	*10/09/23 22:30*	*10/11/23 03:09*	*1*

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

Lab Sample ID: MB 240-586056/19-A
Matrix: Water
Analysis Batch: 586219

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586056

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrosodimethylamine	<1.0		1.0		ug/L		09/05/23 08:04	09/06/23 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*104*		*31 - 140*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
Phenol-d5 (Surr)	*28*		*18 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
Nitrobenzene-d5 (Surr)	*89*		*13 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
2-Fluorophenol (Surr)	*45*		*12 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
2-Fluorobiphenyl (Surr)	*96*		*23 - 120*	*09/05/23 08:04*	*09/06/23 10:01*	*1*
2,4,6-Tribromophenol (Surr)	*113*		*10 - 126*	*09/05/23 08:04*	*09/06/23 10:01*	*1*

Lab Sample ID: LCS 240-586056/20-A
Matrix: Water
Analysis Batch: 586219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586056

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrosodimethylamine	20.0	6.46		ug/L		32	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*99*		*31 - 140*
Phenol-d5 (Surr)	*33*		*18 - 120*
Nitrobenzene-d5 (Surr)	*100*		*13 - 120*
2-Fluorophenol (Surr)	*48*		*12 - 120*
2-Fluorobiphenyl (Surr)	*98*		*23 - 120*
2,4,6-Tribromophenol (Surr)	*120*		*10 - 126*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-586283/17-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586283

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050		ug/L		09/06/23 11:14	09/07/23 13:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*10 - 145*	*09/06/23 11:14*	*09/07/23 13:42*	*1*
Tetrachloro-m-xylene	*55*		*10 - 123*	*09/06/23 11:14*	*09/07/23 13:42*	*1*

Lab Sample ID: MB 240-586283/17-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586283

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050		ug/L		09/06/23 11:14	09/07/23 17:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*47*		*10 - 145*	*09/06/23 11:14*	*09/07/23 17:03*	*1*

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

Lab Sample ID: MB 240-586283/17-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 586283

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	48		10 - 123	09/06/23 11:14	09/07/23 17:03	1

Lab Sample ID: LCS 240-586283/18-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.250	0.175		ug/L		70	26 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	55		10 - 145
Tetrachloro-m-xylene	54		10 - 123

Lab Sample ID: LCS 240-586283/18-A
Matrix: Water
Analysis Batch: 586400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 586283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin	0.250	0.153		ug/L		61	26 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	51		10 - 145
Tetrachloro-m-xylene	48		10 - 123

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

Lab Sample ID: MB 410-429238/1-A
Matrix: Water
Analysis Batch: 429535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 429238

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	<25		25		pg/L		10/09/23 22:30	10/11/23 03:18	1
1,2,3,4,7,8-HxCDD	<25		25		pg/L		10/09/23 22:30	10/11/23 03:18	1
1,2,3,6,7,8-HxCDD	<25		25		pg/L		10/09/23 22:30	10/11/23 03:18	1
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	<50		50		pg/L		10/09/23 22:30	10/11/23 03:18	1
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	<110		110		pg/L		10/09/23 22:30	10/11/23 03:18	1
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	<5.0		5.0		pg/L		10/09/23 22:30	10/11/23 03:18	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,7,8-HxCDD	77		40 - 135	10/09/23 22:30	10/11/23 03:18	1
13C-1,2,3,6,7,8-HxCDD	78		40 - 135	10/09/23 22:30	10/11/23 03:18	1
13C-1,2,3,7,8,9-HxCDD	86		40 - 135	10/09/23 22:30	10/11/23 03:18	1
13C-OCDD	76		40 - 135	10/09/23 22:30	10/11/23 03:18	1
13C-OCDF	72		40 - 135	10/09/23 22:30	10/11/23 03:18	1
13C-2,3,7,8-TCDD	77		40 - 135	10/09/23 22:30	10/11/23 03:18	1

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

Lab Sample ID: LCS 410-429238/2-A
Matrix: Water
Analysis Batch: 429535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 429238

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1000	1080		pg/L		108	56 - 139
1,2,3,4,7,8-HxCDD	1000	1000		pg/L		100	58 - 139
1,2,3,6,7,8-HxCDD	1000	1020		pg/L		102	57 - 139
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	2000	1890		pg/L		94	29 - 154
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	2000	1800		pg/L		90	27 - 156
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	200	206		pg/L		103	51 - 163

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-1,2,3,4,7,8-HxCDD	*74*		*40 - 135*
13C-1,2,3,6,7,8-HxCDD	*72*		*40 - 135*
13C-1,2,3,7,8,9-HxCDD	*73*		*40 - 135*
13C-OCDD	*59*		*40 - 135*
13C-OCDF	*57*		*40 - 135*
13C-2,3,7,8-TCDD	*78*		*40 - 135*

Qualifiers

GC Semi VOA

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

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

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

MICHIGAN 190

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: J.T.	Lab PM: Schafer, Sue	Carrier Tracking No(s):	COC No: 190-39728-2896.1
Client Contact: ~~Rick Sauve~~ John Frost	Phone: 734-946-1000	E-Mail: Sue.Schafer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Republic Industrial and Energy Solutions	PWSID:			Job #:
Address: 28470 Citrin Dr	Due Date Requested:			
City: Romulus	TAT Requested (days):			
State, Zip: MI, 48174	Compliance Project: Δ Yes Δ No			
Phone: 313-347-1328(Tel)	PO #: 30049877C (2022)			
Email: ~~resuvo@republicservices.com~~	WO #:			
Project Name: Republic Ind & Eng Sol - F039	Project #: 19001517			
Site: RIES	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E - Nitrosodimethylamine	8081B - Aldrin	8290A - Dioxins	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	X	
August F039 Composite	8/31/23		C	Water			X	X	X		4x1QT 2x8oz

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)
Other:

190-32545 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:		Time:		Method of Shipment: Courier Job Pick up	
Relinquished by:	Date/Time: 8/31/23	Company: RIES	Received by:		Date/Time: 9/1/23	Company: EETA
Relinquished by:	Date/Time: 9/1/23	Company: EETA	Received by:		Date/Time: 9/1/23 15:45	Company: EETA
Relinquished by:	Date/Time:	Company:	Received by:		Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

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☐ SDS or Known Hazard Information Supplied by Client
☐ Discrepancies
☐ Short Hold
☐ Rush ☐ 24 Hr ☐ 2-Day ☐ 3-Day ☐ 5-Day ☐ Other: _____

Client ID: REIS
Work Oder #: 32545

Cooler / Sample Receipt

Receipt Evaluation Performed by: Initials: JH Date: 9/1 Time: 15:45

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

Method of Shipment:
Walk-In Client Eurofins TA Field/Courier
Other Client / 3rd Party Courier: _____
Fed Ex Tracking #: _____
UPS Tracking #: _____
Other: _____

Shipping Container Type:
☑ Cooler ☐ Box
☐ None ☐ Other: _____

Custody Seals Intact:
☐ Yes ☐ No
☑ NA (not used or required)

Packing Materials:
☐ Plastic Bags ☐ Foam
☑ Bubble Wrap ☐ Paper
☐ Packing Peanuts ☐ None
☐ Other: _____

Cooling Materials:
☐ Ice (Solid) ☐ Ice (Melted)
☐ Blue Ice ☑ None
☐ Other: _____

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Bacteriological Samples	Temp Corrected (°C)	Frozen? Yes	Frozen? No	Rec'd Within 2 Hrs? Yes	Rec'd Within 2 Hrs? No	Sample Flagged? Yes	Sample Flagged? 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	21.0	21.0		✓	✓Y __N		
					__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?	✓			
Containers and Labels in good condition? *(unbroken, not leaking, appropriately filled, labels legible & attached)*	✓			
Appropriate containers used and adequate volume provided?	✓			Preserved bottles checked for pH?* Yes (No)
Number of sample containers match CoC?	✓			pH strip lot # _____
Samples received within hold?	✓			
Samples submitted for GRO and Volatiles analysis (8260, 624, 524) received without headspace?			✓	
Was a Trip Blank received with VOA samples?			✓	
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.)	✓			
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?	✓			
**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 _____ Date: 9/1/23

WI-MI-010_020720

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

09/08

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schafer, Sue	Carrier Tracking No(s):	COC No: 190-37110.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sue.Schafer@et.eurofinsus.com	State of Origin: Michigan	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note)		Job #: 190-32545-1
Address: 180 S. Van Buren Avenue,	Due Date Requested: 9/18/2023			
City: Barberton	TAT Requested (days):			
State, Zip: OH, 44203				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #			
Email	WO #:			
Project Name: Republic Industrial and Energy Solutions - F039	Project #: 19001517			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

E167

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B/3510C Aldrin	8270E/3510C Nitrosodimethylamine	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
August F039 Composite (190-32545-1)	8/31/23	Eastern		Water			X	X	4	

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/tests/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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 9/1/23 15:40	Company: EETA	Received by: M Roas	Date/Time: 9-2-23 8Am	Company: EEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :**_____
Barberton Facility

Client LWR Michigan Site Name_____ Cooler unpacked by: M Koch
Cooler Received on 9-2-23 Opened on 9-2-23
FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other_____

Receipt After-hours: Drop-off Date/Time_____ Storage Location_____

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

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN # 22 (CF 0.1 °C) Observed Cooler Temp. 0.9 °C Corrected Cooler Temp. 0.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC312502
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

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

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

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

20. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Eurofins Michigan
10446 Citation Drive Suite 200
Brighton, MI 48116
Phone: 810-229-2763 Fax: 810-229-0000

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Schafer, Sue	Carrier Tracking No(s):	COC No: 190-37109.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Sue.Schafer@et.eurofinsus.com	State of Origin: Michigan	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 190-32545-1
Address: 2425 New Holland Pike,	Due Date Requested: 9/18/2023			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: Republic Industrial and Energy Solutions - F039	Project #: 19001517			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - Di Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8290A/8290_P_Sep (MOD) Project List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
August F039 Composite (190-32545-1)	8/31/23	Eastern		Water			X	2	

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/tests/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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/1/23 14:50	EFA			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/2/23 0945	Company: EUST

Custody Seals Intact: Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: Raw 3.0 Corr 2.8

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Isotope Dilution Summary

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

Job ID: 190-32545-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)					
Lab Sample ID	**Client Sample ID**	**HxCDD (40-135)**	**HxDD (40-135)**	**13CHxCD (40-135)**	**OCDD (40-135)**	**OCDF (40-135)**	**TCDD (40-135)**
190-32545-1	August F039 Composite	67	69	78	80	74	69
LCS 410-429238/2-A	Lab Control Sample	74	72	73	59	57	78
MB 410-429238/1-A	Method Blank	77	78	86	76	72	77

Surrogate Legend

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

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