



August 31, 2015

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

Re: EGT Monthly Report (in conformance with MI-163-1W-C010 & MI-163-1W-C011)

Dear Mr. Batka:

Environmental Geo-Technologies, LLC ("EGT") hereby timely submits its twenty-first Monthly Report in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011).

EGT is providing all of 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.

As soon as we receive the laboratory results (back from the contracted outside laboratory) for the "Hazardous Substances Limitations and Reporting" (pg. A-3 of 3 of each EPA UIC Permit) for July, 2015, we will forward that page (that is a result of when EGT accepts F039 waste).

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 inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Sincerely,

Richard J. Powals, P.E.  
Vice-President

cc: J. Frost (EGT), T. Athans (EGT), P.Sullivan (EGT)

att.

rjp083115/EGTEPAMonthlyReport-July 2015

AVERAGE INJECTION RATE

## Calculation of Average Injection Rate

CURRENT REPORTING YEAR 2015CURRENT REPORTING MONTH JulyDate (month, year) of the first injection into either well at the Citrin Road Facility Nov 2013

## CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
MI-163-1W-C010, Well #1-12			
Current Month	395,644	0	395,644
Since facility first injected			2,518,007
MI-163-1W-C011, Well #2-12			
Current Month	336,085	0	336,085
Since facility first injected			1,563,662
		Lifetime Combined	4,081,669

Conversion factors

365.25 days per year ÷ 12 months per year = 30.4375 days per month

30.4375 days per month × 1440 minutes per day = 43,830 minutes per month

CalculationsWhole number of months of injection 21

21 lifetime number of months of injection × 43,830 minutes/month  
= 920,430 minutes of injection

Lifetime combined injected volume 4,081,669 × 920,430 minutes of injection  
= 4.4 gpm average injection rate

WELL 1 DATA

WELL 01 Monthly Data

Date	Min Injection Pressure (PSIG)	Max Injection Pressure (PSIG)	Min Sight Glass Level (in)	Max Sight Glass Level (in)	Min Annulus Pressure (PSIG)	Max Annulus Pressure (PSIG)	Min Injectate pH	Max Injectate pH	Min Flow Rate (GPM)	Max Flow Rate (GPM)	Min Differential Pressure (PSIG)	Max Differential Pressure (PSIG)
7/1/2015	46.3	727.9	33.0	35.1	896.5	1208.4	7.4	8.1	16.0	81.6	295.4	938.9
7/2/2015	45.8	729.9	33.4	35.6	864.7	1206.3	7.7	8.3	18.7	79.6	238.8	930.3
7/3/2015	53.8	75.5	33.0	33.8	900.0	1008.3	7.9	8.0	0.0	0.0	841.1	939.3
7/4/2015	51.4	54.1	33.0	33.3	933.6	951.5	7.9	8.0	0.0	0.0	882.0	887.7
7/5/2015	50.1	51.7	33.0	33.3	923.7	933.7	8.0	8.0	0.0	0.0	873.3	882.3
7/6/2015	48.7	733.2	33.0	35.4	889.1	1204.8	7.6	8.6	13.4	89.3	258.5	934.1
7/7/2015	45.4	733.6	33.1	36.1	892.1	1200.9	6.0	13.3	10.1	70.1	228.8	941.7
7/8/2015	50.4	54.8	33.1	33.4	920.0	974.1	5.9	10.4	0.0	0.0	869.1	919.6
7/9/2015	41.2	742.8	33.0	35.4	873.9	1204.2	7.4	7.8	11.9	64.1	232.5	889.5
7/10/2015	49.9	737.6	33.3	35.4	886.6	1201.8	0.2	8.7	16.3	66.0	220.9	932.3
7/11/2015	-9.8	737.3	33.4	35.8	873.3	1204.8	6.9	8.1	8.6	148.8	221.1	1014.4
7/12/2015	-9.6	-6.1	32.7	33.6	900.0	1005.0	8.0	8.0	0.0	0.0	906.9	1011.8
7/13/2015	-6.8	754.2	32.7	35.3	896.5	1203.1	5.6	8.7	11.8	67.9	286.6	993.6
7/14/2015	26.7	732.9	33.1	35.2	873.1	1205.8	6.7	8.1	24.7	83.2	298.7	968.0
7/15/2015	-9.9	727.9	32.8	35.2	846.2	1202.2	7.0	7.3	18.7	128.7	267.8	1016.9
7/16/2015	-9.9	740.4	32.7	35.0	840.7	1201.8	6.9	8.1	18.8	111.2	252.9	1005.6
7/17/2015	-9.4	723.5	32.8	35.1	839.3	1200.9	6.9	7.4	13.0	111.0	282.9	1012.1
7/18/2015	-9.5	-7.7	33.0	33.3	905.7	945.5	7.4	7.4	0.0	0.0	913.5	954.9
7/19/2015	-8.2	-6.5	32.5	33.2	900.0	1005.2	7.4	7.4	0.0	0.0	907.2	1013.0
7/20/2015	-7.1	727.1	32.6	35.1	868.3	1201.0	6.9	7.8	18.8	115.5	213.2	1003.0
7/21/2015	15.3	744.9	33.1	35.0	870.2	1205.4	-1.3	8.9	20.6	86.5	300.1	940.5
7/22/2015	35.3	720.9	33.1	34.9	883.0	1202.4	7.7	9.2	10.6	101.1	327.9	961.5
7/23/2015	27.5	39.1	33.0	33.2	916.4	958.2	9.2	9.9	0.0	0.0	884.6	922.4
7/24/2015	18.9	736.5	33.0	35.2	874.5	1202.9	7.9	9.9	8.9	109.7	271.8	976.8
7/25/2015	22.7	26.5	32.9	33.2	927.5	967.9	7.8	7.9	0.0	0.0	904.6	942.1
7/26/2015	21.4	23.9	33.0	33.2	914.3	927.6	7.8	7.8	0.0	0.0	892.7	904.9
7/27/2015	20.4	21.9	33.0	33.2	905.6	914.7	2.5	10.3	0.0	0.0	884.7	893.3
7/28/2015	0.0	628.1	32.7	34.2	893.8	1207.6	3.0	3.9	3.6	70.6	450.4	1004.9
7/29/2015	0.0	612.1	32.8	35.1	875.1	1200.2	2.7	4.0	16.4	61.4	383.8	970.6
7/30/2015	0.1	52.3	32.7	33.3	900.0	1006.0	1.7	3.0	0.0	0.0	875.2	981.7
7/31/2015	14.7	749.3	32.6	35.2	821.9	1203.5	2.1	3.2	9.9	84.4	235.8	972.6

**Circle Chart Index**  
Environmental Geo-Technologies, LLC 28470 Citrin Drive Romulus, MI 48174

Chart Recorder #1

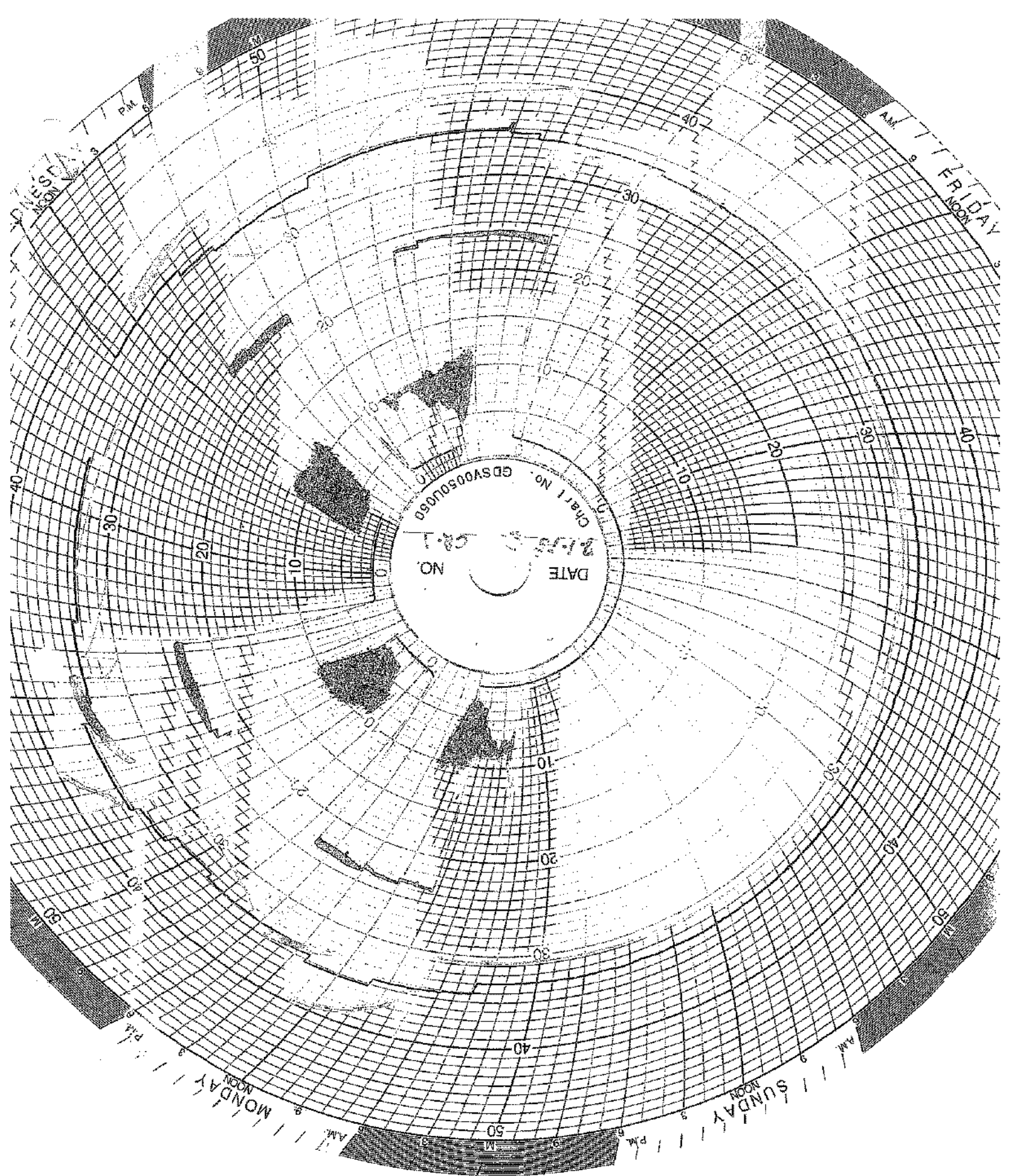
- Channel #1
  - Blue Pen - Well 1 Injection Pressure
- Channel #2
  - Red Pen - Well 1 Annulus Pressure
- Channel #3
  - Green Pen - Well 1 Flow Rate
- Channel #4
  - Black Pen - Well 1 Annulus Tank Level

Chart Recorder #2

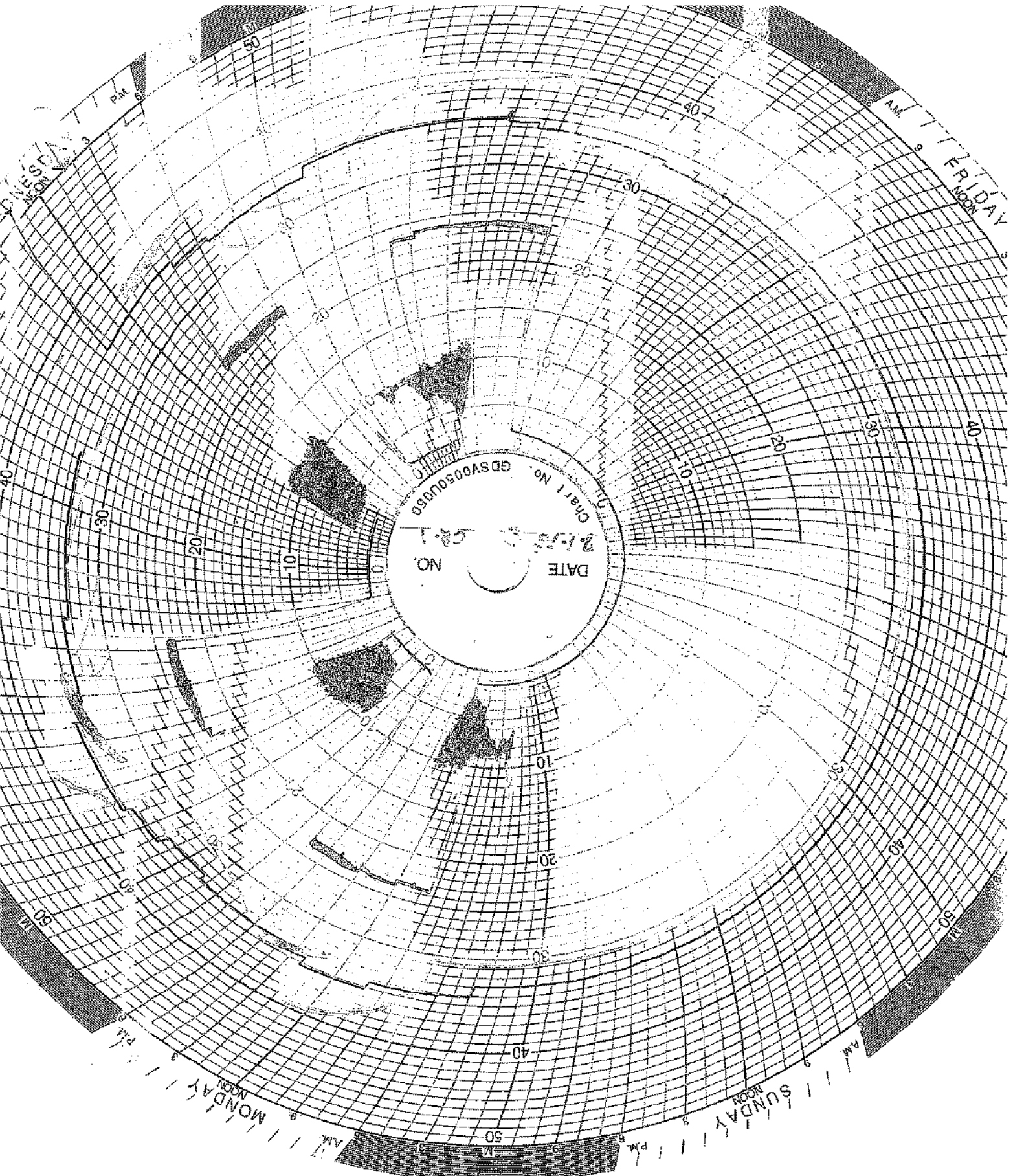
- Channel #1
  - Blue Pen - Well 2 Injection Pressure
- Channel #2
  - Red Pen - Well 2 Annulus Pressure
- Channel #3
  - Green Pen - Well 2 Flow Rate
- Channel #4
  - Black Pen - Well 2 Annulus Tank Level

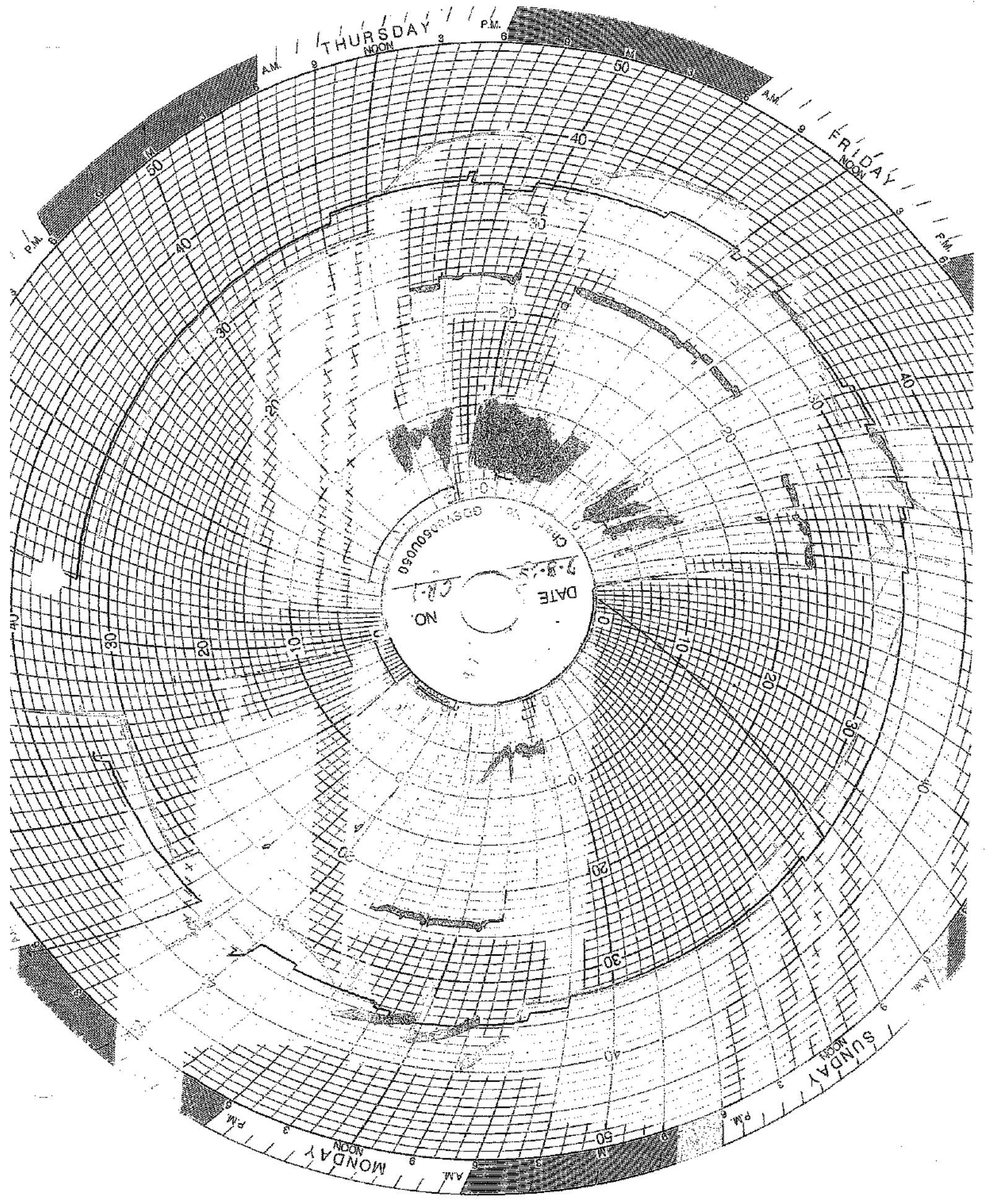
Chart Recorder #3

- Channel #1
  - Blue Pen - Injection pH Well 1 & 2
- Channel #2
  - Red Pen - Well 1 Monthly Volume
- Channel #3
  - Green Pen - Well 2 Monthly Volume
- Channel #4
  - Black Pen - Temperature

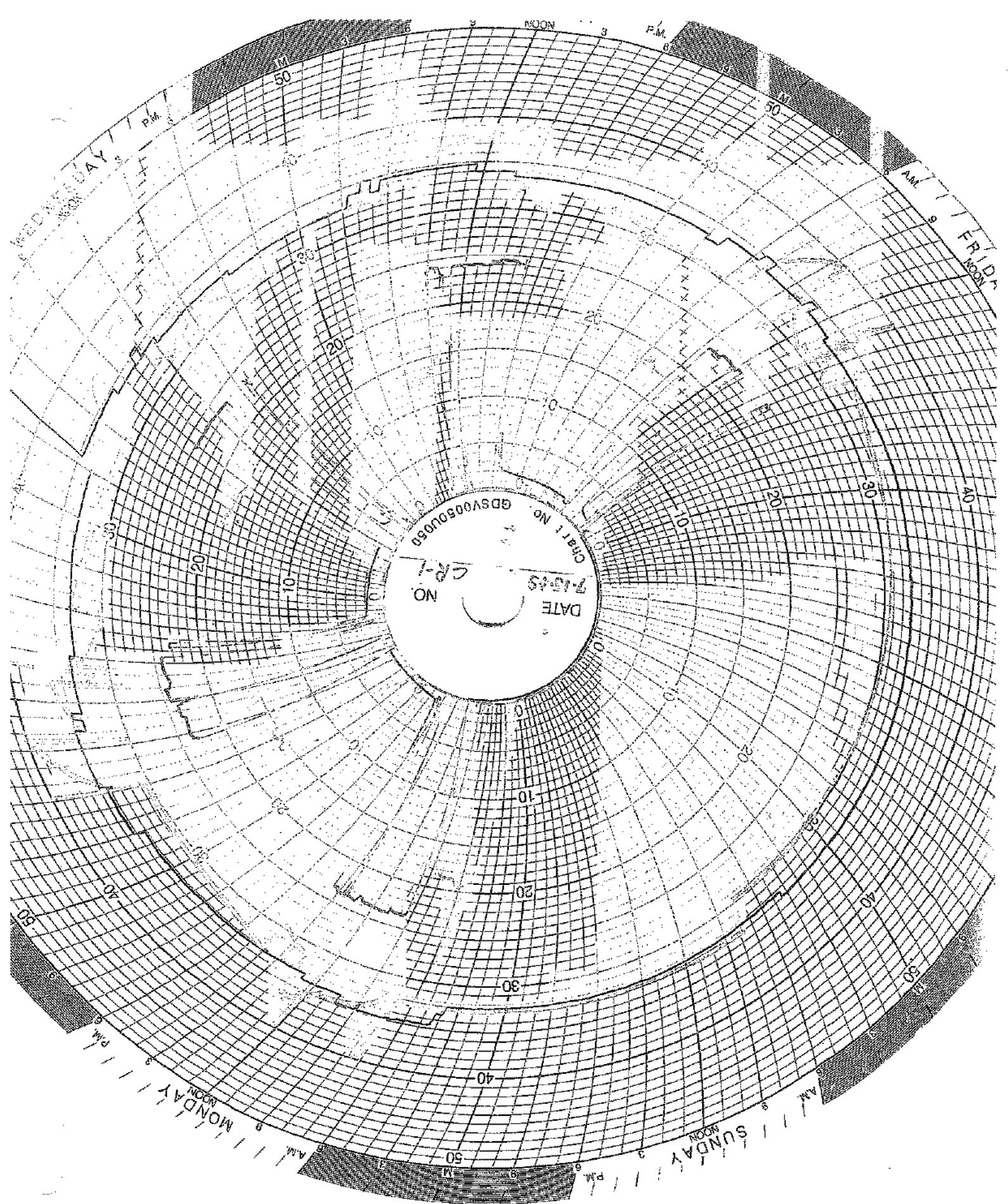


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9-15-58









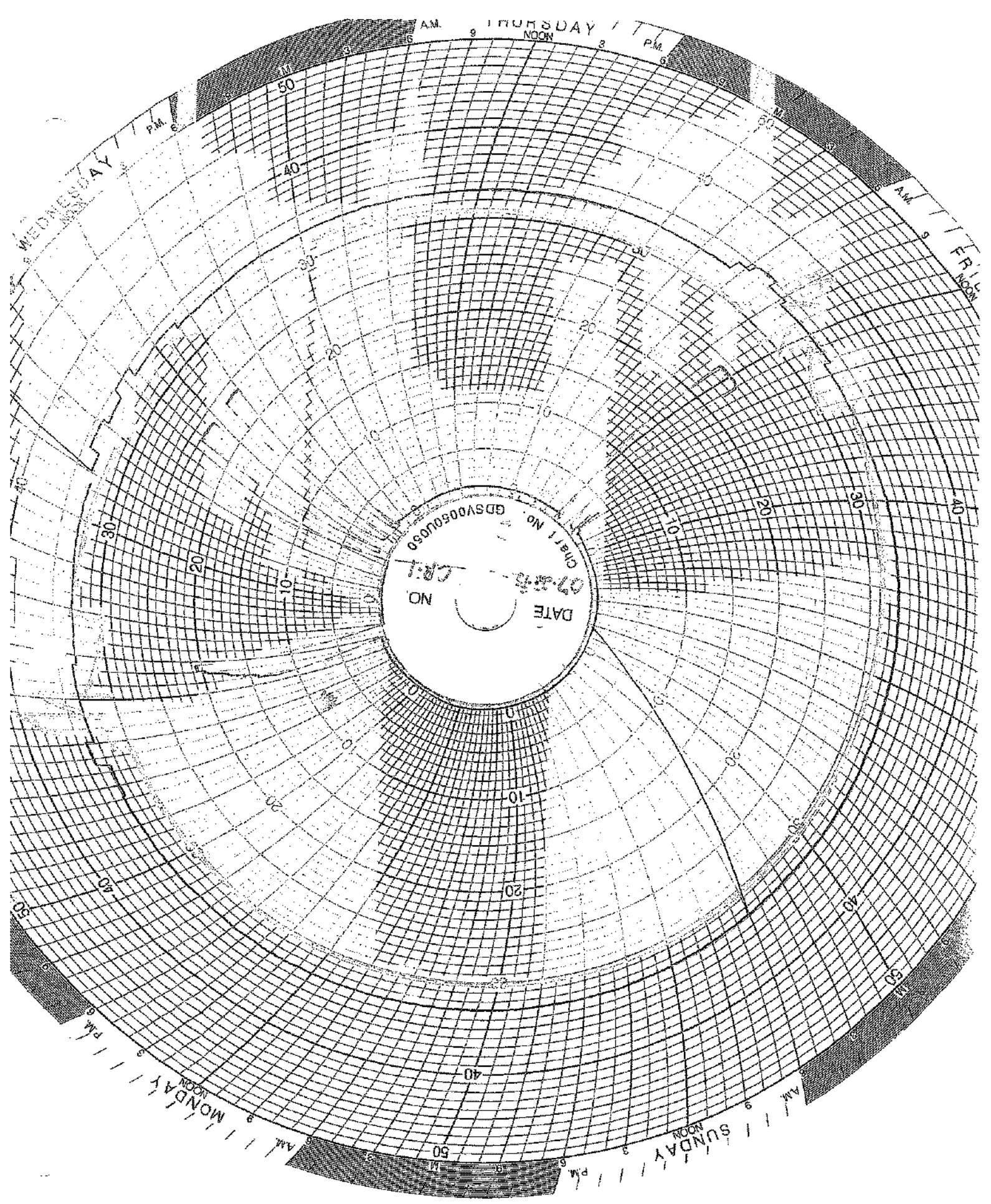
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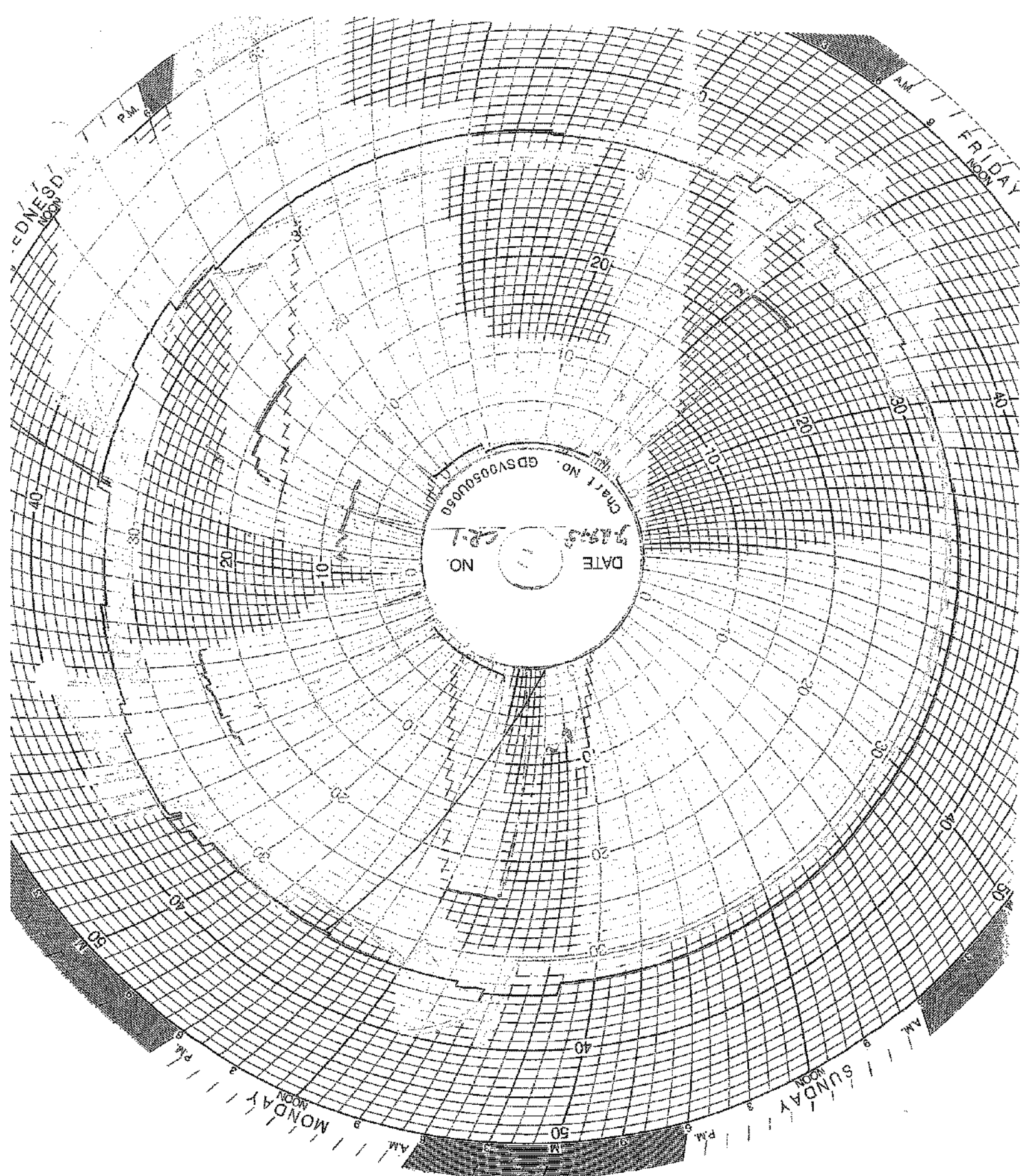
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WELL 2 DATA

Well 02 Monthly Data

Date	Min Injection Pressure (PSIG)	Max Injection Pressure (PSIG)	Min Sight Glass Level (in)	Max Sight Glass Level (in)	Min Annulus Pressure (PSIG)	Max Annulus Pressure (PSIG)	Min Injectate pH	Max Injectate pH	Min Flow Rate (GPM)	Max Flow Rate (GPM)	Min Differential Pressure (PSIG)	Max Differential Pressure (PSIG)
7/1/2015	38.8	730.9	25.5	27.7	621.1	1199.0	7.4	8.1	21.6	83.2	178.8	744.9
7/2/2015	31.3	717.3	25.2	27.6	533.2	1200.7	7.7	8.3	20.3	70.9	120.8	703.6
7/3/2015	51.3	61.8	25.9	26.5	525.6	645.6	7.9	8.0	0.0	0.5	474.2	583.9
7/4/2015	48.4	51.4	26.0	26.5	504.8	525.9	7.9	8.0	0.0	0.5	456.3	474.6
7/5/2015	47.0	48.6	25.9	26.5	495.0	505.4	8.0	8.0	0.0	0.8	448.0	456.9
7/6/2015	39.8	729.3	25.4	27.1	489.1	1199.9	7.6	8.6	14.9	72.6	112.9	665.6
7/7/2015	36.5	726.9	25.7	27.4	436.6	1200.4	6.0	13.3	11.9	61.6	128.4	572.6
7/8/2015	48.0	53.2	26.9	27.0	362.2	436.9	5.9	10.4	0.0	0.0	314.2	383.8
7/9/2015	30.0	739.5	25.2	27.1	344.0	1200.4	7.4	7.8	13.2	61.0	142.4	689.4
7/10/2015	28.4	738.0	25.4	26.2	628.0	1179.8	0.2	8.7	21.6	75.9	273.7	772.7
7/11/2015	-10.0	737.8	25.0	26.6	507.6	1200.9	6.9	8.1	10.5	161.5	186.3	812.2
7/12/2015	-10.0	-7.4	25.8	26.4	438.6	508.0	8.0	8.0	0.0	1.7	446.0	518.0
7/13/2015	-7.4	747.4	24.5	26.4	431.2	1199.2	5.6	8.7	15.8	122.9	128.3	773.7
7/14/2015	29.0	34.1	25.5	25.8	478.6	638.1	6.7	8.1	0.0	0.0	448.8	605.5
7/15/2015	-10.0	745.8	24.3	27.2	450.8	1199.9	7.0	7.3	12.4	91.9	172.0	758.7
7/16/2015	-10.0	732.6	24.0	26.4	530.1	1200.1	6.9	8.1	14.2	200.4	194.1	759.5
7/17/2015	-10.0	727.3	21.2	27.3	581.0	1203.9	6.9	7.4	9.1	98.2	146.6	1019.5
7/18/2015	-10.0	-9.7	16.8	21.3	899.7	1007.8	7.4	7.4	0.0	3.5	909.7	1017.8
7/19/2015	-9.8	-8.0	14.3	17.3	899.8	1007.4	7.4	7.4	0.0	0.0	908.0	1016.9
7/20/2015	-8.2	720.8	12.6	17.5	876.7	1203.1	6.9	7.8	10.7	159.7	195.4	1018.5
7/21/2015	2.3	729.2	12.4	25.3	250.0	1201.5	-1.3	8.9	5.9	86.8	224.5	975.9
7/22/2015	6.6	725.3	21.2	25.0	334.7	1208.3	7.7	9.2	7.6	90.0	252.8	973.0
7/23/2015	9.1	41.9	21.6	24.6	302.9	912.4	9.2	9.9	0.0	8.4	271.2	872.5
7/24/2015	12.1	729.8	21.0	23.9	300.2	1201.7	7.9	9.9	5.3	94.7	276.2	985.5
7/25/2015	19.3	22.8	22.8	23.4	303.8	414.9	7.8	7.9	0.0	0.0	284.4	392.2
7/26/2015	18.0	23.7	22.0	23.1	300.3	457.2	7.8	7.8	0.0	0.0	280.9	433.6
7/27/2015	17.3	18.2	22.1	22.7	322.3	377.0	2.5	10.3	0.0	0.0	304.9	358.9
7/28/2015	-1.6	610.5	18.5	22.5	303.2	1202.2	3.0	3.9	2.7	59.3	286.1	1006.0
7/29/2015	-1.6	-1.2	17.7	20.7	393.8	1005.5	2.7	4.0	0.0	0.0	395.3	1007.1
7/30/2015	-1.7	589.1	17.1	22.2	314.0	1200.9	1.7	3.0	16.2	57.9	269.4	1007.9
7/31/2015	-10.0	722.5	17.3	21.9	293.0	1203.0	2.1	3.2	2.1	69.4	256.6	958.3

# Circle Chart Index

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

## Chart Recorder #1

Channel #1

Blue Pen - Well 1 Injection Pressure

Channel #2

Red Pen - Well 1 Annulus Pressure

Channel #3

Green Pen - Well 1 Flow Rate

Channel #4

Black Pen - Well 1 Annulus Tank Level

## Chart Recorder #2

Channel #1

Blue Pen - Well 2 Injection Pressure

Channel #2

Red Pen - Well 2 Annulus Pressure

Channel #3

Green Pen - Well 2 Flow Rate

Channel #4

Black Pen - Well 2 Annulus Tank Level

## Chart Recorder #3

Channel #1

Blue Pen - Injection pH Well 1 & 2

Channel #2

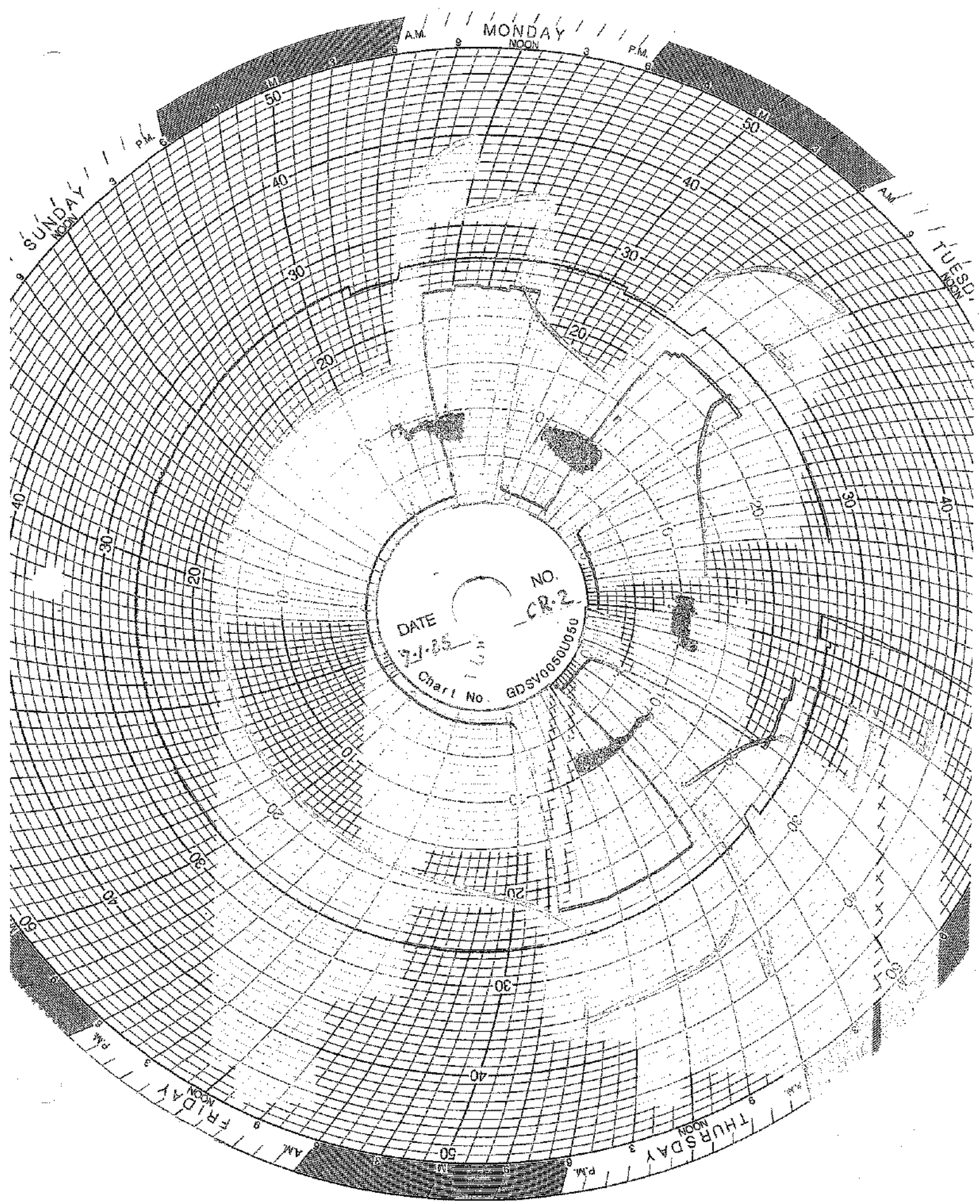
Red Pen - Well 1 Monthly Volume

Channel #3

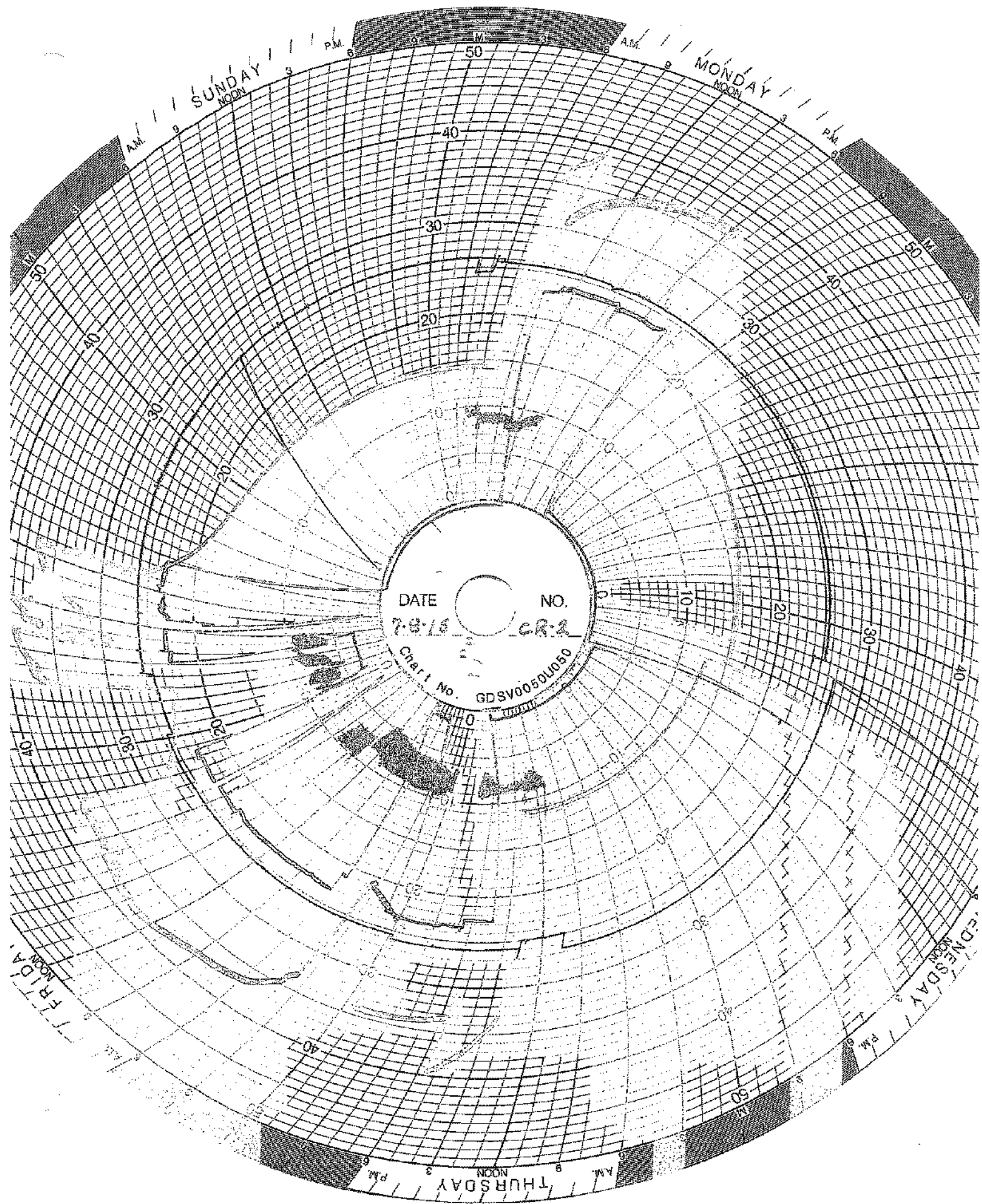
Green Pen - Well 2 Monthly Volume

Channel #4

Black Pen - Temperature

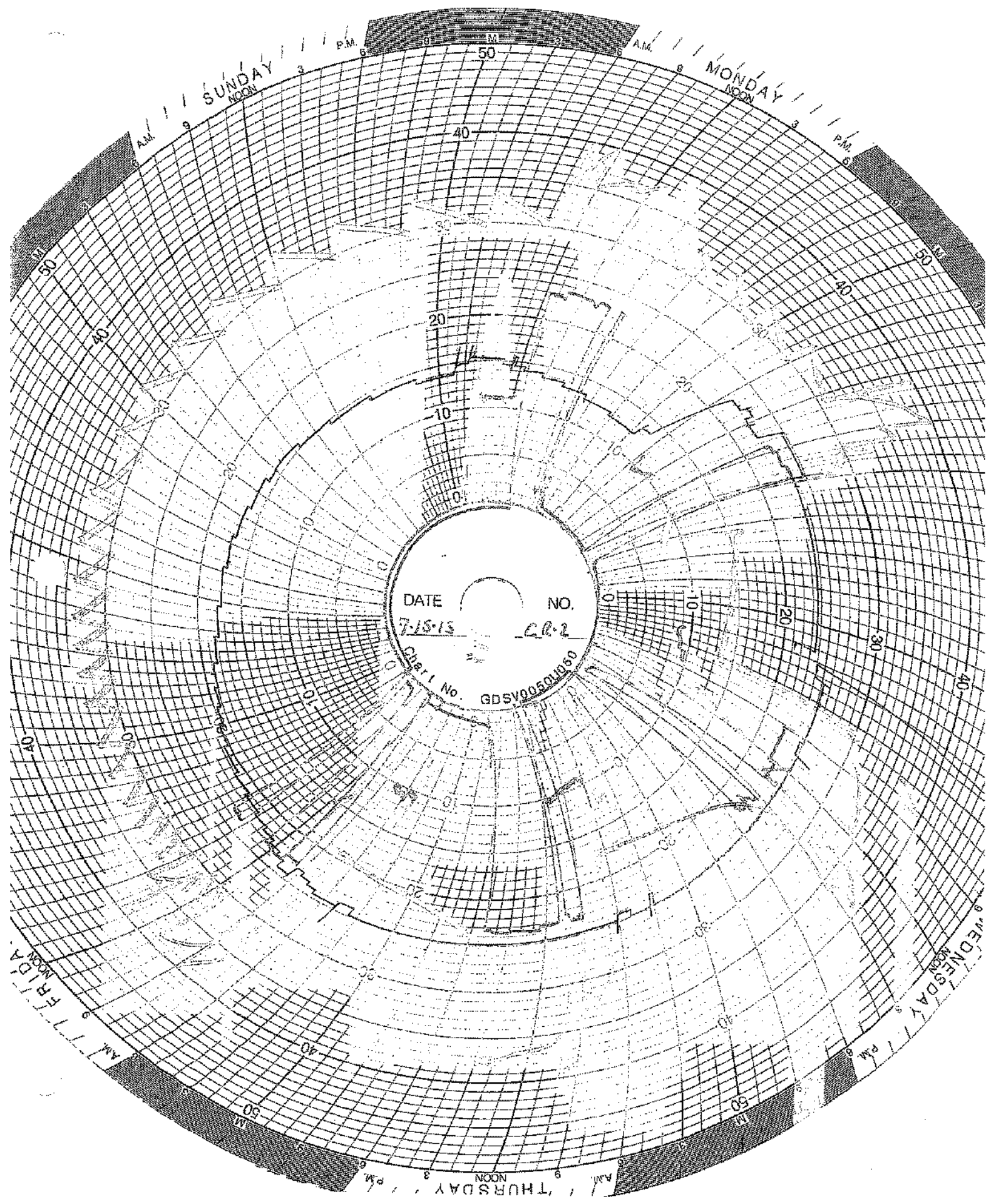


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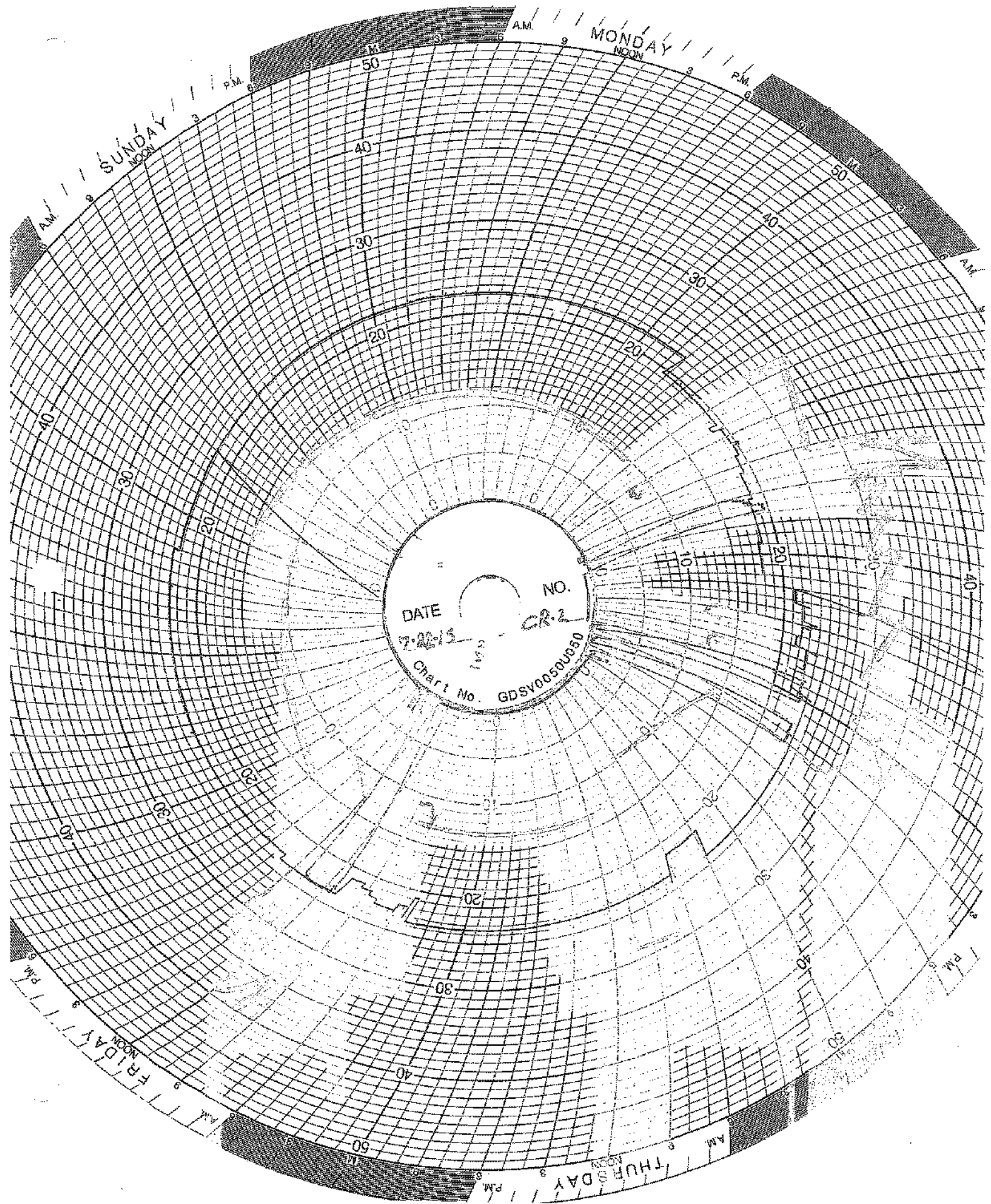


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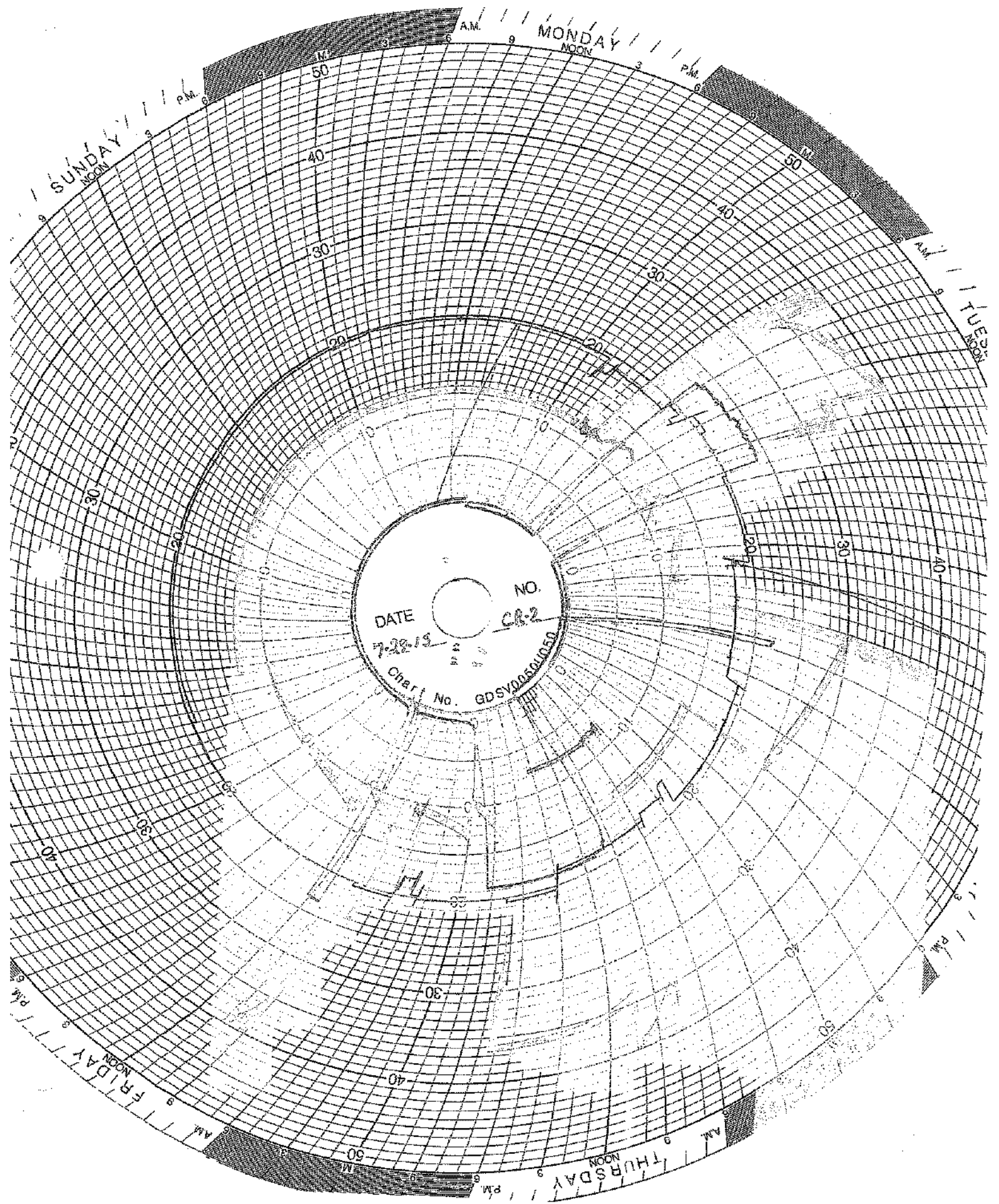




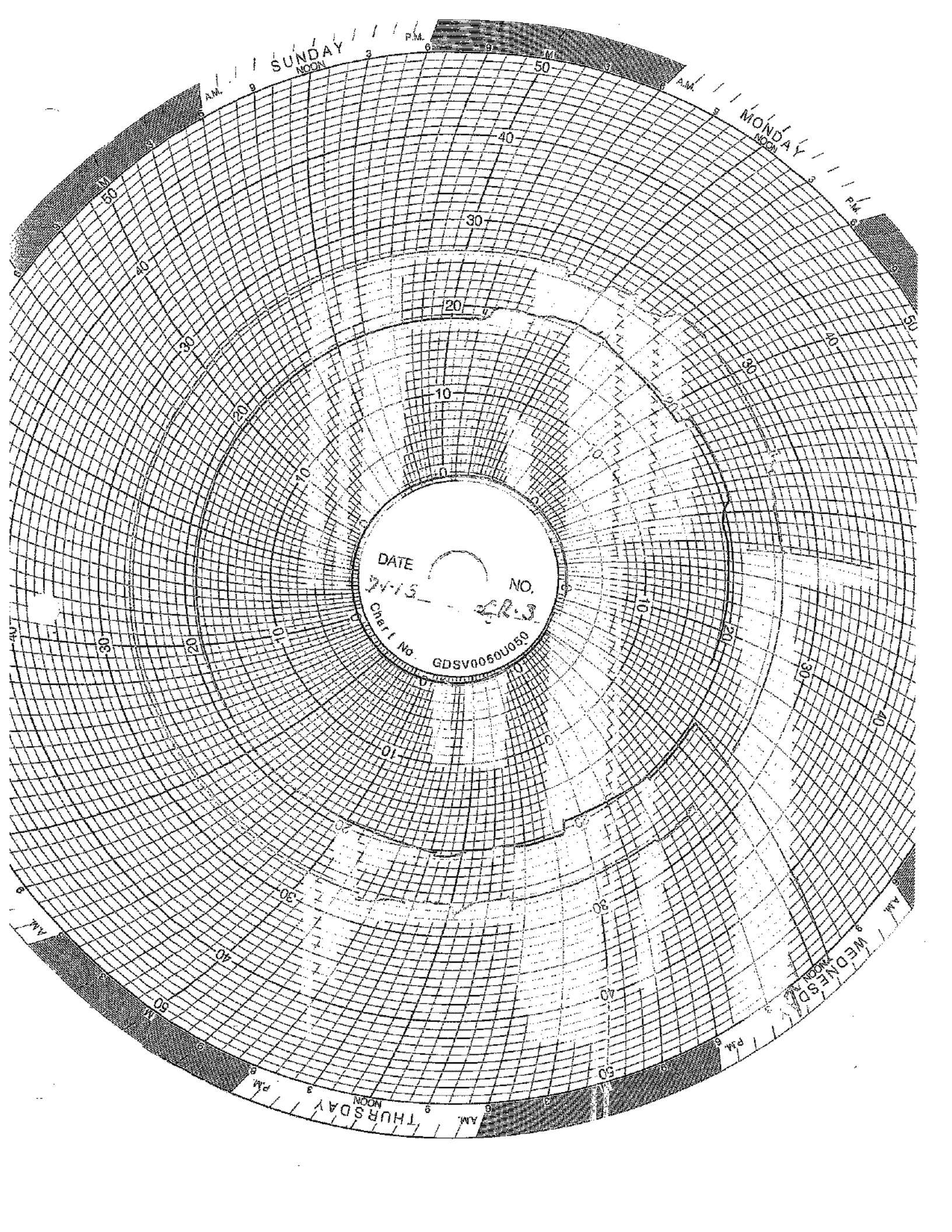
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DATE 7-22-15 NO. CR-2  
Chart No. GDSV00500850



DATE 7-28-19  
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Chart No. GDSY0050100



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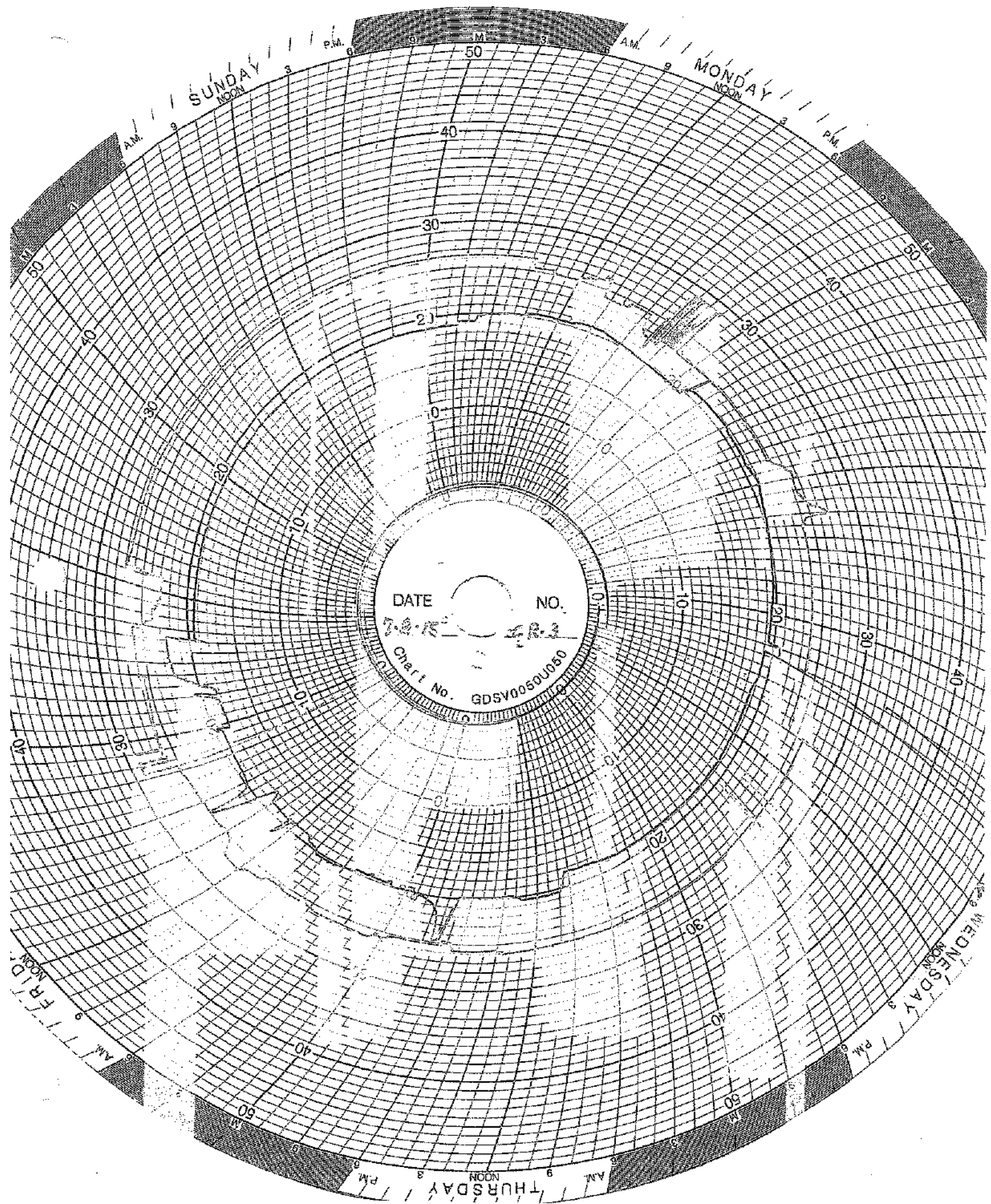
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7-8-75 4R-3

Chart No. GDSV0050U060

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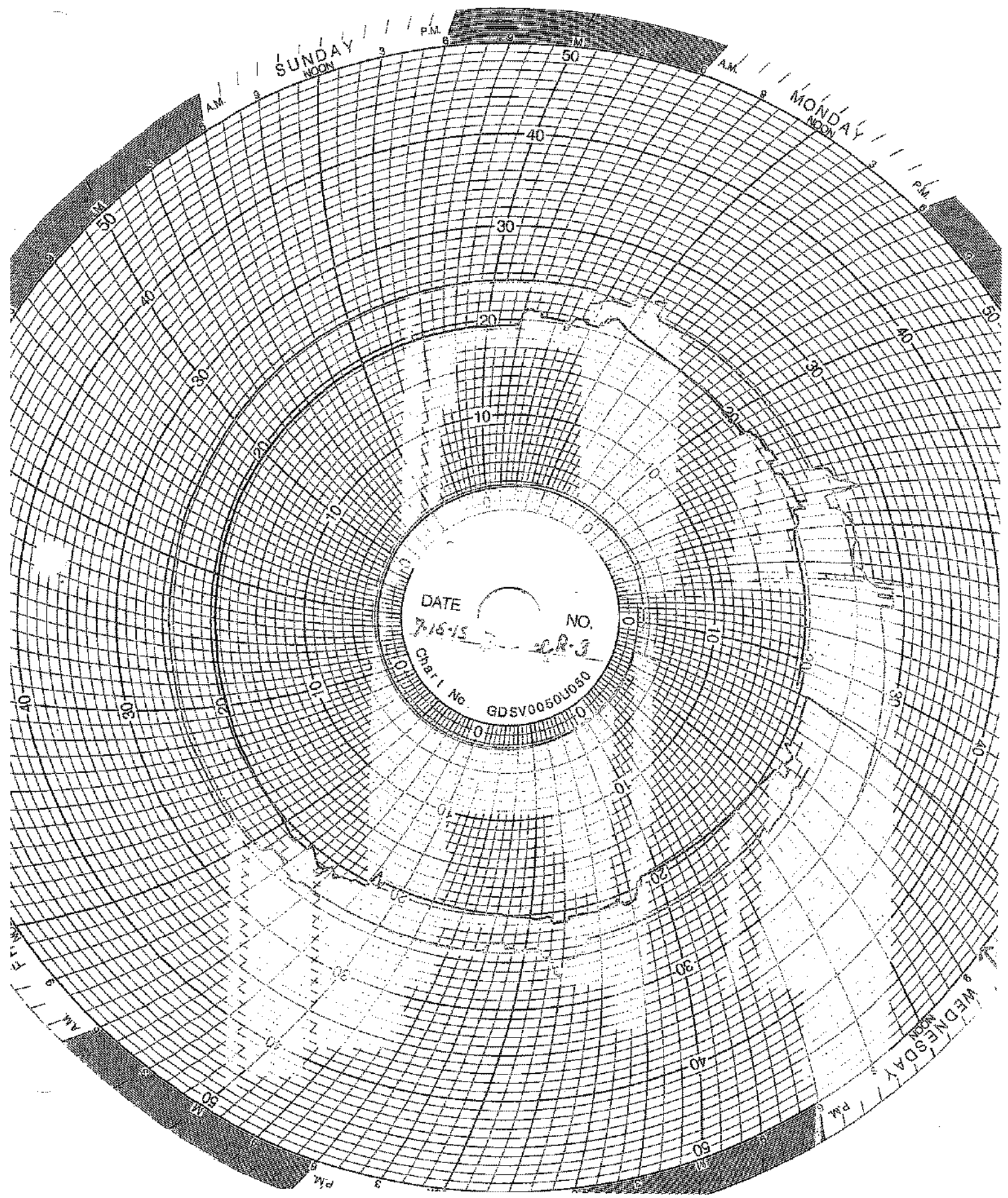
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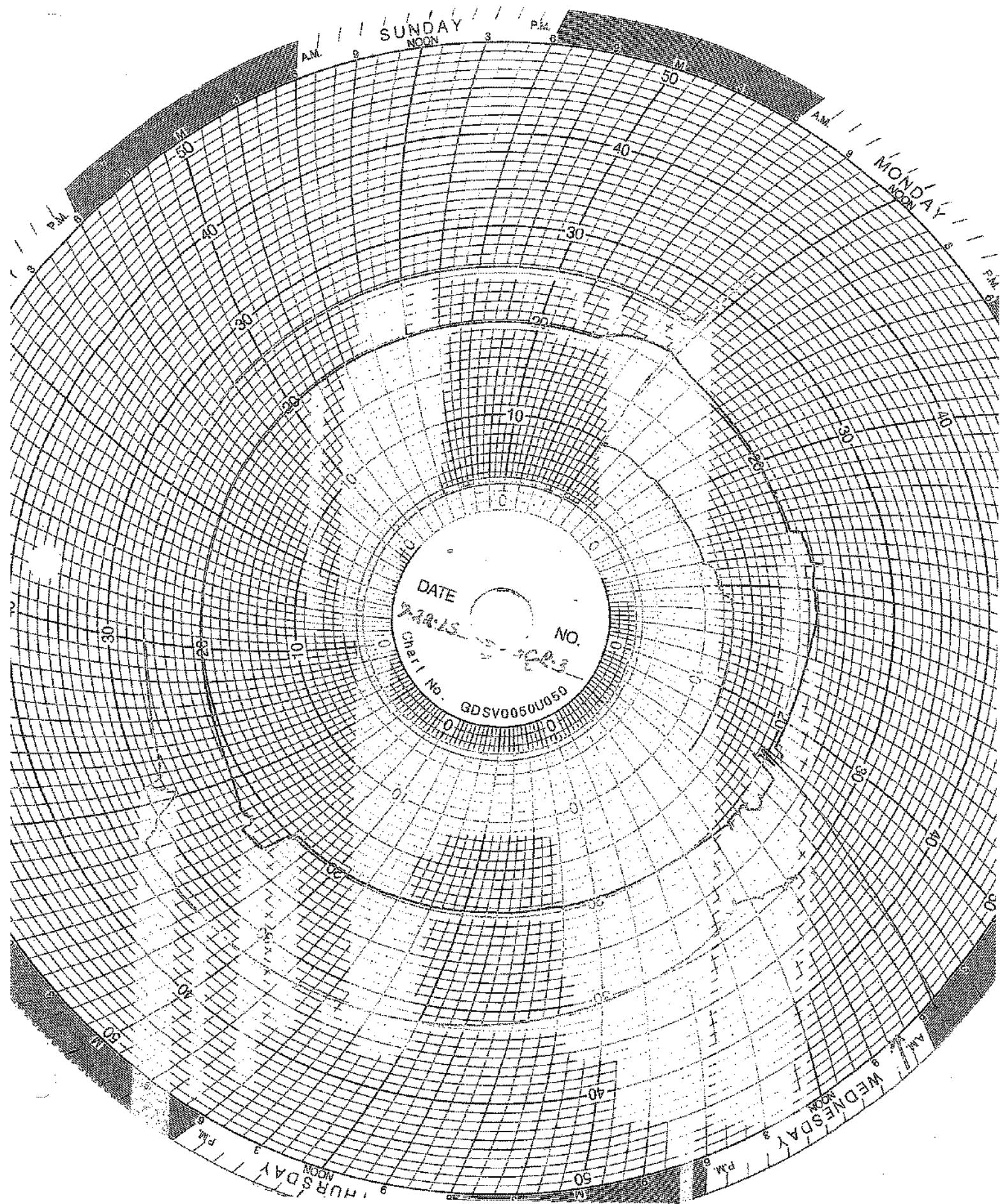
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MONDAY

WEDNESDAY

THURSDAY

DATE 7-18-15 NO. CR-3  
Chart No. GDSV0050J050



SUNDAY

MONDAY

WEDNESDAY

THURSDAY

DATE

7-18-15

NO.

5-1023

Chart No.

GDSV0050U050

## MAINTENANCE LOG



# UIC Monthly Maintenance Log

7/1/2015			
7/21/2015	P-9 Pump	Replaced well 1 suction pump that supplies the injection pump 1	
7/27/2015	Annulus well 2	Added 42 gallons of fuel oil to annulus tank 2	
7/28/2015	pH probe maintenance	Replaced the salt bridge on the injection pH probe	
7/29/2015	MIT	Performed annulus MIT pressure fall off test	
7/30/2015	MIT	Radioactive tracer survey well 1&2	
7/31/2015	MIT	Bottom hole pressure fall off test well 1	
		Bottom hole pressure fall off test well 2	

# CORROSION MONITORING

# 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.

## CORROSION MONITORING COUPONS VISUAL DESCRIPTION

July 27, 2015

### Fiberglass Coupon

The observation is the same as last Month. The coupon is dark orange (rust) in color with similar semi-smooth textures on both sides. There is a black coating on the coupon. Its cut edges appear sanded. The coupon is free of pits, cracks, swelling and blemishes.

### 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.

### Stainless Steel Coupon

The coupon is silver in color with a pock-marked and corroded surface.



316L / C 15621

7-27-2015

9.127



**Fiberglass**

**7-27-2015**

**6.818g**



**C276 / 5**

**7-27-2015**

**13.337g**

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		



# Ghesquiere Plastic Testing, Inc.

20450 HARPER AVENUE  
HARPER WOODS, MI 48225  
PHONE (313) 885-3585  
FAX (313) 885-1771

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

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

Attention: Mr. Don Anderson

## WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

## DESCRIPTION OF SAMPLE:

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

## WORK PERFORMED:

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

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

## RESULTS:

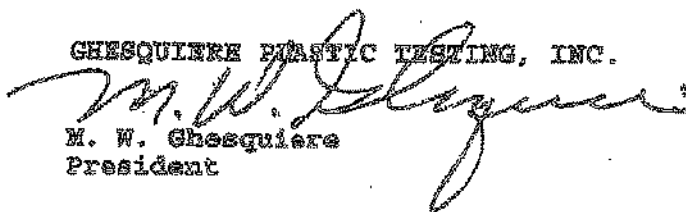
The following determination was made based upon the above test:

### BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	90

Specimen is being returned with this report for further evaluation.

Ghesquiere Plastic Testing, Inc.

  
M. W. Ghesquiere  
President

MWG/kni

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.

TOTAL 1 PAGES

# Ghesquiere Plastic Testing, Inc.

20450 HARPER AVENUE  
HARPER WOODS, MI 48225  
PHONE (313) 885-3335  
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  
Ann Arbor, 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

NWG/am

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TOTAL 1 PAGES

# Ghesquiere Plastic Testing, Inc.

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

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

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

Attention: Mr. Don Anderson

## WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

## DESCRIPTION OF SAMPLE:

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

## WORK PERFORMED:

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

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

## RESULTS:

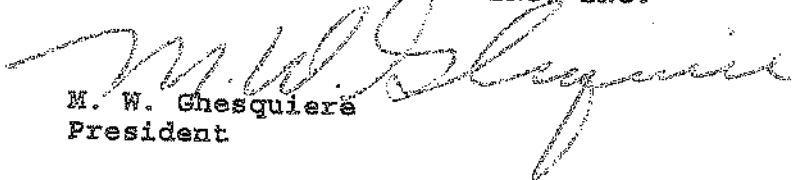
The following determination was made based upon the above test:

### BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	85

Specimen was returned to the client June 16, 2014.

Ghesquiere Plastic Testing, Inc.

  
M. W. Ghesquiere  
President

G/dm

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TOTAL 1 PAGES

INJECTION  
FINGERPRINTS

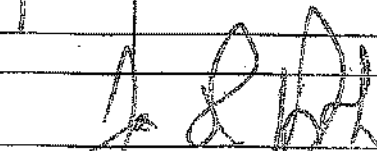
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/11/15
Receiving ID#	107011501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	J.P.

COPY

LABORATORY		CHEMICAL ANALYSIS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	2.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	3.12
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	75°F		
Conductivity	61.3ms		
% Solids	3.1		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

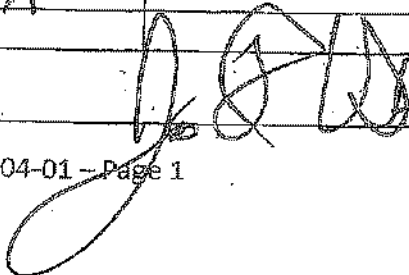
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.1.13
Receiving ID#	107011502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JKF
Sampled by	JKF

COPY

LAB INFORMATION		Oil and Grease Only	
Waste Stream			
Compatible? (RT# )	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	3.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.04	TDS	3.67
Physical Description		Resistivity	
Stream Consistency	Yes <input type="checkbox"/> No <input type="checkbox"/>	Sulfate	
Oil in Sample	Yes <input type="checkbox"/> No <input type="checkbox"/>		
Temperature	71°F		
Conductivity	48 μS		
% Solids	3.6		
Turbidity	Yes <input type="checkbox"/> No <input type="checkbox"/>		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.1.15
Receiving ID#	107011503
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JKE
Sampled by	JKE

COPY

LABORATORY INFORMATION		ANALYSIS ONLY	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 150	Magnesium	
pH (S.U.)	2.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.04	TDS	3.6%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	73°F		
Conductivity	51 mS		
% Solids	3.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/2/15
Receiving ID#	107021501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	J.H.

COPY

LAB INFORMATION		ANALYSIS RESULTS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	2-3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.04	TDS	3.12
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	62.8 μS		
% Solids	3.1		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			



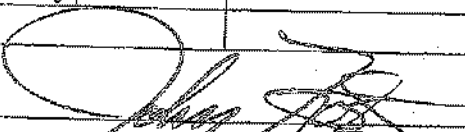
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7.2.15	
Receiving ID#	107021502	
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	JKF	
Sampled by	JKF	

COPY

PROPERTY	UNIT	TEST METHOD	ANALYST
Compatible? (RT# )	Yes	No	Barium
PCBs (ppm)(Oily Waste Only)?			Calcium
TOC (ppm)(CC Waste Only)?			Total Iron
Flash Point (°F)	2140		Magnesium
pH (S.U.)	2.4		Sodium Chloride
Cyanides? (mg/L)			Bicarbonate
Sulfides? (ppm)			Carbonate
Specific Gravity	1.04		TDS
Physical Description			Resistivity
Stream Consistency	Yes	No	Sulfate
Oil in Sample	Yes	No	
Temperature	71°F		
Conductivity	58.1 μS		
% Solids	3.3		
Turbidity	Yes	No	
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.2.15
Receiving ID#	I07021503
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	
Sampled by	AKF DTH


COPY

PHYSICAL PROPERTIES		CHEMICAL ANALYSIS	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.03	TDS	3.3%
Physical Description		Resistivity	
Stream Consistency	Yes <input type="radio"/> No <input type="radio"/>	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input type="radio"/>		
Temperature	70°F		
Conductivity	62.2 mS		
% Solids	3.3		
Turbidity	Yes <input type="radio"/> No <input type="radio"/>		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

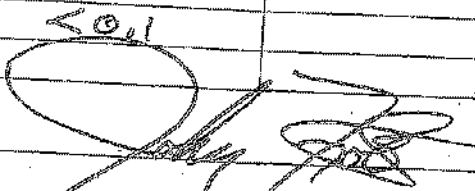
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	7.2.15	
Receiving ID#	L07021504	
Manifest# Line:		
Land Ban Cert Included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by		

COPY

TEST INFORMATION	Yes	No	Other	Units
Compatible? (RT# )	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Barium
PCBs (ppm)(Oily Waste Only)?				Calcium
TOC (ppm)(CC Waste Only)?				Total Iron
Flash Point (°F)				Magnesium
pH (S.U.)				Sodium Chloride
Cyanides? (mg/L)				Bicarbonate
Sulfides? (ppm)				Carbonate
Specific Gravity				TDS
Physical Description				Resistivity
Stream Consistency	Yes	No		Sulfate
Oil in Sample	Yes	No		
Temperature				
Conductivity				
% Solids				
Turbidity	Yes	No		
Color (visual)				
TSS (%)				
Radiation Screen (as needed)				
Lab Signature				


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.6.15
Receiving ID#	LO7061501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	KF

COPY

PROPERTY	UNIT	CLIENT INFORMATION
Compatible? (RT# )	Yes No	Barium
PCBs (ppm)(Oily Waste Only)?		Calcium
TOC (ppm)(CC Waste Only)?		Total Iron
Flash Point (°F)	> 140	Magnesium
pH (S.U.)	2.1	Sodium Chloride
Cyanides? (mg/L)		Bicarbonate
Sulfides? (ppm)		Carbonate
Specific Gravity	1.07	TDS
Physical Description		Resistivity
Stream Consistency	Yes No	Sulfate
Oil in Sample	Yes No	
Temperature	62.6 °F	
Conductivity	57.2 mS	
% Solids	0%	
Turbidity	Yes No	
Color (visual)		
TSS (%)	50.1	
Radiation Screen (as needed)		
Lab Signature		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.6.15
Receiving ID#	I07061502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

COPY

TEST RESULTS		CHEMICAL ANALYSIS	
Compatible? (RT# )	<input checked="" type="checkbox"/> Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	5.9%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66.4°F		
Conductivity	58.3 mS		
% Solids	5.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7.6.15	
Receiving ID#	I07061503	
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	JKF	
Sampled by	JKF	

COPY

LAB IN COMPLIANCE WITH ASTM D 153	DATE: 7/6/15		LAB: 1503	
Compatible? (RT# )	<input checked="" type="checkbox"/> Yes	No	Barium	
PCBs (ppm)(Oily Waste Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH (S.U.)	2.2		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.06		TDS	5.8%
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	68.2°F			
Conductivity	58.7 µS			
% Solids	5.8			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	< 0.1			
Radiation Screen (as needed)				
Lab Signature				


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

FIELD INFORMATION	
Date	7/7/15
Receiving ID#	EL 07071501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	JP

COPY

LAB REPORT		CHEMICALS	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	2.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	2.9%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72°F		
Conductivity	577 μS		
% Solids	2.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	2.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.7.15
Receiving ID#	L07071502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

COPY

LAB INFORMATION		CHEMICAL ANALYSIS	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	3.1%
Physical Description		Resistivity	
Stream Consistency	Yes <input type="radio"/> No <input type="radio"/>	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input type="radio"/>		
Temperature	70°F		
Conductivity	60.3 uS		
% Solids	3.1		
Turbidity	Yes <input type="radio"/> No <input type="radio"/>		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		



FINGERPRINT FORM

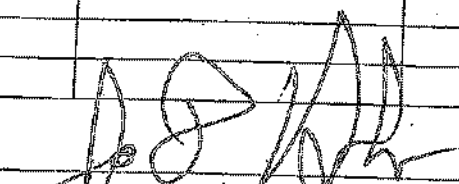
7/1/13

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7/8/15
Receiving ID#	LD7081501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	J.H.

COPY

LAB INFORMATION	TEST RESULTS	ANALYSIS
Compatible? (RT# )	Yes No	Barium
PCBs (ppm)(Oily Waste Only)?		Calcium
TOC (ppm)(CC Waste Only)?		Total Iron
Flash Point (°F)	> 140	Magnesium
pH (S.U.)	1.5	Sodium Chloride
Cyanides? (mg/L)		Bicarbonate
Sulfides? (ppm)		Carbonate
Specific Gravity	1.05	TDS
Physical Description		Resistivity
Stream Consistency	Yes No	Sulfate
Oil in Sample	Yes No	
Temperature	76°F	
Conductivity	62.3 mS	
% Solids	3.1	
Turbidity	Yes No	
Color (visual)		
TSS (%)	< 0.1	
Radiation Screen (as needed)		
Lab Signature		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.9.15
Receiving ID#	107091501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>JKF</i>
Sampled by	<i>D.H.</i>

COPY

LAB ANALYSIS		CONTAMINANTS	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	10.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	3.0%
Physical Description		Resistivity	
Stream Consistency	Yes <input type="radio"/> No <input type="radio"/>	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input type="radio"/>		
Temperature	79°F		
Conductivity	64.2 µS		
% Solids	3.0		
Turbidity	Yes <input type="radio"/> No <input type="radio"/>		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature	<i>John F. Jones</i>		


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/16/13
Receiving ID#	107161501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.M.
Sampled by	J.M.

COPY

WASTE INFORMATION		CHEMICAL ANALYSIS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	140	Magnesium	
pH (S.U.)	4.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.04	TDS	0.27
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72°F		
Conductivity	0.4 mS		
% Solids	0.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

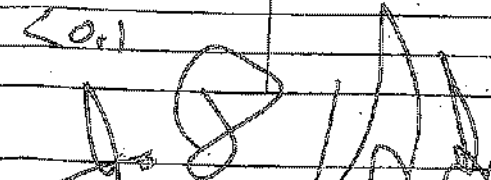
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	2/10/15
Receiving ID#	IL 07101562
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	ML

COPY

LAB INFORMATION		CHEMICAL ANALYSIS	
Compatible? (RT# )	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)		Magnesium	
pH (S.U.)	2.1 > 140	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	0.67
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	71°F		
Conductivity	17.7 mS		
% Solids	0.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

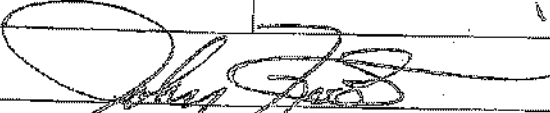
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7.10.15	
Receiving ID#	107101503	
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	JKF	
Sampled by	JKF	

COPY

Waste Stream	Yes	No	Parameter	Value
Compatible? (RT# )	<input checked="" type="radio"/>	<input type="radio"/>	Barium	
PCBs (ppm)(Oily Waste Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)			Magnesium	
pH (S.U.)			Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity			TDS	0.6
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature				
Conductivity				
% Solids				
Turbidity	Yes	No		
Color (visual)				
TSS (%)				
Radiation Screen (as needed)				
Lab Signature				

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.10.15
Receiving ID#	107101504
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JKF
Sampled by	JKF

COPY

LAB INFORMATION		CONSISTENCY DATA	
Compatible? (RT# )	<input checked="" type="radio"/> Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.076
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70.5°F		
Conductivity	26.6 mS		
% Solids	1.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7-11-15
Receiving ID#	EGT111501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	[Signature]
Sampled by	[Signature]

COPY

LAB INFORMATION		ANALYSIS RESULTS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	2140	Magnesium	
pH (S.U.)	2.85	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	600
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	74.4 °F		
Conductivity	103.1 µS		
% Solids	6.1		
Turbidity	Yes No		
Color (visual)			
TSS (%)	2.01		
Radiation Screen (as needed)			
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7-11-13
Receiving ID#	107111502
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

COPY

LAB INFORMATION		ANALYSIS	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	4.8%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	75.0 °F		
Conductivity	101.1 mS		
% Solids	4.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		



FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7-13-15
Receiving ID#	107131501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

COPY

LAB INFORMATION		ANALYSIS INFORMATION	
Waste Stream		Analysis	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	3.57
Physical Description		Resistivity	
Stream Consistency	Yes <input type="radio"/> No <input type="radio"/>	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input type="radio"/>		
Temperature	75°F		
Conductivity	31.0 mS		
% Solids	3.5		
Turbidity	Yes <input type="radio"/> No <input type="radio"/>		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7-13-15
Receiving ID#	I07131502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JKF
Sampled by	SM

COPY

LABORATORY ANALYSIS		OILS AND GREASES ONLY	
Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>150	Magnesium	
pH (S.U.)	2.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	3.7%
Physical Description		Resistivity	
Stream Consistency	Yes <input type="radio"/> No <input type="radio"/>	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input type="radio"/>		
Temperature	79°F		
Conductivity	41.7 mS		
% Solids	3.7		
Turbidity	Yes <input type="radio"/> No <input type="radio"/>		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7-13-15
Receiving ID#	107131503
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	KF
Sampled by	QAL

COPY

LAB INFORMATION		Oilfield Brines Only	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	3.8%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	73.4°F		
Conductivity	38.1 mS		
% Solids	3.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7/14/15	
Receiving ID#	IL07141501	
Manifest# Line:		
Land Ban Cert Included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.A.	
Sampled by		

COPY

DESCRIPTION	Yes	No	Other	Units
Compatible? (RT# )	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
PCBs (ppm)(Oily Waste Only)?				Barium
TOC (ppm)(CC Waste Only)?				Calcium
Flash Point (°F)				Total Iron
pH (S.U.)			> 140	Magnesium
Cyanides? (mg/L)			LO	Sodium Chloride
Sulfides? (ppm)				Bicarbonate
Specific Gravity			1.07	Carbonate
Physical Description				TDS
Stream Consistency	Yes	No		Resistivity
Oil in Sample	Yes	No		Sulfate
Temperature			70°F	
Conductivity			121.0 μS	
% Solids			LO	
Turbidity	Yes	No		
Color (visual)				
TSS (%)			LO	
Radiation Screen (as needed)				
Lab Signature				


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/15/13
Receiving ID#	LO7151501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	PP

COPY

LABORATORY		CHEMICALS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	6.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	4.0
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	79.1 mS		
% Solids	4.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

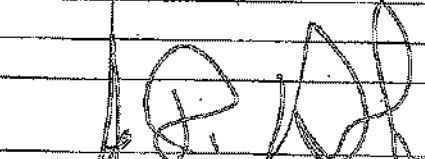
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/15/15
Receiving ID#	107151502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JAD
Sampled by	DAD

COPY

LAB INFORMATION		Oil and Greases Only	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	6.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.16	TDS	6.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	137.9 mS		
% Solids	6.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7.15.15
Receiving ID#	107151503
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

COPY

ANALYSIS INFORMATION		ANALYSIS INFORMATION	
Compatible? (RT# )	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	6.6%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	127.3 mS		
% Solids	6.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/16/15
Receiving ID#	ED7161501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	DP

COPY

LAB INFORMATION		CHEMICALS ONLY	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	2.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.08	TDS	4.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	99.0 mS		
% Solids	4.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			



FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/17/15
Receiving ID#	IL07171501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>[Signature]</i>
Sampled by	<i>[Signature]</i>

*copy*

LAB INFORMATION		CHEMICALS ONLY	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)		Magnesium	
pH (S.U.)	1.4 > 140	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	4.27
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	84.2 mS		
% Solids	4.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	(0.1)		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7/17/13	
Receiving ID#	E07171502	
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H. [Signature]	
Sampled by	W.H. [Signature]	



SOLIDIFICATION		LIQUIDATION	
Compatible? (RT# )	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Barium
PCBs (ppm)(Oily Waste Only)?			Calcium
TOC (ppm)(CC Waste Only)?			Total Iron
Flash Point (°F)	> 140		Magnesium
pH (S.U.)	1.4		Sodium Chloride
Cyanides? (mg/L)			Bicarbonate
Sulfides? (ppm)			Carbonate
Specific Gravity	1.11		TDS
Physical Description			Resistivity
Stream Consistency	Yes	No	Sulfate
Oil in Sample	Yes	No	
Temperature	70°F		
Conductivity	120.4 mS		
% Solids	6.0		
Turbidity	Yes	No	
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/20/15
Receiving ID#	IL07201501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	RF

COPY

ANALYSIS		CHEMICALS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	1.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	6.7%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	79°F		
Conductivity	135.8 mS		
% Solids	6.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	50.1		
Radiation Screen (as needed)			
Lab Signature			

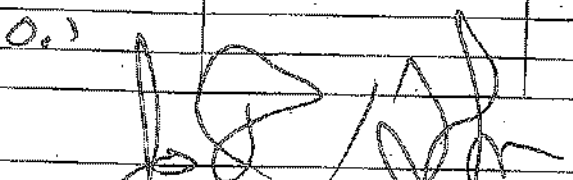
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/21/15
Receiving ID#	107211501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	R.A.

COPY

LAB INFORMATION		ANALYSIS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	1.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.06	TDS	3.77
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	77°F		
Conductivity	74.1 mS		
% Solids	3.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			

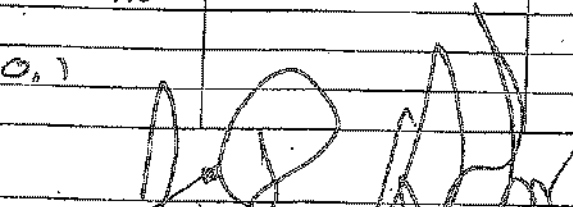
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/21/15
Receiving ID#	107211502
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	D.H.

COPY

LAB INFORMATION		CRITERIA	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.04	TDS	6.2%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	76°F		
Conductivity	122.8 mS		
% Solids	6.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

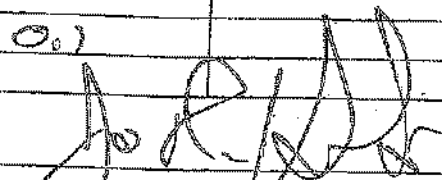
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/22/13
Receiving ID#	107221501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	PP

COPY

ANALYSIS INFORMATION		Other Parameters	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	1.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	2.82
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	80°F		
Conductivity	75.3 μS		
% Solids	3.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, L.L.C.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/22/15
Receiving ID#	LO7227502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	J.H.

COPY

LAB INFORMATION		CHEMICAL ANALYSIS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	140	Magnesium	
pH (S.U.)	0.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	7.4%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	77°F		
Conductivity	147.7 mS		
% Solids	7.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/24/15
Receiving ID#	LD7241501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	SP

COPY

LAB INFORMATION			
Compatible? (RT# )	Yes	No	Barium
PCBs (ppm)(Oily Waste Only)?			Calcium
TOC (ppm)(CC Waste Only)?			Total Iron
Flash Point (°F)		> 140	Magnesium
pH (S.U.)	1.5		Sodium Chloride
Cyanides? (mg/L)			Bicarbonate
Sulfides? (ppm)			Carbonate
Specific Gravity	1.06		TDS
Physical Description			Resistivity
Stream Consistency	Yes	No	Sulfate
Oil in Sample	Yes	No	
Temperature	80 °F		
Conductivity	66.9 mS		
% Solids	3.1		
Turbidity	Yes	No	
Color (visual)			
TSS (%)	0.1		
Radiation Screen (as needed)			
Lab Signature			



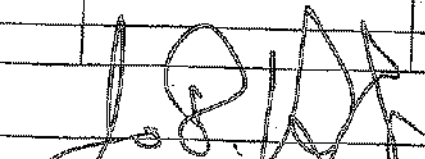
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/28/15
Receiving ID#	LO7281501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H
Sampled by	PF

COPY

LAB INFORMATION			
Compatible? (RT# )	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	4.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	3.47
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	78°F		
Conductivity	68.0 mS		
% Solids	3.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

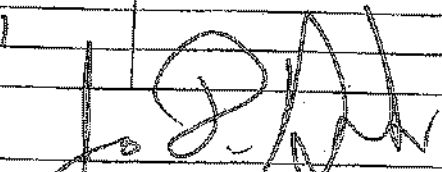
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/29/15
Receiving ID#	ED07291501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H.
Sampled by	ET

COPY

ANALYSIS INFORMATION		ANALYSIS RESULTS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	4.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	3.47
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	78°F		
Conductivity	68.0 μS		
% Solids	3.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			

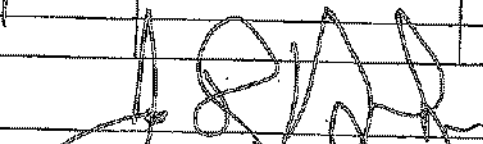
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/30/15
Receiving ID#	I07301501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.P. S.H.
Sampled by	J.P.

COPY

ANALYSIS INFORMATION		CHEMICAL ANALYSIS	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)		Magnesium	
pH (S.U.)	3.3 > 140	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	3.2
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	80°F		
Conductivity	64.3 μS		
% Solids	3.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/30/15
Receiving ID#	IL07301502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	[Signature]

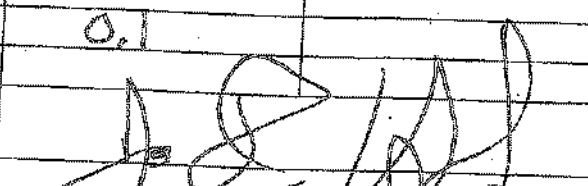
COPY

LAB INFORMATION		Chemical Analysis	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	2.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	3.57
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	78°F		
Conductivity	70.3 μS		
% Solids	3.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature	[Signature]		

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/31/15
Receiving ID#	1073/1501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	ST

COPY

LAB INFORMATION		ANALYSIS ONLY	
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	3.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	3.4%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	78°F		
Conductivity	67.8 μS		
% Solids	3.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.1		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7/13/15
Receiving ID#	107311502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	FP

COPY

LAB TEST	UNIT	CLIENT
Compatible? (RT# )	(Yes) No	Barium
PCBs (ppm)(Oily Waste Only)?		Calcium
TOC (ppm)(CC Waste Only)?		Total Iron
Flash Point (°F)		Magnesium
pH (S.U.)	2.2	Sodium Chloride
Cyanides? (mg/L)		Bicarbonate
Sulfides? (ppm)		Carbonate
Specific Gravity	1.07	TDS
Physical Description		Resistivity
Stream Consistency	Yes No	Sulfate
Oil in Sample	Yes No	
Temperature	79°F	
Conductivity	80.1 mS	
% Solids	4.1	
Turbidity	Yes No	
Color (visual)		
TSS (%)	< 0.1	
Radiation Screen (as needed)		
Lab Signature		

WASTE STREAMS  
CHARACTERIZATIONS

**GENERATOR INFORMATION**

Name: [REDACTED] USEPA ID # \_\_\_\_\_  
 Facility Address: [REDACTED] SIC/NAICS Code: \_\_\_\_\_ State Code: \_\_\_\_\_  
 City: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]  
 Contact: [REDACTED] Title: \_\_\_\_\_ Phone: [REDACTED]

**BILLING INFORMATION**

Company Name: \_\_\_\_\_  SAME AS ABOVE  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Attention: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

**WASTE INFORMATION**

Name of Waste/Common Chemical Name: HCL (Pickling) Acid  
 Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
HCL Pickling Acid, Nickel/Chrome Plating

**USEPA / STATE WASTE IDENTIFICATION**

- This waste is considered to be:  Non Hazardous Liquid Industrial Waste  Hazardous Waste
- Regulated by TSCA?  Yes  No (PCBs, etc.)
- List ALL Applicable Waste Codes: D002 D007

**PHYSICAL CHARACTERISTICS OF WASTE**

<b>Color:</b> <input type="checkbox"/> White/Clear <input type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other (Yellow)	<b>Suspended Solids</b> <input checked="" type="checkbox"/> 0-1 % <input type="checkbox"/> 3-5 % <input type="checkbox"/> 1-3 % <input type="checkbox"/> > 5%	<b>Layers:</b> <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	<b>Specific Gravity:</b> <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.0 - 1.2 <input type="checkbox"/> 0.8 - 1.0 <input type="checkbox"/> 1.3 - 1.4 Exact / Other ( )	accepted 07.13.15
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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

TOC CONCENTRATION - 0 PPM (MUST BE COMPLETED)

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

CONSTITUENT	MAX	MIN	CONSTITUENT	MAX	MIN
Water					
Hydrochloric Acid					



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

Not Present		Concentration	Not Present		Concentration				
PQB	<input type="checkbox"/>	_____ ppm	Aromatic Amine	<input type="checkbox"/>	_____ ppm	Arsenic (As)	D004	<input type="checkbox"/>	< 5 ppm
oxins	<input type="checkbox"/>	_____ ppm	Pesticides	<input type="checkbox"/>	_____ ppm	Barium (Ba)	D005	<input type="checkbox"/>	< 100 ppm
Cyanides Reactive	<input type="checkbox"/>	_____ ppm	Rodenticides	<input type="checkbox"/>	_____ ppm	Cadmium (Cd)	D006	<input type="checkbox"/>	< 1 ppm
Cyanides Total	<input type="checkbox"/>	_____ ppm	Fungicides	<input type="checkbox"/>	_____ ppm	Chromium (Cr)	D007	<input type="checkbox"/>	< 5 ppm
Sulfides Reactive	<input type="checkbox"/>	_____ ppm				Lead (Pb)	D008	<input type="checkbox"/>	< 5 ppm
Sulfides Total	<input type="checkbox"/>	_____ ppm				Mercury (Hg)	D009	<input type="checkbox"/>	< 0.2 ppm
						Selenium (Se)	D010	<input type="checkbox"/>	< 1 ppm
						Silver (Ag)	D011	<input type="checkbox"/>	< 5 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

- Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?  Yes  No
- Reportable Quantity (RQ) in pounds \_\_\_\_\_
- DOT Shipping Name UN3264, Waste Corrosive Liquid, Acidic, Inorganic, M.O.S. Hazard Class 8 UN3264
- Method of Shipment:  Bulk Tanker  Vac truck  Rail Car  Drums  Totes
- Number of Units to Ship Now: \_\_\_\_\_
- Special Handling Requirements including PPE: \_\_\_\_\_
- Anticipated Volume / Units per Year: 6000 gal / 6 wks or  One Time

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 warrant in the handling and processing of the waste material described herein. If this box is checked , I request Environmental Geo-Technologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the results of the sample characterization and/or regulatory requirements.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample 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 Environmental Geo-Technologies representative.

1. SAMPLING METHOD \_\_\_\_\_ 2. COLLECTION POINT \_\_\_\_\_

SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER \_\_\_\_\_

Sample No. \_\_\_\_\_ Preservation: Yes  No

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

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

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

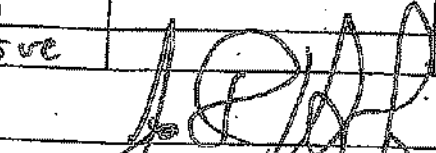
RECEIVING INFORMATION

Date	6/30/15
Receiving ID#	[REDACTED]
Manifest# Line:	[REDACTED]
Land Ban Cert included	Yes No
EGT Approval#	
Generator	[REDACTED]
Client	[REDACTED]
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	C. West

LAB INFORMATION

All Waste Shipments:

Offfield Brines Only:

Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	< 0.1	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.11	TDS	
Physical Description	liquid	Resistivity	
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No	Sulfate	
Oil in Sample	Yes <input checked="" type="radio"/> No		
Temperature	70°F		
Conductivity	> 4000 uS		
% Solids	1.3		
Turbidity	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Color (visual)	Yellow		
TSS (%)	< 0.1		
Radiation Screen (as needed)	Negative		
Lab Signature			

**GENERATOR INFORMATION**

Name: [REDACTED] USEPA ID #: [REDACTED]  
 Facility Address: [REDACTED] SIC/NAICS Code: [REDACTED] State Code: [REDACTED]  
 City: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]  
 Contact: [REDACTED] Title: [REDACTED] Phone: [REDACTED]

**BILLING INFORMATION**

Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Attention: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_  
 SAME AS ABOVE

**WASTE INFORMATION**

Name of Waste/Common Chemical Name:  
METEX COPPER STRIP  
 Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
See ATTACHED, COPPER STRIPPING

**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 D007 D008

**PHYSICAL CHARACTERISTICS OF WASTE**

Color: <input type="checkbox"/> White/Clear <input checked="" type="checkbox"/> Black/Brown <input type="checkbox"/> Other _____	Suspended Solids <input type="checkbox"/> 0-1 % <input checked="" type="checkbox"/> 3-5 % <input type="checkbox"/> 1-3 % <input type="checkbox"/> > 5 %	Layers: <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	Specific Gravity: <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.0-1.2 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.3-1.4 Exact / Other <u>1.19</u>	<i>acceptable</i> <u>07/07/15</u>
---	---	--	---	--------------------------------------

4:  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

HC CONCENTRATION - -0- PPM (MUST BE COMPLETED)

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

CONSTITUENT	MAX	MIN	CONSTITUENT	MAX	MIN
<u>Chromic Acid</u>	<u>1</u>	<u>0</u>			
<u>Sulfuric Acid</u>	<u>1</u>	<u>0</u>			
<u>Sodium Hypochlorite</u>	<u>20</u>	<u>1</u>			
<u>Potassium Hypochlorite</u>	<u>20</u>	<u>1</u>			
<u>Water</u>	<u>90</u>	<u>80</u>			

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				
DB	<input checked="" type="checkbox"/>	_____ ppm	Aromatic Amine	<input checked="" type="checkbox"/>	_____ ppm	Arsenic (As)	D004	<input checked="" type="checkbox"/> < 5 ppm	PF
Dioxins	<input checked="" type="checkbox"/>	_____ ppm	Pesticides	<input checked="" type="checkbox"/>	_____ ppm	Barium (Ba)	D005	<input checked="" type="checkbox"/> < 100 ppm	PF
Cyanides Reactive	<input checked="" type="checkbox"/>	_____ ppm	Rodenticides	<input checked="" type="checkbox"/>	_____ ppm	Cadmium (Cd)	D006	<input checked="" type="checkbox"/> < 1 ppm	PF
Cyanides Total	<input checked="" type="checkbox"/>	_____ ppm	Fungicides	<input checked="" type="checkbox"/>	_____ ppm	Chromium (Cr)	D007	<input checked="" type="checkbox"/> < 5 ppm	PF
Sulfides Reactive	<input checked="" type="checkbox"/>	_____ ppm				Lead (Pb)	D008	<input checked="" type="checkbox"/> < 5 ppm	PF
Sulfides Total	<input checked="" type="checkbox"/>	_____ ppm				Mercury (Hg)	D009	<input checked="" type="checkbox"/> < 0.2 ppm	PF
						Selenium (Se)	D010	<input checked="" type="checkbox"/> < 1 ppm	PF
						Silver (Ag)	D011	<input checked="" type="checkbox"/> < 5 ppm	PF

TCLP Organics D012 - D048 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
- NESHA P Wastes (Benzene, etc.)
- Biological
- None Apply

SHIPPING INFORMATION

- Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?  Yes  No
- Reportable Quantity (RQ) in pounds \_\_\_\_\_
- DOT Shipping Name RC Waste Corrosive Liquid-Basic, Inorganic, NOS Hazard Class 8 UN/NA 321
- PG I ERG \_\_\_\_\_ Hazardous Constituents for "h.o.s." Chrom, Lead
- Method of Shipment:  Bulk Tanker  Vac truck  Rail Car  Drums  Totes
- Number of Units to Ship Now: \_\_\_\_\_ 8. Anticipated Volume / Units per Year: \_\_\_\_\_ or  One T
- 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 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 warrant in the handling and processing of the waste material described herein. If this box is checked , I request Environmental Geo-Technologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the rest of the sample characterization and/or regulatory requirements.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample of the waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative sample 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 Environmental Geo-Technology representative.

- SAMPLING METHOD \_\_\_\_\_
- COLLECTION POINT \_\_\_\_\_
- SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER \_\_\_\_\_
- 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:	Date	Time
_____	_____	_____	_____	_____	_____

**Industrial Conversion Coatings,  
Plating & CARC Painting**

**Precision, Performance and Innovation: A leader  
in custom coating applications**

process and surface engineering company serving the aerospace, defense, medical, power generation and other industries. Our customer-centered operating philosophy and strict adherence to quality standards has earned the trust of such

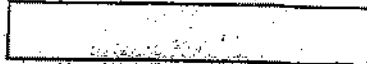
**Conversion coatings, plating and painting from a single source** provides its customers with the convenience and efficiency of a single source for virtually all their conversion coating, plating and painting needs. We're equipped to handle anything from small parts with complex geometries up to very large vehicle components. Our Aldine® conversion coating tanks measure 132" x 72" x 96" deep and our CARC paint booth is 46' x 16' with a 12' ceiling.

**Complete pre-treatment capabilities**

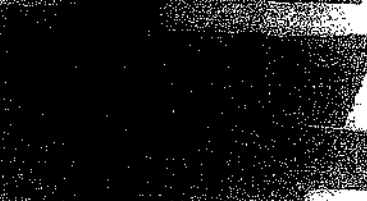
Our customers' critical components routinely require pre-treatment capabilities including chemical and mechanical stripping, ultrasonic cleaning, vapor degreasing and passivation.

**Quality coating and plating solutions**

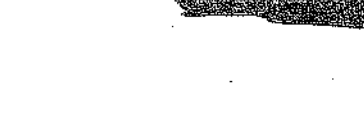
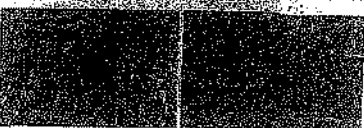
As our customers' specialty coatings and painting needs change, they rely on our innovative responses to ever more stringent requirements. With a keen understanding of painting, conversion coatings and copper, nickel, silver and cadmium plating, we welcome the opportunity to work closely with your engineering and production team to find the right solution for your coating or painting problem.



**CAREER OPPORTUNITIES**



[View Openings](#)  
[More about our openings](#)



FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/7/13
Receiving ID#	metec Cu Strip
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	[REDACTED]
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	Client

TEST RESULTS			
Compatible? (RT# )	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Barium
PCBs (ppm)(Oily Waste Only)?	N/A		Calcium
TOC (ppm)(CC Waste Only)?	N/A		Total Iron
Flash Point (°F)	140		Magnesium
pH (S.U.)	12.7		Sodium Chloride
Cyanides? (mg/L)	30		Bicarbonate
Sulfides? (ppm)	200		Carbonate
Specific Gravity	1.19		TDS
Physical Description	Liquid		Resistivity
Stream Consistency	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Sulfate
Oil in Sample	Yes	<input checked="" type="radio"/> No	
Temperature	71°F		
Conductivity	139.4 mS		
% Solids	28.9		
Turbidity	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Color (visual)	Orange		
TSS (%)	4.0		
Radiation Screen (as needed)	Negative		
Lab Signature			

**GENERATOR INFORMATION**

Name: [REDACTED]  
 Facility Address: [REDACTED] USEPA ID #: [REDACTED]  
 City: [REDACTED] AICS Code: [REDACTED] State Code: [REDACTED]  
 Contact: [REDACTED] State: [REDACTED] Code: [REDACTED]

**BILLING INFORMATION**

Company Name: [REDACTED]  SAME AS ABOVE  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Attention: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

**WASTE INFORMATION**

Name of Waste/Common Chemical Name: **COPPER STRIP RECLAIM**  
 Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
**See ATTACHED, COPPER STRIPPING**

**USEPA / STATE WASTE IDENTIFICATION**

This waste is considered to be:  Non Hazardous Liquid Industrial Waste  
 Regulated by TSCA?  Yes  No (PCBs, etc.)  Hazardous Waste  
 List ALL Applicable Waste Codes: **D002 D006 D007 D008**

**PHYSICAL CHARACTERISTICS OF WASTE**

Color: <input type="checkbox"/> White/Clear <input checked="" type="checkbox"/> Black/Brown <input type="checkbox"/> Other _____	Suspended Solids: <input checked="" type="checkbox"/> 0-1 % <input type="checkbox"/> 3-5 % <input type="checkbox"/> 1-3 % <input type="checkbox"/> > 5 %	Layers: <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	Specific Gravity: <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.0-1.2 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.3-1.4 Exact / Other <b>1.04</b>	<i>acceptable</i> <b>070915</b>
<input type="checkbox"/> NA <input checked="" type="checkbox"/> ≤ 2 <input type="checkbox"/> 2-4 <input type="checkbox"/> 4-6 <input type="checkbox"/> 6-8 <input type="checkbox"/> 8-10 <input type="checkbox"/> 10-12.5 <input type="checkbox"/> ≥12.5				

Flash Point:  <73°F  73-100°F  101-140°F  141-200°F  >200°F  None  Closed Cup  Open Cup

CONCENTRATION - **0** - PPM (MUST BE COMPLETED)

**ANALYTICAL COMPOSITION OF WASTE - MUST BE EQUAL TO OR GREATER THAN 100% (LIST EACH CONSTITUENT ≥/ = 0.1%)**

CONSTITUENT	MAX	MIN	CONSTITUENT	MAX	MIN
Sulfuric Acid	20	0			
Hydrochloric Acid	20	0			
Water	98	80			

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			
B	<input checked="" type="checkbox"/>	_____ ppm	Aromatic Amine	<input checked="" type="checkbox"/>	_____ ppm	Arsenic (As)	D004	<input checked="" type="checkbox"/> < 5 ppm
Toxins	<input type="checkbox"/>	_____ ppm	Pesticides	<input type="checkbox"/>	_____ ppm	Barium (Ba)	D005	<input checked="" type="checkbox"/> < 100 ppm
Cyanides Reactive	<input type="checkbox"/>	_____ ppm	Rodenticides	<input type="checkbox"/>	_____ ppm	Cadmium (Cd)	D006	<input type="checkbox"/> < 1 ppm
Cyanides Total	<input type="checkbox"/>	_____ ppm	Fungicides	<input type="checkbox"/>	_____ ppm	Chromium (Cr)	D007	<input type="checkbox"/> < 5 ppm
Sulfides Reactive	<input type="checkbox"/>	_____ ppm				Lead (Pb)	D008	<input type="checkbox"/> < 5 ppm
Sulfides Total	<input type="checkbox"/>	_____ ppm				Mercury (Hg)	D009	<input type="checkbox"/> < 0.2 ppm
						Selenium (Se)	D010	<input type="checkbox"/> < 1 ppm
						Silver (Ag)	D011	<input type="checkbox"/> < 5 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

- Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?  Yes  No
- Reportable Quantity (RQ) in pounds \_\_\_\_\_
- DOT Shipping Name HP Waste Corrosive Liquid, Acidic, Manganese Hazard Class 8 UNNA 326
- PG I ERG \_\_\_\_\_ Hazardous Constituents for "h.o.s." Chrome, Lead
- Method of Shipment:  Bulk Tanker  Vac truck  Rail Car  Drums  Totes
- Number of Units to Ship Now: \_\_\_\_\_ 6. Anticipated Volume / Units per Year: \_\_\_\_\_ or  One T
- 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 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 warrant in the handling and processing of the waste material described herein. If this box is checked , I request Environmental Geo-Technologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the rest of the sample characterization and/or regulatory requirements.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample of the waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative sample one obtained using any of the applicable sampling methods cited in 40 CFR 261-Appendix 1. Fill in the sampling information in the space provided below. If you have problems obtaining a representative sample of your waste, please contact your Environmental Geo-Technologies representative.

1. SAMPLING METHOD \_\_\_\_\_ 2. 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
_____	_____	_____	_____	_____	_____



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process and surface engineering company serving the aerospace, defense, medical, power generation and other industries. Our customer-centered operating philosophy and strict adherence to quality standards has earned the trust of such

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**Complete pre-treatment capabilities**

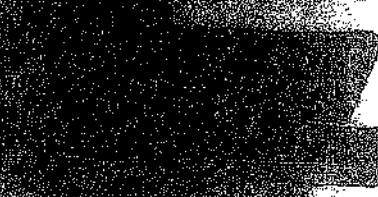
Our customers' critical components routinely require... to plating or painting. ...house pre-treatment capabilities including chemical and mechanical stripping, ultrasonic cleaning, vapor degreasing and passivation.

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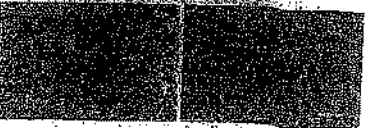
ALBION OPPORTUNITIES



layer removal...  
More about copper plating...

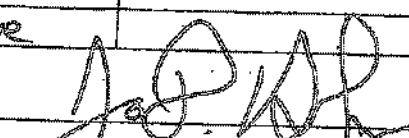


ALBION SYSTEMS



RECEIVING & APPROVAL FORM

Date	7/7/15
Receiving ID#	Cu Strip Residual Waste
Manifest# Line:	11/15000
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	[REDACTED]
Client	[REDACTED]
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Client

Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	0.7	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.04	TDS	
Physical Description	Liquid	Resistivity	
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No	Sulfate	
Oil in Sample	Yes <input checked="" type="radio"/> No <input type="radio"/>		
Temperature	72°F		
Conductivity	71.8 mS		
% Solids	4.3		
Turbidity	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Color (visual)	Yellow		
TSS (%)	< 0.1		
Radiation Screen (as needed)	Negative		
Lab Signature			

**GENERATOR INFORMATION**

Name: [REDACTED] USEPA ID #: [REDACTED]  
 Facility Address: [REDACTED] SIC/NAICS Code: \_\_\_\_\_ State Code: \_\_\_\_\_  
 City: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]  
 Contact: [REDACTED] Phone: [REDACTED]

**BILLING INFORMATION**

SAME AS ABOVE

Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Attention: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

**WASTE INFORMATION**

Name of Waste/Common Chemical Name:

**ELECTRO CLEAN**

Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
**SEE ATTACHED**

**USEPA / STATE WASTE IDENTIFICATION**

- This waste is considered to be:  Non Hazardous Liquid Industrial Waste  Hazardous Waste
- Regulated by TSCA?  Yes  No (PCBs, etc.)
- List ALL Applicable Waste Codes: **D002 D006 D007 D008 D009**

**PHYSICAL CHARACTERISTICS OF WASTE**

<b>Color:</b> <input type="checkbox"/> White/Clear <input type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other <b>tan</b>	<b>Suspended Solids</b> <input checked="" type="checkbox"/> 0-1 % <input type="checkbox"/> 3-5 % <input type="checkbox"/> 1-3 % <input type="checkbox"/> > 5%	<b>Layers:</b> <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	<b>Specific Gravity:</b> <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.0-1.2 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.3-1.4 Exact / Other <b>1.43</b>	acceptable 070715
<b>H:</b> <input type="checkbox"/> NA <input type="checkbox"/> ≤ 2 <input type="checkbox"/> 2-4 <input type="checkbox"/> 4-6 <input type="checkbox"/> 6-8 <input type="checkbox"/> 8-10 <input type="checkbox"/> 10-12.5 <input checked="" type="checkbox"/> ≥ 12.5				

liquid Flash Point:  <73°F  73-100°F  101-140°F  141-200°F  >200°F  None  Closed Cup  Open Cup

DC CONCENTRATION - **0** PPM (MUST BE COMPLETED)

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

CONSTITUENT	MAX	MIN		CONSTITUENT	MAX	MIN
<b>Sodium Hydroxide</b>	<b>20</b>	<b>1</b>	%			
<b>Potassium Hydroxide</b>	<b>20</b>		%			
<b>Water</b>	<b>99</b>	<b>99</b>	%			
			%			
			%			

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
CB	<input checked="" type="checkbox"/>	_____ ppm	Aromatic Amine	<input checked="" type="checkbox"/>	_____ ppm
Dioxins	<input checked="" type="checkbox"/>	_____ ppm	Pesticides	<input checked="" type="checkbox"/>	_____ ppm
Cyanides Reactive	<input checked="" type="checkbox"/>	_____ ppm	Rodenticides	<input checked="" type="checkbox"/>	_____ ppm
Cyanides Total	<input checked="" type="checkbox"/>	_____ ppm	Fungicides	<input checked="" type="checkbox"/>	_____ ppm
Sulfides Reactive	<input checked="" type="checkbox"/>	_____ ppm			
Sulfides Total	<input checked="" type="checkbox"/>	_____ ppm			

Arsenic (As)	D004	<input checked="" type="checkbox"/>	< 5	ppm
Barium (Ba)	D005	<input checked="" type="checkbox"/>	< 100	ppm
Cadmium (Cd)	D008	<input checked="" type="checkbox"/>	< 1	ppm
Chromium (Cr)	D007	<input checked="" type="checkbox"/>	< 5	ppm
Lead (Pb)	D008	<input checked="" type="checkbox"/>	< 5	ppm
Mercury (Hg)	D008	<input checked="" type="checkbox"/>	< 0.2	ppm
Selenium (Se)	D010	<input checked="" type="checkbox"/>	< 1	ppm
Silver (Ag)	D011	<input checked="" type="checkbox"/>	< 5	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

- Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?  Yes  No
- Reportable Quantity (RQ) in pounds \_\_\_\_\_
- DOT Shipping Name RQ Waste Corrosive Liquid, basic, inorganic Hazard Class 8 UN 32  
PG II ERG \_\_\_\_\_ Hazardous Constituents for "n.o.s." Chlorine, Lead
- Method of Shipment:  Bulk Tanker  Vac truck  Rail Car  Drums  Totes
- Number of Units to Ship Now: \_\_\_\_\_
- Special Handling Requirements including PPE: \_\_\_\_\_
- Anticipated Volume / Units per Year: \_\_\_\_\_ or  Once

CERTIFICATION STATEMENT

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Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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1. SAMPLING METHOD \_\_\_\_\_ 2. COLLECTION POINT \_\_\_\_\_

SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER \_\_\_\_\_  
Sample No. \_\_\_\_\_ Preservation: Yes  No

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:	Date	Time
_____	_____	_____	_____	_____	_____

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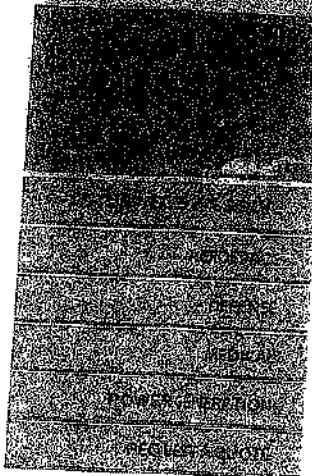
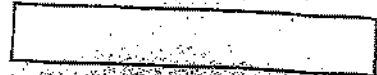
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RECEIVING & APPROVAL FORM

Date	7/7/15
Receiving ID#	Electra Clean
Manifest# Line: w/	Cyanoside (?)
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	[REDACTED]
Client	[REDACTED]
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	Client

Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	13.5	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.43	TDS	
Physical Description	Liquid	Resistivity	
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No	Sulfate	
Oil in Sample	Yes <input checked="" type="radio"/> No		
Temperature	71°F		
Conductivity	74.1 mS		
% Solids	50.7		
Turbidity	Yes <input checked="" type="radio"/> No		
Color (visual)	tan		
TSS (%)	< 0.1		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

**GENERATOR INFORMATION**

Name: [REDACTED] USEPA ID # [REDACTED]  
 Facility Address: [REDACTED]  
 City: [REDACTED] SIC/NAICS Code: [REDACTED] State Code: [REDACTED]  
 Contact: [REDACTED] Phone: [REDACTED]

**BILLING INFORMATION**

Company Name: [REDACTED]  SAME AS ABOVE  
 Address: [REDACTED]  
 City: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]  
 Attention: [REDACTED] Phone: ( ) [REDACTED] Fax: ( ) [REDACTED]

**WASTE INFORMATION**

Name of Waste/Common Chemical Name:  
**COPPER CARBONATE LIQUID & SOLID PHASES**  
 Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
**SEE ATTACHED**

**USEPA / STATE WASTE IDENTIFICATION**

This waste is considered to be:  Non Hazardous Liquid Industrial Waste  Hazardous Waste  
 Regulated by TSCA?  Yes  No (PCBs, etc.)  
 List ALL Applicable Waste Codes: **D002 D006 D007 D008 D009**

**PHYSICAL CHARACTERISTICS OF WASTE**

<b>Color:</b> <input checked="" type="checkbox"/> White/Clear <input type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other <b>light tan</b>	<b>Suspended Solids</b> <input type="checkbox"/> 0-1 % <input type="checkbox"/> 3-5 % <input type="checkbox"/> 1-3 % <input checked="" type="checkbox"/> > 5%	<b>Layers:</b> <input type="checkbox"/> Multi-Layered <input checked="" type="checkbox"/> Bi-Layered <input type="checkbox"/> Single Phase	<b>Specific Gravity:</b> <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.0-1.2 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.3-1.4 Exact / Other <b>1.60</b>	acceptable 870715
# : <input type="checkbox"/> NA <input type="checkbox"/> ≤ 2 <input type="checkbox"/> 2-4 <input type="checkbox"/> 4-6 <input type="checkbox"/> 6-8 <input type="checkbox"/> 8-10 <input checked="" type="checkbox"/> 10-12.5 <input type="checkbox"/> ≥ 12.5				

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

IC CONCENTRATION - **0** - PPM (MUST BE COMPLETED)

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

CONSTITUENT	MAX	MIN	CONSTITUENT	MAX	MIN
<b>Sodium hydroxide</b>	<b>20</b>	<b>0</b>			
<b>Potassium hydroxide</b>	<b>20</b>	<b>0</b>			
<b>water</b>	<b>99</b>	<b>80</b>			

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			
B	<input checked="" type="checkbox"/>	_____ ppm	Aromatic Amine	<input checked="" type="checkbox"/>	_____ ppm	Arsenic (As)	D004	<input checked="" type="checkbox"/> < 5 ppm
Alkylamines	<input checked="" type="checkbox"/>	_____ ppm	Pesticides	<input checked="" type="checkbox"/>	_____ ppm	Barium (Ba)	D005	<input checked="" type="checkbox"/> < 100 ppm
Cyanides Reactive	<input checked="" type="checkbox"/>	_____ ppm	Rodenticides	<input checked="" type="checkbox"/>	_____ ppm	Cadmium (Cd)	D006	<input checked="" type="checkbox"/> < 1 ppm
Cyanides Total	<input checked="" type="checkbox"/>	_____ ppm	Fungicides	<input checked="" type="checkbox"/>	_____ ppm	Chromium (Cr)	D007	<input checked="" type="checkbox"/> < 5 ppm
Sulfides Reactive	<input checked="" type="checkbox"/>	_____ ppm				Lead (Pb)	D008	<input checked="" type="checkbox"/> < 5 ppm
Sulfides Total	<input checked="" type="checkbox"/>	_____ ppm				Mercury (Hg)	D009	<input checked="" type="checkbox"/> < 0.2 ppm
						Selenium (Se)	D010	<input checked="" type="checkbox"/> < 1 ppm
						Silver (Ag)	D011	<input checked="" type="checkbox"/> < 5 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

- Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?  Yes  No
- Reportable Quantity (RQ) in pounds \_\_\_\_\_
- DOT Shipping Name RQ Waste Corrosive Liquid, basic, inorganic Hazard Class 8 UNNA 326  
 PG I ERG \_\_\_\_\_ Hazardous Constituents for "n.o.s." Chrome, Lead
- Method of Shipment:  Bulk Tanker  Vac truck  Rail Car  Drums  Totes
- Number of Units to Ship Now: \_\_\_\_\_ 6. Anticipated Volume / Units per Year: \_\_\_\_\_ or  One-Tri
- Special Handling Requirements including PPE: \_\_\_\_\_

CERTIFICATION STATEMENT

I, \_\_\_\_\_ by represent and warrant that I have personally examined and am familiar with the information contained and submitted in this and 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 warrants in the handling and processing of the waste material described herein. If this box is checked , I request Environmental Geo-Technologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the results of the sample characterization and/or regulatory requirements.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample of the waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative sample shall be 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 Environmental Geo-Technologies representative.

1. \_\_\_\_\_ 2. \_\_\_\_\_

SAMPLING METHOD \_\_\_\_\_ COLLECTION POINT \_\_\_\_\_

SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER \_\_\_\_\_

Sample No. \_\_\_\_\_ Preservation: Yes  No

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
_____	_____	_____	_____	_____	_____



[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

**Industrial Conversion Coatings,  
Plating & CARC Painting**

**Precision, Performance and Innovation: A leader  
in custom coating applications**

process and surface engineering company serving the aerospace, defense, medical, power generation and other industries. Our customer-centered operating philosophy and strict adherence to quality standards has earned the trust of such

Conversion coatings, plating and painting from a single source provides its customers with the convenience and efficiency of a single source for virtually all their conversion coating, plating and painting needs. We're equipped to handle anything from small parts with complex geometries up to very large vehicle components. Our Aldine® conversion coating tanks measure 132" x 72" x 96" deep and our CARC paint booth is 46' x 16' with a 12' ceiling.

**Complete pre-treatment capabilities**

Our customers' critical components routinely require complete pre-treatment to plating or painting. In-house pre-treatment capabilities including chemical and mechanical stripping, ultrasonic cleaning, vapor degreasing and passivation.

**Quality coating and plating solutions**

As our customers' specialty coatings and painting needs change, they rely on our innovative responses to ever more stringent requirements. With a keen understanding of painting, conversion coatings and copper, nickel, silver and cadmium plating, we welcome the opportunity to work closely with your engineering and production team to find the right solution for your coating or painting problem.

[REDACTED]

**CAREER OPPORTUNITIES**

[REDACTED]

[REDACTED]

layer removal process  
More about our solutions

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/7/13
Receiving ID#	Cu. Carbonate
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	[REDACTED]
Client	[REDACTED]
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Chya

Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	11.0	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.60	TDS	
Physical Description	Liquid	Resistivity	
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input checked="" type="radio"/>		
Temperature	71°F		
Conductivity	62.0 µS		
% Solids	65.0		
Turbidity	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Color (visual)	12.00		
TSS (%)	50.0		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

**GENERATOR INFORMATION**

Name: [REDACTED] USEPA ID: [REDACTED]  
 Facility Address: [REDACTED] SIC/NAICS Code: \_\_\_\_\_ State Code: \_\_\_\_\_  
 City: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]  
 Contact: [REDACTED] Phone: [REDACTED]

**BILLING INFORMATION**

SAME AS ABOVE

Company Name: [REDACTED]  
 Address: [REDACTED]  
 City: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]  
 Attention: [REDACTED] Phone: [REDACTED]

**WASTE INFORMATION**

Name of Waste/Common Chemical Name: Rain water runoff  
 Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
Rain water collected from runoff from scrape yard.

**USEPA / STATE WASTE IDENTIFICATION**

- This waste is considered to be:  Non Hazardous Liquid Industrial Waste  Hazardous Waste
- Regulated by TSCA?  Yes  No (PCBs, etc.)
- List ALL Applicable Waste Codes: D008

**PHYSICAL CHARACTERISTICS OF WASTE**

<b>Color:</b> <input type="checkbox"/> White/Clear <input checked="" type="checkbox"/> Black/Brown <input type="checkbox"/> Other _____	<b>Suspended Solids</b> <input type="checkbox"/> 0-1 % <input type="checkbox"/> 3-5 % <input checked="" type="checkbox"/> 1-3 % <input type="checkbox"/> > 5%	<b>Layers:</b> <input type="checkbox"/> Multi-Layered <input checked="" type="checkbox"/> Bi-Layered <input type="checkbox"/> Single Phase	<b>Specific Gravity:</b> <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.0 - 1.2 <input checked="" type="checkbox"/> 0.8 - 1.0 <input type="checkbox"/> 1.3 - 1.4 Exact / Other _____	<i>acceptable</i> <u>070715</u>
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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 - <10 PPM (MUST BE COMPLETED)

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

CONSTITUENT	MAX	MIN	CONSTITUENT	MAX	MIN
Water	85	95	%		
Oil	5	10	%		
Silt & dirt	2	5	%		
			%		
			%		

Metals: Indicate if this waste contains any of the following metals. If Generator knowledge-provide backup  
X Lab Analysis       Generator Knowledge

X TCLP      X TOTAL

Not Present		Concentration	Not Present		Concentration				
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Arsenic (As)	D004	<input checked="" type="checkbox"/>	< 5 ppm
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Barium (Ba)	D005	<input type="checkbox"/>	< 100 ppm
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Cadmium (Cd)	D006	<input type="checkbox"/>	< 1 ppm
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Chromium (Cr)	D007	<input type="checkbox"/>	< 5 ppm
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Lead (Pb)	D008	<input type="checkbox"/>	< 5 ppm
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Mercury (Hg)	D009	<input type="checkbox"/>	< 0.2 ppm
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Selenium (Se)	D010	<input type="checkbox"/>	< 1 ppm
<input type="checkbox"/>	<input type="checkbox"/>	ppm	<input type="checkbox"/>	<input type="checkbox"/>	ppm	Silver (Ag)	D011	<input type="checkbox"/>	< 5 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

- Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?       Yes  No
- Reportable Quantity (RQ) in pounds 10
- DOT Shipping Name NA3082, Hazardous waste liquid, N.O.S.      Hazard Class 9      UN/NA
- PG III      ERG 171      Hazardous Constituents for "n.o.s." Lead
- Method of Shipment:      X Bulk Tanker       Vac truck       Rail Car       Drums       Totes
- Number of Units to Ship Now: 5000 gallons      6. Anticipated Volume / Units per Year: 2      or  One Tin
- 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 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 warrant in the handling and processing of the waste material described herein. If this box is checked , I request Environmental Geo-Technologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the results of the sample characterization and/or regulatory requirements.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample of the waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative sample 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 Environmental Geo-Technology representative.

- SAMPLING METHOD \_\_\_\_\_ 2. COLLECTION POINT \_\_\_\_\_
- SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER \_\_\_\_\_
- 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

Report of Analysis

Project Requested by: [REDACTED]

Project Name: [REDACTED]

Samples Identification: Waste Water and Oil

UL Sample Numbers: 80684

UL Project number: 24253

Analyses Requested: Corrosivity (pH) ; F-Scan (E901-F902) ; Ignitability (Flash Point) ; PCBs (Aroclors) ; TCLP (Metals including Mercury) ; Total Halogens (TX in Oil) ; Total Metals (15)

Results: Analytical data starts on page 2 of this report.  
This report has 5 pages.

Date and Time of Request: 06/19/2015 11:55 AM

Date and Time of Report: 07/02/2015 05:45 PM

[REDACTED]

[REDACTED]

Project Name: [REDACTED]  
 Project Requested by: [REDACTED]  
 Sample Identification: Waste Water and Oil  
 Sample Matrix: Aqueous  
 Method of Sampling: Grab  
 Date/Time Sampled: 06/18/2015 11:00 AM  
 Sampled by: D. Folsom  
 Date/Time Sample Received: 06/19/2015 11:55 AM  
 Date/Time Data Reported: 07/02/2015 05:45 PM

UL Sample Number: 80684  
 UL Project Number: 24263

Parameter	Measured Concentration	Unit	Method of Analysis	Reported Detection Limit	Regulatory Level	Footnote
<u>Corrosivity (pH)</u>						
pH (Corrosivity)	8.6	pH	9040	N/A	(2.0-12.5)	
Analyst: MDS		Date/Time Prepared: 06/19/2015 12:10 PM		Date/Time Analyzed: 06/19/2015 12:10 PM		

F-Scan (F001-F002)

1,1,2-Trichloro-1,2,2-trifluoroethane	<50.0	mg/L	8260	50.0		
Methylene chloride	<20.0	mg/L	8260	20.0		
1,1,1-Trichloroethane	<10.0	mg/L	8260	10.0		
Tetrachloroethylene	<10.0	mg/L	8260	10.0		
Carbon tetrachloride	<10.0	mg/L	8260	10.0		
Chlorobenzene	<10.0	mg/L	8260	10.0		
Dichlorodifluoromethane	<50.0	mg/L	8260	50.0		
1,2-Dichlorobenzene	<10.0	mg/L	8260	10.0		
Trichlorofluoromethane	<50.0	mg/L	8260	50.0		
1,1,1-Trichloroethane	<10.0	mg/L	8260	10.0		
Trichloroethylene	<10.0	mg/L	8260	10.0		
Analyst: DT		Date/Time Prepared: 06/29/2015		Date/Time Analyzed: 06/29/2015 07:43 PM		

Ignitability (Flash Point)

Flash Point	>200	°F	1010	N/A	140
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Project Name: [REDACTED]  
 Project Requested by: [REDACTED]  
 Sample Identification: [REDACTED]

Sample Matrix: Aqueous

Method of Sampling: Grab

Date/Time Sampled: 06/18/2015 11:00 AM

Sampled by: [REDACTED]

Date/Time Sample Received: 06/19/2015 11:55 AM

Date/Time Data Reported: 07/02/2015 05:45 PM

[REDACTED]

<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>PCBs (Aroclors)</u>						
PCB 1016	<0.0100	mg/L	8082	0.0100		
PCB 1221	<0.0100	mg/L	8082	0.0100		
PCB 1232	<0.0100	mg/L	8082	0.0100		
PCB 1242	<0.0100	mg/L	8082	0.0100		
PCB 1248	<0.0100	mg/L	8082	0.0100		
PCB 1254	<0.0100	mg/L	8082	0.0100		
PCB 260	<0.0100	mg/L	8082	0.0100		

Analyst: SS      Date/Time Prepared: 06/24/2015      Date/Time Analyzed: 06/26/2015 01:04 PM

CLP (Metals, including Mercury)

CLP (Metals)

arsenic	<0.500	mg/L	6010B	0.500	5.00	
barium	0.358	mg/L	6010B	0.200	100	
cadmium	0.224	mg/L	6010B	0.200	1.00	
chromium	1.75	mg/L	6010B	0.200	5.00	
copper	10.1	mg/L	6010B	0.200	100	
lead	9.69	mg/L	6010B	0.200	5.00	
mercury	<0.700	mg/L	6010B	0.700	1.00	
manganese	<0.200	mg/L	6010B	0.200	5.00	
nickel	4.60	mg/L	6010B	0.200	500	

Analyst: MDS/BS      Date/Time Prepared: 06/26/2015 03:40 PM      Date/Time Analyzed: 06/28/2015 10:49 PM

Project Name: [REDACTED]

Project Requested by: [REDACTED]

Sample Identification: Waste Water and Oil

Sample Matrix: Aqueous

Method of Sampling: Grab

Date/Time Sampled: 06/18/2015 11:00 AM

Sampled by: [REDACTED]

Date/Time Sample Received: 06/19/2015 11:35 AM

Date/Time Data Reported: 07/02/2015 05:45 PM

Parameter	Measured Concentration	Unit	Method of Analysis	Reported Detection Limit	Regulatory Level	Footnote
<u>TCLP Mercury</u>						
Mercury	<0.000250	mg/L	7470	0.000250	0.200	
Analyst: HT/AM	Date/Time Prepared: 07/01/2015 01:00 PM		Date/Time Analyzed: 07/02/2015 11:57 AM			
<u>Total Halogens (TX in Oil)</u>						
Halogens (as Cl)	450	mg/L	9077	200		1
Analyst: MDS	Date/Time Prepared: 06/22/2015 02:15 PM		Date/Time Analyzed: 06/22/2015 02:15 PM			
<u>Total Metals (15)</u>						
<u>Total Metals</u>						
Antimony	<0.500	mg/L	200.7	0.500		
Arsenic	<0.500	mg/L	200.7	0.500		
Barium	0.482	mg/L	200.7	0.500		
Cadmium	<0.0400	mg/L	200.7	0.0400		
Chromium	0.142	mg/L	200.7	0.0400		
Cobalt	0.0599	mg/L	200.7	0.0400		
Copper	10.3	mg/L	200.7	0.0400		
Lead	5.50	mg/L	200.7	0.0400		
Niobium	0.530	mg/L	200.7	0.0400		
Nickel	1.00	mg/L	200.7	0.0400		
Ni	<1.00	mg/L	200.7	1.00		
Vanadium	0.210	mg/L	200.7	0.0400		
Zinc	7.19	mg/L	200.7	0.0400		
Selenium	<1.00	mg/L	200.7	1.00		
Analyst: BS	Date/Time Prepared: 07/01/2015		Date/Time Analyzed: 07/02/2015 08:41 PM			



Project Name: [REDACTED]  
 Project Requested by: [REDACTED]  
 Sample Identification: Wastewater and Oil  
 Sample Matrix: Aqueous  
 Method of Sampling: Grab  
 Date/Time Sampled: 06/18/2015 11:00 AM  
 Sampled by: [REDACTED]

Date/Time Sample Received: 06/19/2015 11:55 AM  
 Date/Time Data Reported: 07/02/2015 05:45 PM

[REDACTED]

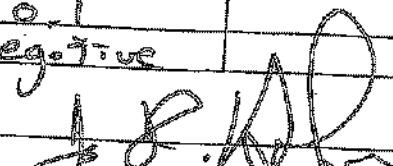
<u>Parameter</u>	<u>Measured Concentration</u>	<u>Unit</u>	<u>Method of Analysis</u>	<u>Reported Detection Limit</u>	<u>Regulatory Level</u>	<u>Footnote</u>
<u>Total Mercury</u>						
Mercury	<0.000250	mg/L	7470	0.000250		

Analyst: HT7AM      Date/Time Prepared: 07/01/2015 01:00 PM      Date/Time Analyzed: 07/02/2015 12:06 PM

Footnotes:  
 1) Inappropriate analysis for sample matrix.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7/17/15
Receiving ID#	Waste H2O: 0-1
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	[REDACTED]
Client	
Transporter	
Time in	
Time out	
Received by	J.A.
Sampled by	CL: [REDACTED]

Compatible? (RT# )	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	8.0	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.00	TDS	
Physical Description	15 gal	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil in Sample	Yes (No)		
Temperature	71°F		
Conductivity	4.9 mS		
% Solids	1.8		
Turbidity	(Yes) No		
Color (visual)	2.0		
TSS (%)	0.1		
Radiation Screen (as needed)	Negative		
Lab Signature			

GENERATOR INFORMATION  
 Name: [REDACTED]  
 Facility Address: [REDACTED] SEPA ID #: [REDACTED]  
 City: [REDACTED] C/NAICS Code: [REDACTED] State Code: [REDACTED]  
 Contact: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]

BILLING INFORMATION  
 Company Name: [REDACTED] SAME AS ABOVE  
 Address: [REDACTED]  
 City: [REDACTED] State: [REDACTED]  
 Attention: [REDACTED]

WASTE INFORMATION

Name of Waste/Common Chemical Name:

NITRIC POUCH SLURRY

Process Generating Waste (Please be specific, incomplete information may delay the approval process):

Removal of Nitric Pouch Slurry from tanks after  
 Strapping drums placed off Pools

USEPA / STATE WASTE IDENTIFICATION

This waste is considered to be:  Non Hazardous Liquid Industrial Waste  
 Regulated by TSCA?  Yes  No (PCBs, etc.)  Hazardous Waste

List ALL Applicable Waste Codes: D002 D007

PHYSICAL CHARACTERISTICS OF WASTE

Color: <input type="checkbox"/> White/Clear <input type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other <u>White</u>	Suspended Solids <input checked="" type="checkbox"/> 0-1% <input type="checkbox"/> 1-3% <input type="checkbox"/> 3-5% <input type="checkbox"/> > 5%	Layers: <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	Specific Gravity: <input type="checkbox"/> <0.8 <input type="checkbox"/> 1.0-1.2 <input type="checkbox"/> 0.8-1.0 <input checked="" type="checkbox"/> 1.3-1.4 Exact / Other
--	--	--	--

NA  ≤ 2  2-4  4-6  6-8  8-10  10-12.5  ≥ 12.5

*acceptable*  
 070915

Fluid Flash Point:  <73°F  73-100°F  101-140°F  141-200°F  >200°F  None  Closed Cup  Open Cup

CONCENTRATION - 0%

PPM (MUST BE COMPLETED)

EMULSION  
 FULL COMPOSITION OF WASTE - MUST BE EQUAL TO OR GREATER THAN 100% (LIST EACH CONSTITUENT >= 0.1%)

EMULSION	MAX	MIN	CONSTITUENT	MAX	MIN
<u>2</u>	<u>0</u>	<u>1</u>	<u>Phosphorus</u>		
<u>0</u>	<u>2</u>	<u>5</u>	<u>Water</u>	<u>1</u>	<u>2</u>
<u>100</u>	<u>0</u>	<u>1</u>	<u>Nitric Acid</u>	<u>0</u>	<u>10</u>
	<u>5</u>	<u>10</u>		<u>20</u>	<u>30</u>

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				
CB	<input checked="" type="checkbox"/>	ppm	Aromatic Amine	<input checked="" type="checkbox"/>	ppm	Arsenic (As)	D004	<input type="checkbox"/>	< 5 ppm
Dioxins	<input checked="" type="checkbox"/>	ppm	Pesticides	<input checked="" type="checkbox"/>	ppm	Barium (Ba)	D005	<input type="checkbox"/>	< 100 ppm
Cyanides Reactive	<input checked="" type="checkbox"/>	ppm	Rodenticides	<input checked="" type="checkbox"/>	ppm	Cadmium (Cd)	D006	<input type="checkbox"/>	< 1 ppm
Cyanides Total	<input checked="" type="checkbox"/>	ppm	Fungicides	<input checked="" type="checkbox"/>	ppm	Chromium (Cr)	D007	<input checked="" type="checkbox"/>	< 5 ppm
Sulfides Reactive	<input checked="" type="checkbox"/>	ppm				Lead (Pb)	D008	<input checked="" type="checkbox"/>	< 5 ppm
Sulfides Total	<input checked="" type="checkbox"/>	ppm				Mercury (Hg)	D009	<input type="checkbox"/>	< 0.2 ppm
						Selenium (Se)	D010	<input type="checkbox"/>	< 1 ppm
						Silver (Ag)	D011	<input type="checkbox"/>	< 5 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 RQ WASTE CORROSIVE LIQUID, ACIDIC, INHIBITED Hazard Class 8 UN/NA 320  
PG 11 ERG 154 Hazardous Constituents for "n.o.s." NIALLY NITRATE
4. Method of Shipment:  Bulk Tanker  Vac truck  Rail Car  Drums  Totes
5. Number of Units to Ship Now: 2000
6. Anticipated Volume / Units per Year: YEAR or  One Time
6. Special Handling Requirements including PPE: COCONOVA

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 warrant in the handling and processing of the waste material described herein. If this box is checked , I request Environmental Geo-Technologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the results of the sample characterization and/or regulatory requirements.

Printed Name: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample 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 Environmental Geo-Technologies representative.

1. SAMPLING METHOD \_\_\_\_\_ 2. 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

[Redacted]

Ship To: [Redacted]  
 Date: [Redacted]  
 Sales Cont: [Redacted]

Sampling Log	
Date of Sampling	_____
Time of Sampling	_____
Sampler Name	_____
Sampler Sign	_____
Sampler Title	_____
Affiliated Comp.	_____

### Material Profile Form

Company Name: [Redacted] EPA ID: [Redacted]  
 Street Address: [Redacted] Phone: [Redacted]  
 City-State-Zip: [Redacted] Fax: [Redacted]  
 Contact Name: [Redacted] Emergency Ph: [Redacted]  
 Email: [Redacted]  
 Billing Address (if different): [Redacted]  
 Billing Contact Details: [Redacted]

### Material Characterization

Material Name: [Redacted]  
 Other Name: [Redacted]  
 Physical State: [Redacted]  
 Wt% Free Acid: Nitric Acid 10 - 25%  
 Reactivity Type: reacts with alkali  
 Wt% Fillers Present: None  
 Heating Value (BTU/lb): N/A

pH (if appropriate): < 2 (Acidic)  
 Specific Gravity: 1.22  
 Flash Point (°F): N/A  
 Color: green

Does the material contain any of the following? Halogenated organics (PCB), dioxins, medical waste, shock sensitive materials, biohazards, furans, asbestos, radioactive waste, BTX solvents, phenolics, poisons, sulfides or explosives:  Yes  No  
 If YES (please list here): \_\_\_\_\_

### Composition Analysis (weight % or mg/L):

Generator Knowledge			Actual Analysis			MSDS		
Description	Units	Range	Description	Units	Range	Description	Units	Range
Chromium	ppm	4.6	Phosphorous	ppm	< 100			
Copper	ppm	8.1	Water	wt %	Balance			
Lead	ppm	1.6						
Nickel	ppm	96.00						

Others: Sa, Be, Bi, As, Cd, Hg, Sn, cyanide, solvents, chelating agents are not present.

Process generating this material/Other mixing at the facility:

Stripping of metal built up on rack contacts during plating process. Stripping of defective plated parts to re-process the part.  Any Cyanide Plating?

TGLP Is Required  Yes  No  Metals Only  Complete

Regulatory Classification:

RCRA Hazardous Waste?  Yes  No  Exempt  
If Yes,  Listed Waste /  Characteristic Waste

Toxic  Corrosive  Reactive  Flammable

What are the Hazardous Waste Codes? \_\_\_\_\_  
If "Presently Exempt," Please explain: See Below

This material is excluded from being a waste because Material will be used in an industrial process to make a product without being reclaimed. Per 40 CFR Subpart 261.3 (a) (1) (i) (B) and OAC Rule 3745-81-02 (E) (1) (a) (b)

Does any state codes apply?  Yes  No If "Yes" give state codes: \_\_\_\_\_

According to U.S. EPA / RCRA Regulations, this material is:  
 Byproduct  Sludge  Substitute Commercial Product  Spent Material

DOT Information:

Hazardous Material  Yes  No ERG No: 154

DOT shipping name: RQ, Corrosive liquid, Acidic, Inorganic, n.o.s. (Nickel Nitrate)

Class: 8 UN / NA# 3264 Packing Group: II

Nitric Acid Stripper for Use-Reuse

Reportable Quantity: Ni Nitrate = 100 lbs Placard: Corrosive

Hazardous Waste Manifest Required?  Yes  No

Quantity: 2000 gal. per quarter

Packaging:  P55D  Boxes  S55D  Bags  Tanker  Roll-offs  Totes  Other \_\_\_\_\_

Special Handling Instructions: \_\_\_\_\_

\*\*\*\*\*Generator Certification\*\*\*\*\*

I authorize Agmet to make corrections to this waste profile. I understand that I will be required to confirm any changes in writing, excluding generator and billing details  
a Yes c No

I certify that an identification of the material offered for recycling and described in this material profile form and any supplements attached hereto is complete, true and accurate. My certification is based on my personal knowledge and/or information submitted by others responsible for obtaining the information, about which I have made diligent inquiries to satisfy me that it is complete. If there is major process and/or product quality changes, I am obligated to notify and revise this profile

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Firm Name & Title: \_\_\_\_\_

Date Approved: \_\_\_\_\_

Print Name: \_\_\_\_\_

**GENERATOR INFORMATION**

Name: [REDACTED] USEPA ID: [REDACTED]  
 Facility Address: [REDACTED] SIC/NAICS Code: [REDACTED] State Code: [REDACTED]  
 City: [REDACTED] State: [REDACTED] Zip Code: [REDACTED]  
 Contact: [REDACTED] Title: [REDACTED] Phone: [REDACTED]  
 BILLING INFORMATION:  SAME AS ABOVE

Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Attention: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_ Fax: ( ) \_\_\_\_\_

**WASTE INFORMATION**

Names of Wastes/Common Chemical Name:  
Phos. based Cleaner (H3PO4)  
 Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
Carbon Steel cleaning bath

**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 D007

**PHYSICAL CHARACTERISTICS OF WASTE**

<b>Color:</b> <input type="checkbox"/> White/Clear <input type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other <u>brownish</u>	<b>Suspended Solids</b> <input type="checkbox"/> 0-1 % <input checked="" type="checkbox"/> 1-3 % <input type="checkbox"/> 3-5 % <input type="checkbox"/> >5 %	<b>Layers:</b> <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	<b>Specific Gravity:</b> <input type="checkbox"/> <0.8 <input checked="" type="checkbox"/> 1.0-1.2 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.3-1.4 Exact / Other _____	acceptable 0.81715
--	---	---	---	-----------------------

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 ≥ 0.1%)**

CONSTITUENT	MAX	MIN	CONSTITUENT	MAX	MIN
<u>Phosphoric Acid</u>	<u>20</u>	<u>10</u>			
<u>Water</u>	<u>85</u>	<u>90</u>			
<u>Solvent</u>	<u>15</u>	<u>0</u>			

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	<input checked="" type="checkbox"/>	_____ ppm	Aromatic Amine	<input checked="" type="checkbox"/>	_____ ppm	Arsenic (As)	D004	<input checked="" type="checkbox"/> < 5 ppm
Dioxins	<input checked="" type="checkbox"/>	_____ ppm	Pesticides	<input checked="" type="checkbox"/>	_____ ppm	Barium (Ba)	D005	<input checked="" type="checkbox"/> < 100 ppm
Cyanides Reactive	<input checked="" type="checkbox"/>	_____ ppm	Rodenticides	<input checked="" type="checkbox"/>	_____ ppm	Cadmium (Cd)	D006	<input checked="" type="checkbox"/> < 1 ppm
Cyanides Total	<input checked="" type="checkbox"/>	_____ ppm	Fungicides	<input checked="" type="checkbox"/>	_____ ppm	Chromium (Cr)	D007	<input checked="" type="checkbox"/> < 5 ppm
Sulfides Reactive	<input checked="" type="checkbox"/>	_____ ppm				Lead (Pb)	D008	<input checked="" type="checkbox"/> < 5 ppm
Sulfides Total	<input checked="" type="checkbox"/>	_____ ppm				Mercury (Hg)	D008	<input checked="" type="checkbox"/> < 0.2 ppm
						Selenium (Se)	D010	<input checked="" type="checkbox"/> < 1 ppm
						Silver (Ag)	D011	<input checked="" type="checkbox"/> < 5 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
- NESHAQ Wastes (Benzene, etc.)
- Biological
- None Apply

See attached

SHIPPING INFORMATION

- Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?  Yes  No
- Reportable Quantity (RQ) in pounds \_\_\_\_\_
- DOT Shipping Name Waste Corrosive Liquid, Acidic, inorganic, NO<sub>3</sub>, (phosphoric acid) Hazard Class 8 UN182
- PG III ERG \_\_\_\_\_ Hazardous Constituents for "h.o.s." phosphoric Acid
- Method of Shipment:  Bulk Tanker  Vac truck  Rail Car  Drums  Totes
- Number of Units to Ship Now: 2000
- Special Handling Requirements including PPE: N/A

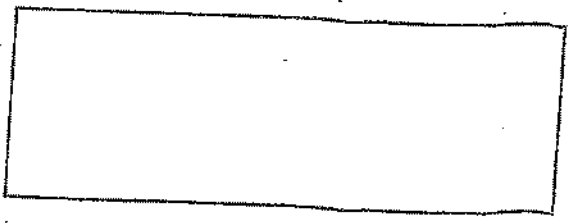
CERTIFICATION STATEMENT

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Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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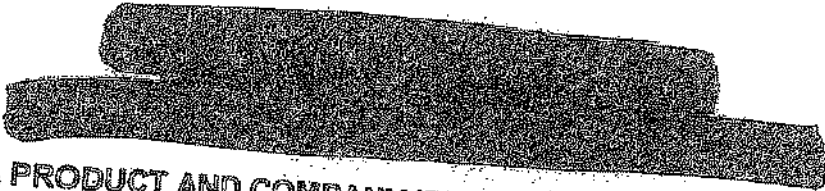
- GRAB SAMPLING METHOD
- COLLECTION POINT
- SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER
- Sample No. \_\_\_\_\_ Preservation: Yes  No



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



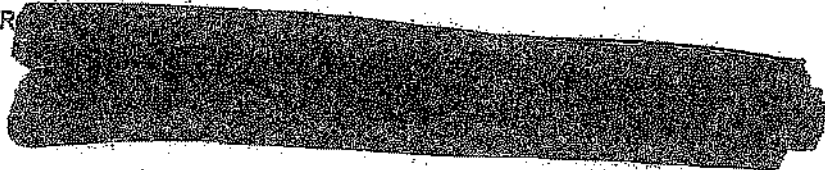


**SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: C-CLEAN 1090LF  
PRODUCT 10903

HMS  
Health: 2  
Flammability: 0  
Reactivity: 1

MANUFACTURER:  
TELEPHONE:  
ADDRESS:



**SECTION II - COMPOSITION, INFORMATION ON HAZARDOUS INGREDIENTS**

*Ingredients*

Phosphoric Acid

CAS	Percent	OSHA PEL	ACGIH TLV	SARA III
7664-38-2	< 85 %	1 mg/m3	1 mg/m3	X

**SECTION III - HAZARDS IDENTIFICATION**

May be harmful if swallowed. May cause skin and eye irritation. Eye protection and rubber gloves are recommended when handling this product.

**SECTION IV - FIRST AID MEASURES**

In case of eye or skin contact flush with large amounts of water for 15 minutes. If irritation persists, see physician. In case of ingestion, do not induce vomiting; drink large quantities of water to dilute product. Get medical attention at once.

**SECTION V - FIRE FIGHTING MEASURES**

FLASHPOINT: No Flash LEL: N/E UEL: N/E  
GENERAL HAZARD: Does not propose a significant fire hazard.  
EXTINGUISHING MEDIA: Water, Foam, Carbon Dioxide

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

Notify the appropriate authorities immediately. Avoid uncontrolled release of this material to environment. Contain spilled liquid with sand, earth or absorbent material. Transfer to secure chemical waste container.

**SECTION VII - HANDLING AND STORAGE**

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials and flame, heat or other source of ignition. Do not reuse empty containers without commercial cleaning.

[REDACTED]

## SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

**EYE PROTECTION:** Wear chemical resistant safety glasses, splash goggles or face shield.  
**SKIN PROTECTION:** Wear chemical resistant rubber gloves.  
**RESPIRATORY PROTECTION:** For most conditions, no respiratory protection should be needed.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b> Liquid	<b>SPECIFIC GRAVITY:</b> 1.28 to 1.34
<b>COLOR:</b> Blue Green	<b>pH:</b> 0.7 to 1.3
<b>ODOR:</b> Non-objectionable	<b>BOILING POINT:</b> 212° F
<b>SOLUBILITY:</b> 100%	<b>VAPOR PRESSURE:</b> 24 mm Hg @ 75° F

## SECTION X - STABILITY AND REACTIVITY

**GENERAL:** This product is stable and hazardous polymerization will not occur.  
**INCOMPATIBILITY:** Strong oxidizing agents. Do not mix with other chemicals.  
**DECOMPOSITION:** None.

## SECTION XI - TOXICOLOGICAL INFORMATION

No data available.

## SECTION XII - ECOLOGICAL INFORMATION

No data available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of according to federal, state and/or local requirements and your company policy. Safety precautions listed on this MSDS also apply to empty containers.

## SECTION XIV - TRANSPORT INFORMATION

DOT Hazard Class: Corrosive liquids, N.O.S., (Contains PHOSPHORIC ACID), 8, UN1760, PGII

## SECTION XV - REGULATORY INFORMATION

Component chemicals are subject to the reporting requirements of SECTION 313 of SARA TITLE III. Please see MSDS Section II for exposure levels. The listed percent should be used to determine reporting requirements.

## SECTION XVI - OTHER INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

Sample Date: 8/5/2015  
 Submit Date: 8/5/2015  
 Report Date: 8/7/2015

B.A. Report Number: [REDACTED]

BA Sample ID: [REDACTED]

Project Name: [REDACTED]

Project Number: [REDACTED]

Sample ID: Phos Cleaner

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
<b>TCLP Metal Analysis</b>						
TCLP Arsenic	1500	ug/L	200	SW846 6020	LT	8/7/2015
TCLP Barium	1400	ug/L	100	SW846 6020	LT	8/7/2015
TCLP Cadmium	530	ug/L	40	SW846 6020	LT	8/7/2015
TCLP Chromium	8100	ug/L	10	SW846 6020	LT	8/7/2015
TCLP Copper	2400	ug/L	100	SW846 6020	LT	8/7/2015
TCLP Lead	Not detected	ug/L	200	SW846 6020	LT	8/7/2015
TCLP Mercury	Not detected	ug/L	2	SW846 7470A	LS	8/6/2015
TCLP Selenium	Not detected	ug/L	300	SW846 6020	LT	8/7/2015
TCLP Silver	Not detected	ug/L	100	SW846 6020	LT	8/7/2015
CLP Zinc	140000	ug/L	70	SW846 6020	LT	8/7/2015
TCLP Mercury (digestion)	Digested			7470	LS	8/6/2015
TCLP Metal (digestion)	Digested			3015	HD	8/6/2015
<b>Inorganic Analysis</b>						
pH	1.8	S.I.				
Phosphorus (total)	32000000	ug/L	10	SW846 9040B SM4500 PE	HD MB	8/6/2015 8/6/2015

ppm  
 1.5  
 1.4  
 0.53  
 8.1  
 2.4

ppb

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by: [REDACTED]

Date: [REDACTED]

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	8/17/15	
Receiving ID#	H3904	
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator	[REDACTED]	
Client	[REDACTED]	
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	C. [REDACTED]	

Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	3.1	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.07	TDS	
Physical Description	Liquid	Resistivity	
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input checked="" type="radio"/>		
Temperature	78°F		
Conductivity	18.2 mS		
% Solids	9.3		
Turbidity	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Color (visual)	Brown		
TSS (%)	< 0.1		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		