

January 16, 2017

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 fully-completed thirty-seventh Monthly Report in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011).

As stated in my 12.30.16 letter, due to two unanticipated medical situations, portions of the attached report could not be fully completed until our Plant Manager's return (and simultaneous rectification of some computer issues that were completed as well). As I had promised in that letter, this report would be submitted within 2 weeks and by January 16, 2017. Thank you very much for your consideration in allowing this time extension.

The entire report is hereby submitted. 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 mentioned previously, EGT hereby timely submits its eighteenth Injection Fluid Analyses (for November, 2016) identified on both Pages A-3 of 3 also in conformance with EGT's two EPA UIC permits with the attached "Data Summary Sheet" from a contract laboratory, Ann Arbor Technical Services, Inc., and, those results demonstrate compliance with all of the limits for each of the chemical entities ("Names) identified on Page A-3 of 3 for F039 waste which EGT accepted in April.

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 interim report satisfactory, however, if you have any questions or comments, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard J. Powals". The signature is fluid and cursive, with a large initial "R" and "P".

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

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

att.

rip011617/EGTEPAMonthlyReport-November, 2016



290 South Wagner Road
Ann Arbor, Michigan 48103
Tel. 734/995-0995 Fax. 734/995-3731
Michigan Laboratory ID: 8804
Wisconsin Laboratory ID: 99321720

Semivolatile Organic Compounds Data Summary Sheet

For: Mr. Richard Powals
Environmental Geo-Technologies, Inc.
28470 Citrin Drive
Romulus, MI 48174

ATS Project: Environmental Geo-Technologies, Inc. #E008-000

Report Date: 12/29/16

ATS SRF: 1207161

Sample Identification: November Composite 2016

Sample Date:	11/30/16	QC Batch Number:	QCORG1207161-E
Laboratory Receipt Date:	12/7/16		B6L0082
Preparation Date:	12/7/16, 12/14/16	Sample Matrix:	Wastewater
Analysis Date:	12/28/16, 12/16/16	Dilution Factor:	500

<u>Parameter (CAS)</u>	<u>Method</u>	<u>Units</u>	<u>Result</u>	<u>Reporting Limit</u>
Aldrin (309-00-2)	EPA 8270 Mod	mg/mL	<0.00001	0.00001
Benzidine (92-87-6)	EPA 8270 Mod	mg/mL	<0.00075	0.00075
N-Nitrosodimethylamine (62-75-9)	EPA 8270 Mod	mg/mL	<0.0001	0.0001
Tetraethyl Lead (78-00-2)	EPA 8270 Mod	mg/mL	<0.00005	0.00005
Hexachlorodibenzo-p-dioxins	EPA 1613B	mg/mL	<0.0000000005	0.0000000005
Octachlorodibenzofuran (39001-02-0)	EPA 1613B	mg/mL	<0.0000000005	0.0000000005
stachlorodibenzo-p-dioxin (3268-87-9)	EPA 1613B	mg/mL	<0.0000000005	0.0000000005
Tetrachlorodibenzo-p-dioxins	EPA 1613B	mg/mL	<0.0000000004	0.0000000004

<u>Surrogates / Labeled Standards:</u>	<u>Method</u>	<u>Percent Recovery</u>	<u>Recovery Limits</u>
2-Fluorobiphenyl	EPA 8270 Mod	64.4	(50 - 150)
Nitrobenzene-d5	EPA 8270 Mod	72.6	(50 - 150)
p-Terphenyl-d14	EPA 8270 Mod	112.0	(50 - 150)
Tetrachloro-m-xylene (TCMX)	EPA 8270 Mod	92.8	(50 - 150)
13C-1,2,3,4,7,8-HxCDD	EPA 1613B	78.4	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	EPA 1613B	75.5	(28 - 130)
13C-1,2,3,7,8,9-HxCDD	EPA 1613B	78.4	(32 - 141)
13C-OCDF	EPA 1613B	78.5	(17 - 157)
13C-OCDD	EPA 1613B	73.6	(17 - 157)
13C-2,3,7,8-TCDD	EPA 1613B	87.9	(25 - 164)

Comments:

USEPA Analysis 1613B performed by Vista Analytical.

AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR 2016CURRENT REPORTING MONTH NOVEMBERDate (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	536,428	0	536,428
Since facility first injected			7,236,728
MI-163-1W-C011, Well #2-12			
Current Month	0	0	0
Since facility first injected			3,998,474
		Lifetime Combined	11,235,202

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 36

36 lifetime number of months of injection × 43,830 minutes/month
 = 1,577,880 minutes of injection

Lifetime combined injected volume 11,235,202 × 1,577,880 minutes of injection
 = 7.1 gpm average injection rate

WELL 1 DATA

WELL 01 Monthly Data

Date	Injection Pressure (PSIG)		Sight Glass Level (in)		Annulus Pressure (PSIG)		Injectate pH		Flow Rate (GPM)		Differential Pressure (PSIG)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
11/1/2016	17.3	503.2	24.3	24.7	965.0	1178.4	5.5	12.5	0.0	90.2	674.8	962.9
11/2/2016	-5.5	454.0	24.4	26.9	897.1	1200.0	1.2	7.9	0.0	103.7	573.9	1010.1
11/3/2016	-5.5	380.2	24.4	26.2	900.0	1200.1	0.1	8.6	0.0	97.5	630.8	1010.8
11/4/2016	-5.3	427.5	24.4	25.9	892.9	1200.1	1.0	11.9	0.0	92.9	619.8	1015.1
11/5/2016	-4.2	546.1	24.6	24.9	880.2	1141.0	7.9	7.9	0.0	84.1	585.3	901.8
11/6/2016	42.6	493.3	24.2	25.6	893.1	1200.0	7.9	7.9	0.0	57.4	522.5	945.0
11/7/2016	40.5	547.8	24.4	24.7	950.4	1190.6	1.7	16.1	0.0	68.7	642.7	913.1
11/8/2016	-10.0	583.0	24.4	24.7	928.7	1190.0	0.7	8.8	0.0	104.3	605.6	947.8
11/9/2016	-10.0	504.7	24.1	24.8	900.0	1164.2	-0.9	17.0	0.0	144.3	647.5	1015.5
11/10/2016	-10.0	387.8	24.1	25.4	893.1	1200.3	-0.8	13.7	0.0	182.0	616.3	1045.3
11/11/2016	-9.9	492.1	24.4	24.7	910.4	1141.5	-0.9	19.2	0.0	151.1	633.2	941.7
11/12/2016	-9.8	512.8	24.3	24.6	905.9	1149.6	-0.4	19.2	0.0	186.3	622.2	929.7
11/13/2016	-10.3	514.0	24.3	24.6	910.4	1149.6	0.2	7.9	0.0	73.6	630.9	925.8
11/14/2016	-10.0	607.3	24.4	24.7	905.5	1188.4	7.9	7.9	0.0	122.7	577.2	924.2
11/15/2016	7.8	708.6	24	25.7	884.8	1200.1	7.9	7.9	0.0	73.4	330.6	973.3
11/16/2016	-10.0	522.4	23.8	24.8	899.9	1201.0	7.9	7.9	0.0	186.9	665.0	1154.7
11/17/2016	-10.0	481.7	23.8	24.9	899.9	1200.3	7.9	7.9	0.0	272.1	581.3	1106.8
11/18/2016	-9.9	573.0	24.1	24.4	971.2	1182.5	7.9	7.9	0.0	104.4	609.5	991.1
11/19/2016	71.1	557.8	24.2	25.5	896.7	1200.2	-4.0	19.1	0.0	73.4	458.7	895.6
11/20/2016	69.3	71.5	24.2	24.5	964.6	966.7	7.1	11.6	0.0	1.0	894.9	895.9
11/21/2016	-10.0	639.1	23.9	24.6	899.8	1200.0	-0.1	11.2	0.0	125.9	514.1	1060.7
11/22/2016	-10.0	508.9	23.9	25.4	891.4	1200.1	7.9	7.9	0.0	142.9	542.9	1058.8
11/23/2016	-9.9	588.5	24.2	25.8	890.4	1200.2	7.9	7.9	0.0	127.6	416.6	1001.2
11/24/2016	-8.1	-7.2	24.3	24.4	921.7	924.7	7.9	7.9	0.0	0.0	929.1	932.3
11/25/2016	-8.0	-7.1	24.3	24.5	920.2	921.7	7.9	7.9	0.0	0.0	927.6	929.8
11/26/2016	-8.2	-7.3	24.2	24.5	918.7	920.4	7.9	17.8	0.0	0.0	926.3	928.0
11/27/2016	-8.1	-7.2	24.2	24.5	917.7	918.8	7.9	7.9	0.0	0.0	924.9	926.7
11/28/2016	-9.1	692.8	24.2	26.1	891.5	1200.2	7.9	7.9	0.0	276.2	354.0	945.2
11/29/2016	-9.8	662.9	24.1	24.7	899.7	1188.0	7.9	7.9	0.0	80.3	522.7	993.6
11/30/2016	-9.9	721.3	24.1	26.1	889.3	1203.0	7.9	8.8	0.0	151.2	338.5	993.1

Circle Chart Index

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

Chart Recorder #1

Channel #1

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

Channel #2

Red Pen – Well 1 Annulus Pressure (chart value x 30)

Channel #3

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

Channel #4

Black Pen – Well 1 Annulus Tank Level (chart value x 0)

Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #3

Channel #1

Blue Pen – Injection pH Well 1 & 2 (chart value x 30)

Channel #2

Red Pen – Well 1 Monthly Volume (chart value x 30)

Channel #3

Green Pen – Well 2 Monthly Volume (chart value x 4)

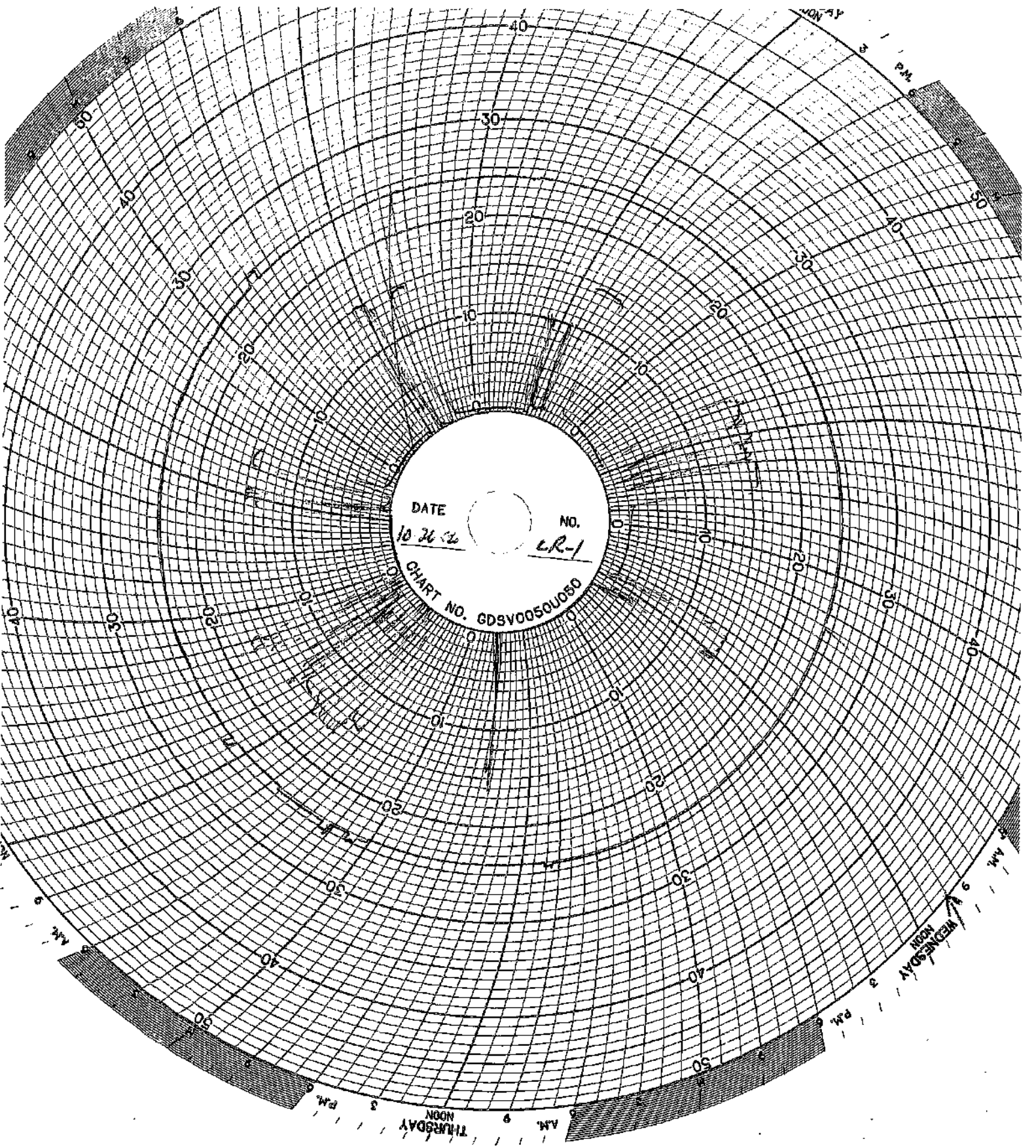
Channel #4

Black Pen – Temperature (chart value x 0)

DATA DESCRIPTION

November 2016

The circle charts for the third week of November, dated 11/15/16, were inadvertently misplaced and efforts continue to attempt to locate them.



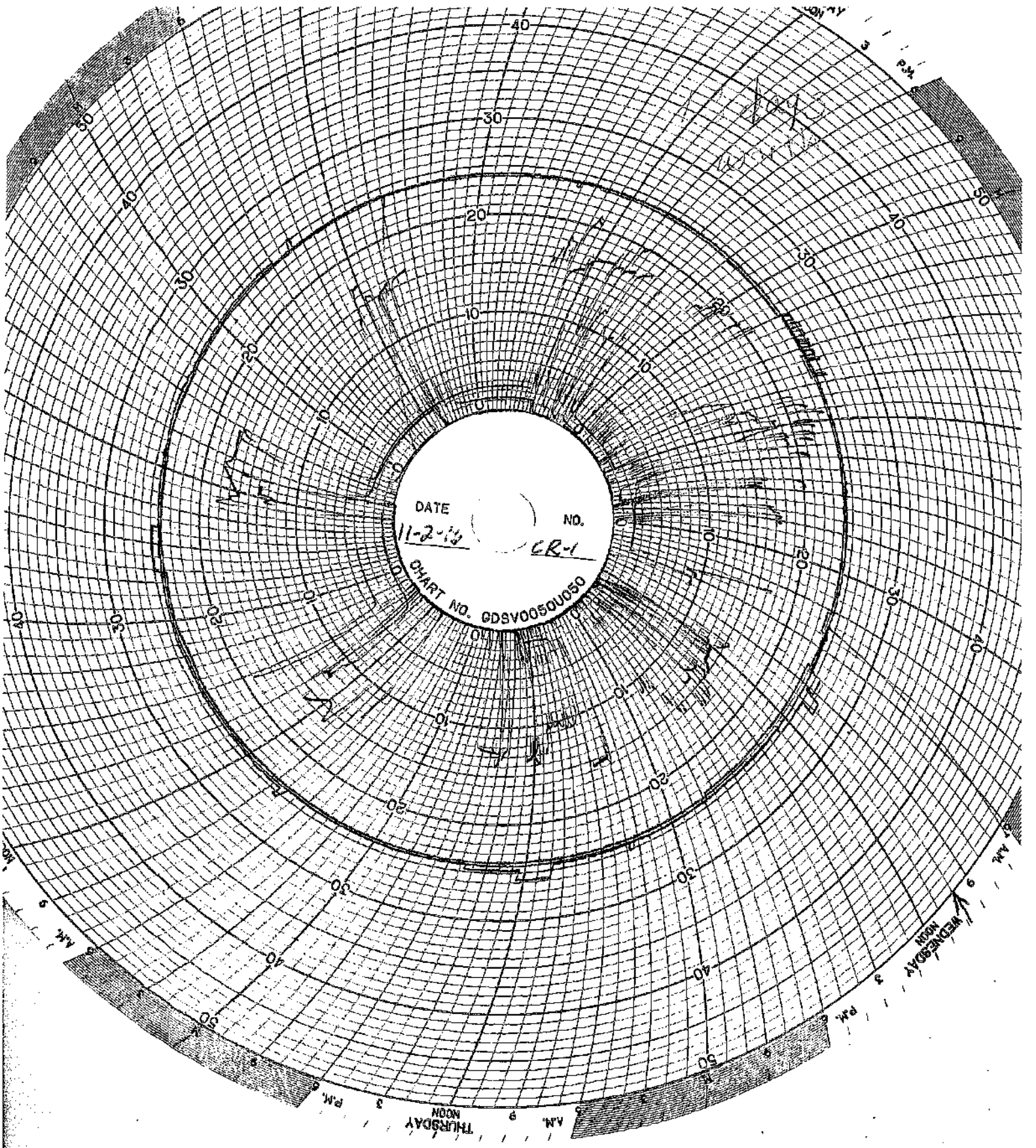
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NO.
LR-1

CHART NO. GDSV0050U050

AM 9
NOON
THURSDAY 3 PM 6

AM 9
NOON
WEDNESDAY 3 PM 6



DATE 11-2-14
NO. CR-1
CHART NO. GDSV0050U050

WEDNESDAY

THURSDAY

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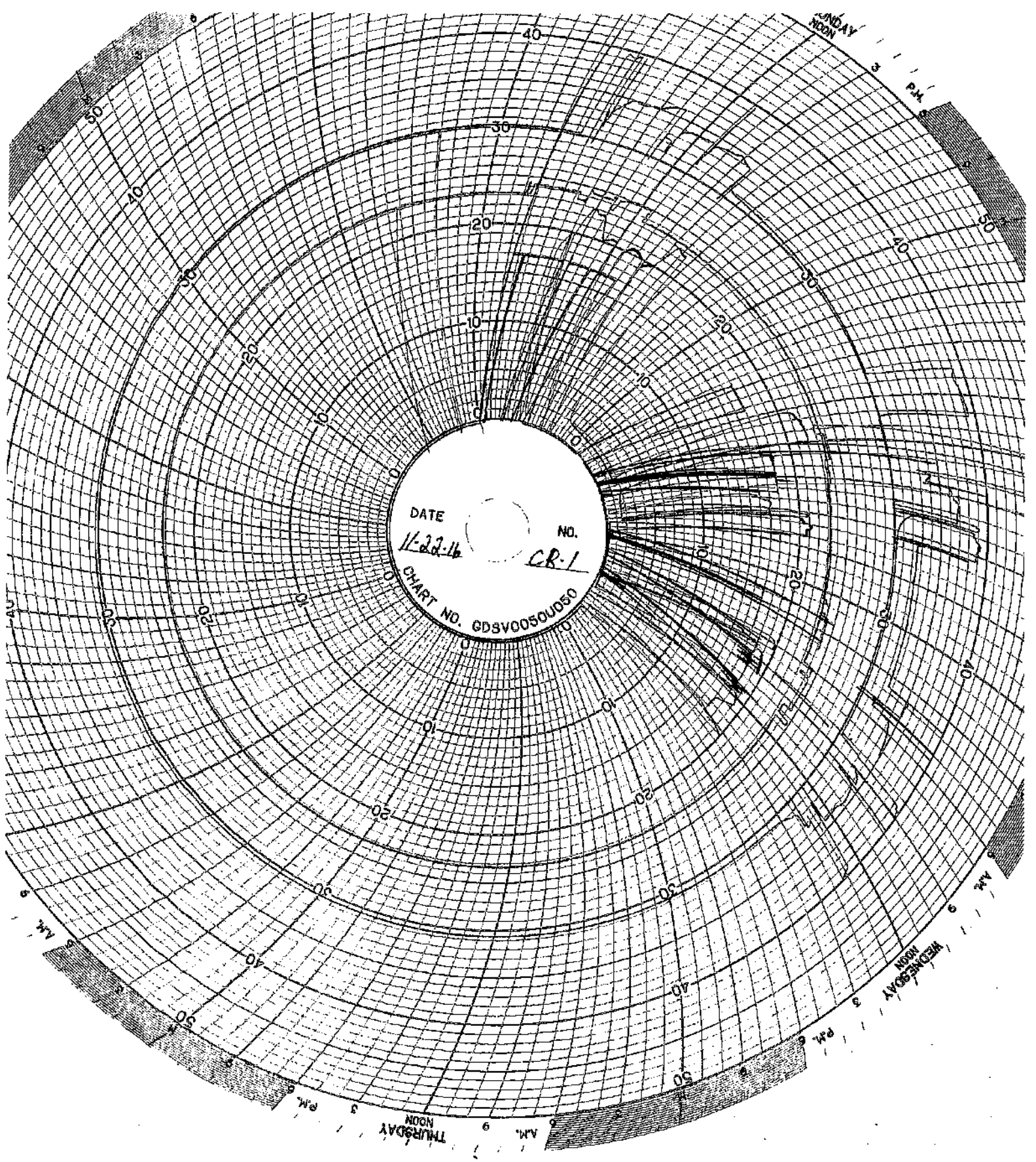
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MONDAY
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3 PM

4 PM

WEDNESDAY
NOON

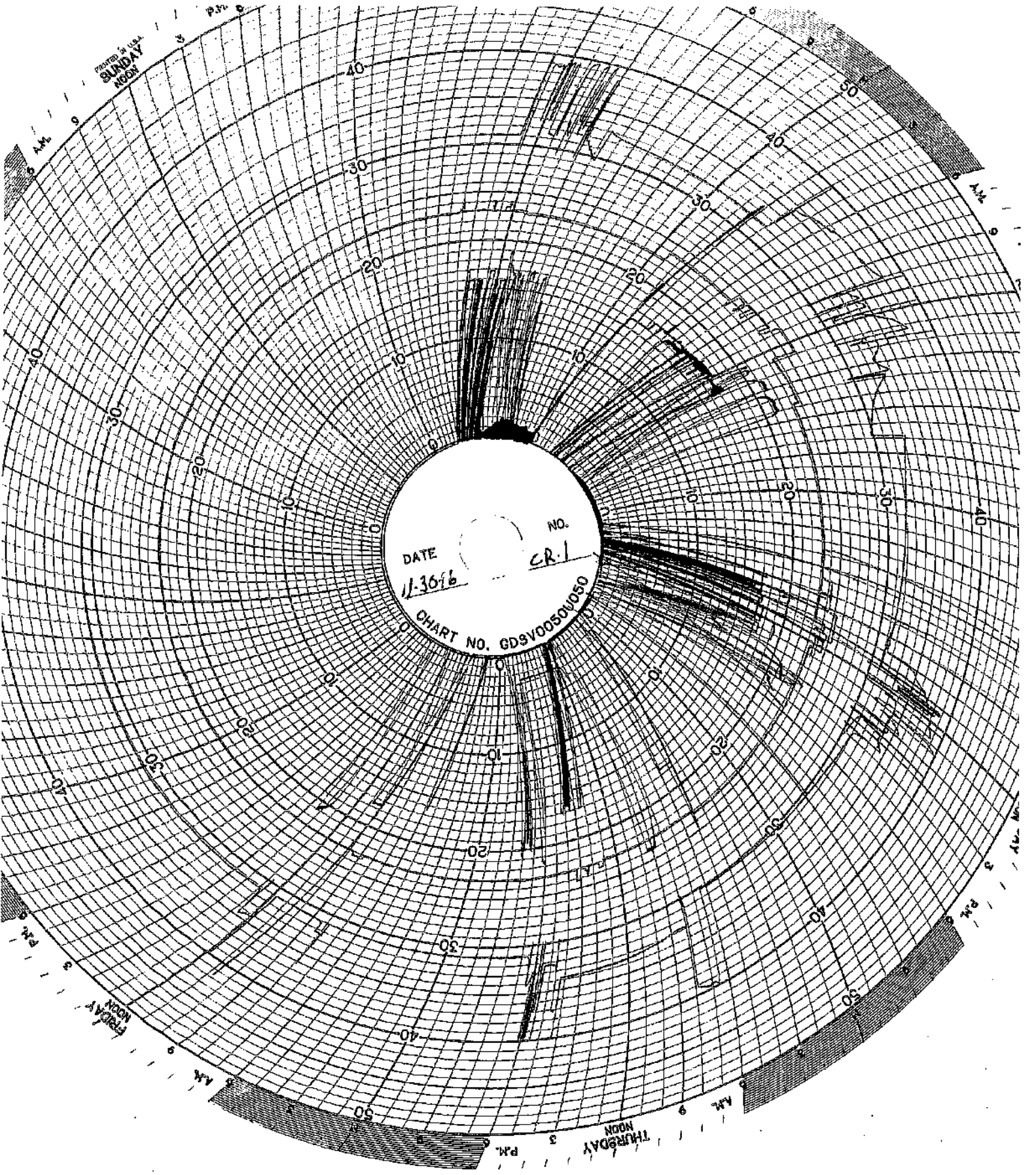
THURSDAY
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9 AM

3 PM

9 AM

PRINTED IN U.S.A.
SUNDAY
NOON



DATE 1-30-66 NO. CR-1
CHART NO. GD9V0050V050

THURSDAY
NOON

PRINTED IN U.S.A.
SUNDAY
NOON

WELL 2 DATA

WELL 02 Monthly Data

Date	Injection Pressure (PSIG)		Sight Glass Level (in)		Sight Glass Level (in)		Annulus Pressure (PSIG)		Injectate pH		Flow Rate (GPM)		Differential Pressure (PSIG)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
11/1/2016	-1.9	-1.3	22.5	23.0	376.2	379.8	5.5	12.5	0.0	0.0	378.0	381.3		
11/2/2016	-1.9	-1.6	22.4	23.1	376.7	378.7	1.2	7.9	0.0	0.0	378.5	380.4		
11/3/2016	-2.0	-1.7	22.6	22.7	374.7	377.3	0.1	8.6	0.0	0.0	376.6	379.1		
11/4/2016	-2.1	-1.7	22.5	22.7	372.5	375.3	1.0	11.9	0.0	0.0	374.4	377.3		
11/5/2016	-7.9	-1.6	22.3	23.0	371.4	373.6	7.9	7.9	0.0	0.0	373.3	375.5		
11/6/2016	-2.1	-1.5	22.3	22.9	370.6	372.9	7.9	7.9	0.0	0.0	372.6	374.7		
11/7/2016	-2.1	-1.5	22.3	23.0	370.1	372.9	1.7	16.1	0.0	0.0	372.0	374.8		
11/8/2016	-2.1	-1.6	22.6	22.7	369.4	371.5	0.7	8.8	0.0	0.0	371.3	373.4		
11/9/2016	-7.9	-1.7	22.5	22.6	368.4	370.8	-0.9	17.0	0.0	0.0	370.3	372.8		
11/10/2016	-2.2	-0.5	22.5	22.7	367.7	370.2	-0.8	13.7	0.0	0.0	369.6	371.9		
11/11/2016	-2.2	-1.6	22.5	22.7	365.9	369.1	-0.9	19.2	0.0	0.0	367.9	370.9		
11/12/2016	-2.2	-1.7	22.2	22.8	364.0	366.5	-0.4	19.2	0.0	0.0	366.4	368.6		
11/13/2016	-2.2	-1.6	22.2	22.9	363.3	365.3	0.2	7.9	0.0	0.0	365.3	367.4		
11/14/2016	-2.1	-1.7	22.5	22.6	362.4	364.5	7.9	7.9	0.0	0.0	364.4	366.5		
11/15/2016	-2.1	-1.6	22.5	22.6	362.5	364.3	7.9	7.9	0.0	0.0	364.4	366.2		
11/16/2016	-2.1	-1.6	22.5	22.6	361.5	363.9	7.9	7.9	0.0	0.0	363.6	365.7		
11/17/2016	-2.1	-0.5	22.5	22.6	361.1	362.8	7.9	7.9	0.0	0.0	363.1	364.7		
11/18/2016	-2.1	-1.5	22.4	23.0	360.4	361.9	7.9	7.9	0.0	0.0	362.3	363.9		
11/19/2016	-2.2	-1.7	22.5	22.7	357.8	361.8	-4.0	19.1	0.0	0.0	359.8	363.7		
11/20/2016	-2.2	-2.0	22.2	22.8	355.1	358.3	7.1	11.6	0.0	0.0	357.2	360.3		
11/21/2016	-2.2	-1.8	22.1	22.8	354.3	357.0	-0.1	11.2	0.0	0.0	356.3	358.9		
11/22/2016	-2.2	-1.9	22.2	22.8	354.2	356.1	7.9	7.9	0.0	0.0	356.3	358.1		
11/23/2016	-2.2	-1.7	22.1	22.9	353.5	355.9	7.9	7.9	0.0	0.0	355.5	357.9		
11/24/2016	-2.2	-1.9	22.2	22.8	352.6	354.7	7.9	7.9	0.0	0.0	354.6	356.7		
11/25/2016	-2.2	-1.9	22.1	22.8	351.4	353.2	7.9	7.9	0.0	0.0	353.5	355.3		
11/26/2016	-2.2	-1.9	22.1	22.8	350.1	352.1	7.9	17.8	0.0	0.0	352.2	354.2		
11/27/2016	-2.2	-1.9	22.2	22.8	349.1	350.8	7.9	7.9	0.0	0.0	351.1	352.9		
11/28/2016	-2.2	-1.6	22.4	22.8	348.7	352.3	7.9	7.9	0.0	0.0	350.7	354.1		
11/29/2016	-2.7	-1.7	22.5	22.6	349.8	352.4	7.9	7.9	0.0	0.0	351.8	354.3		
11/30/2016	-3.5	-2.5	22.5	22.6	349.4	352.5	7.9	8.8	0.0	0.0	352.4	355.2		

Circle Chart Index

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

Chart Recorder #1

Channel #1

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

Channel #2

Red Pen – Well 1 Annulus Pressure (chart value x 30)

Channel #3

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

Channel #4

Black Pen – Well 1 Annulus Tank Level (chart value x 0)

Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #3

Channel #1

Blue Pen – Injection pH Well 1 & 2 (chart value x 30)

Channel #2

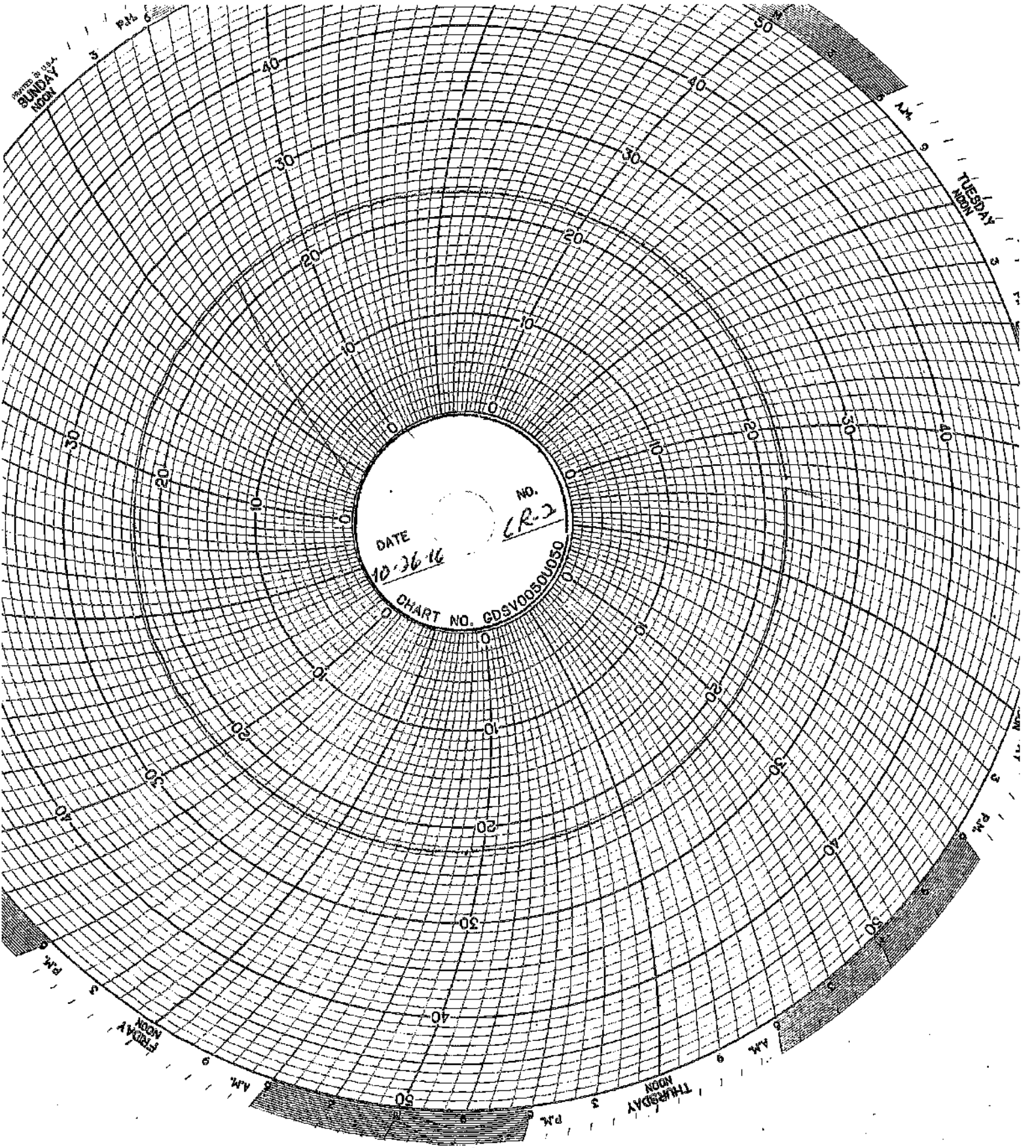
Red Pen – Well 1 Monthly Volume (chart value x 30)

Channel #3

Green Pen – Well 2 Monthly Volume (chart value x 4)

Channel #4

Black Pen – Temperature (chart value x 0)



DATE 10-26-16
No. CR-2
CHART NO. GDSV0050U050

SUNDAY
NOON

PM 6

TUESDAY
NOON

AM 9

FRIDAY
NOON

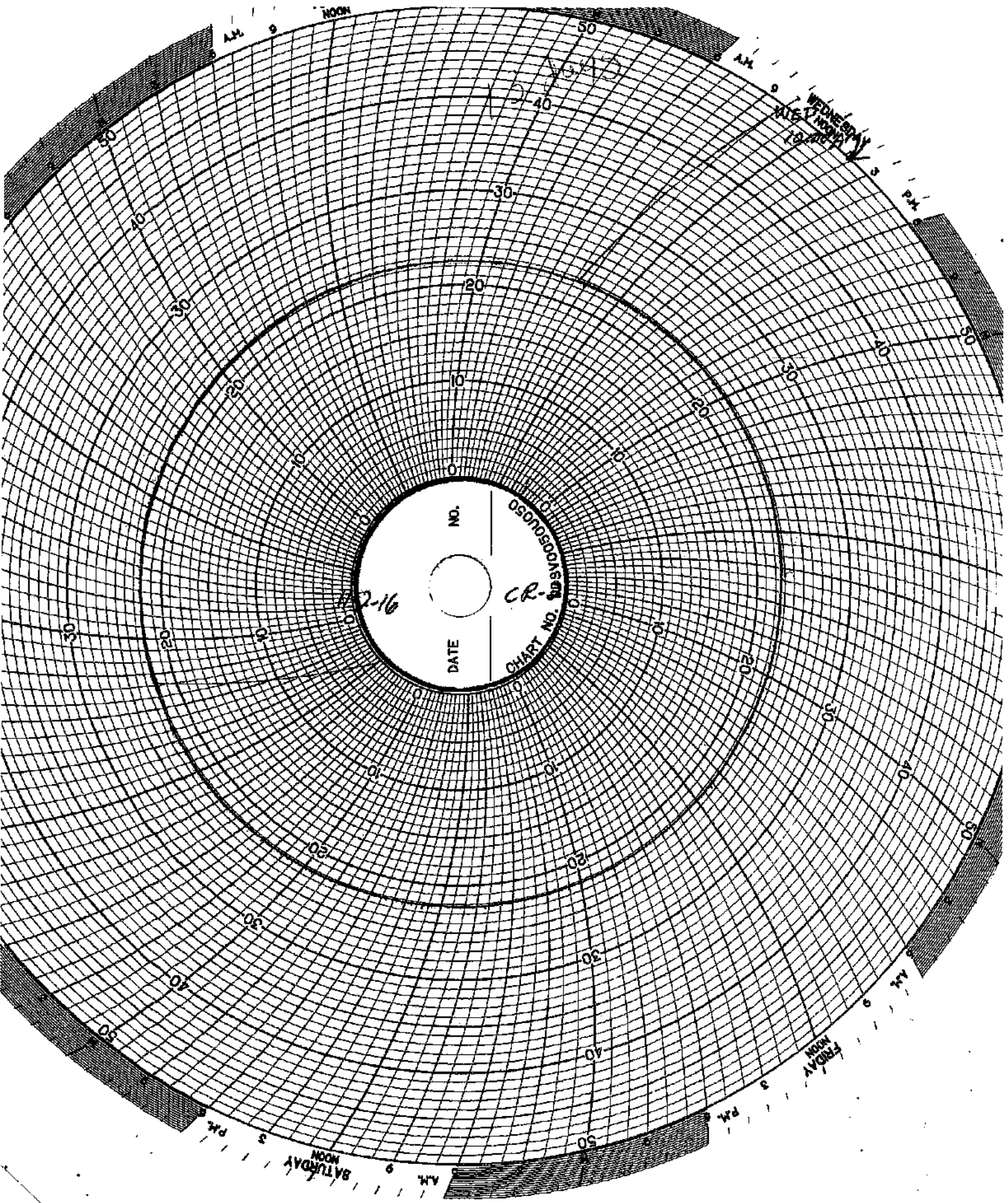
AM 9

THURSDAY
NOON

PM 6

AM 9

PM 6



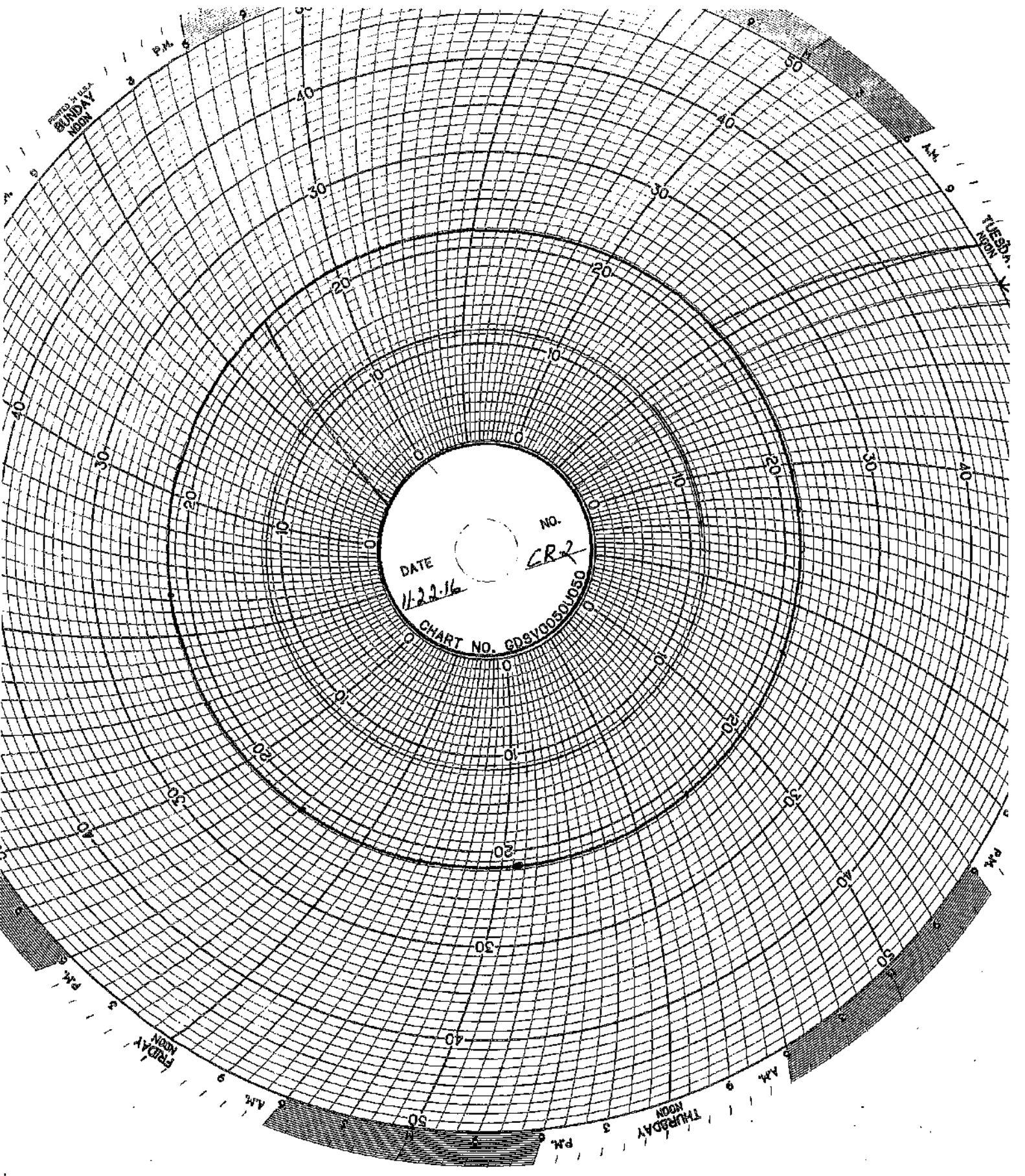
NO. 12-16
CR.
DATE
CHART NO. 595

A.M. 9
NOON

A.M. 9
P.M. 5
FRIDAY
NOON

A.M. 9
NOON
SATURDAY
NOON
A.M. 9

A.M. 9
P.M. 5
FRIDAY
NOON



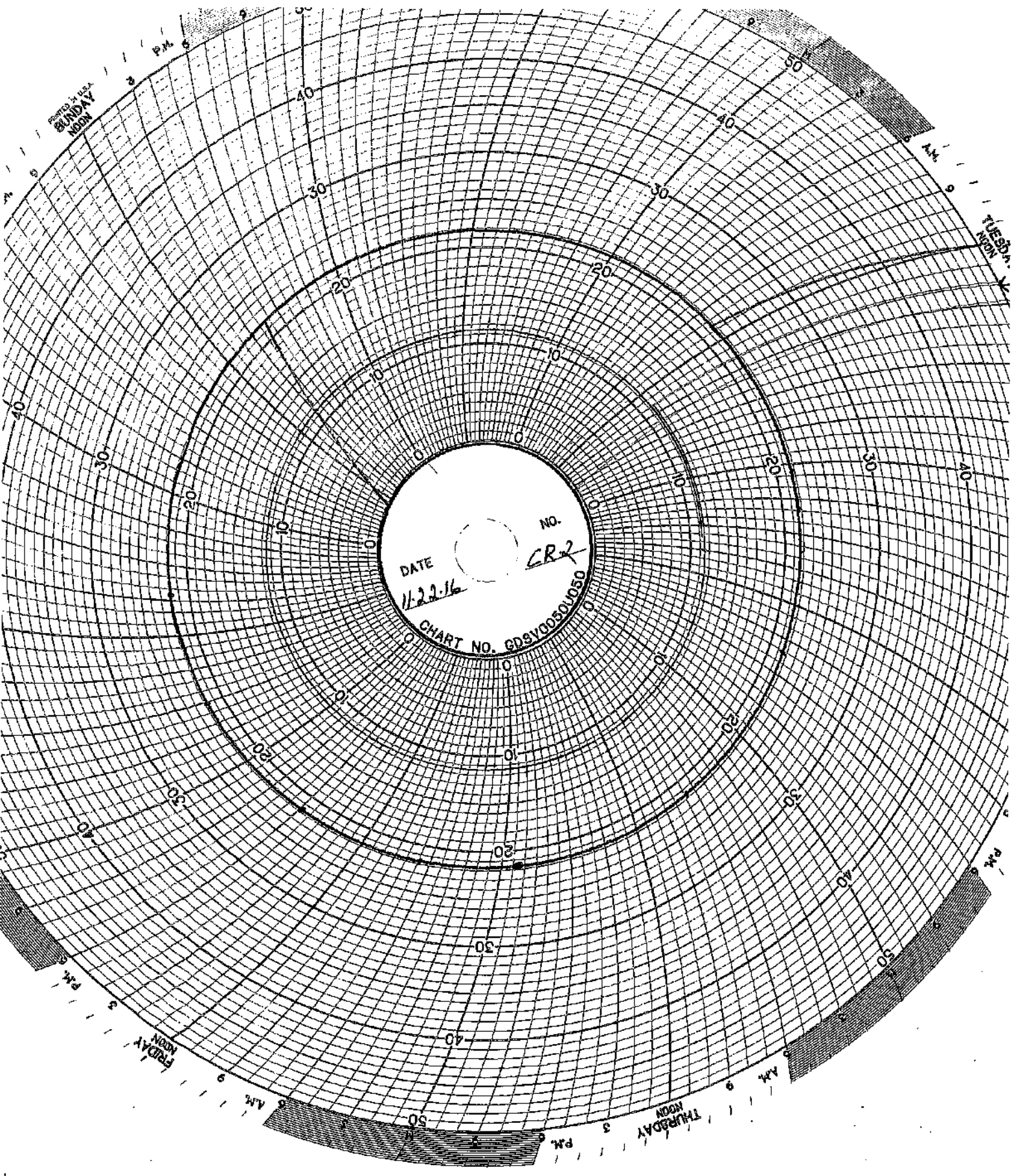
DATE 11-22-16
NO. CR-2
CHART NO. GDSV00501050

SATURDAY
NOON

TUESDAY
NOON

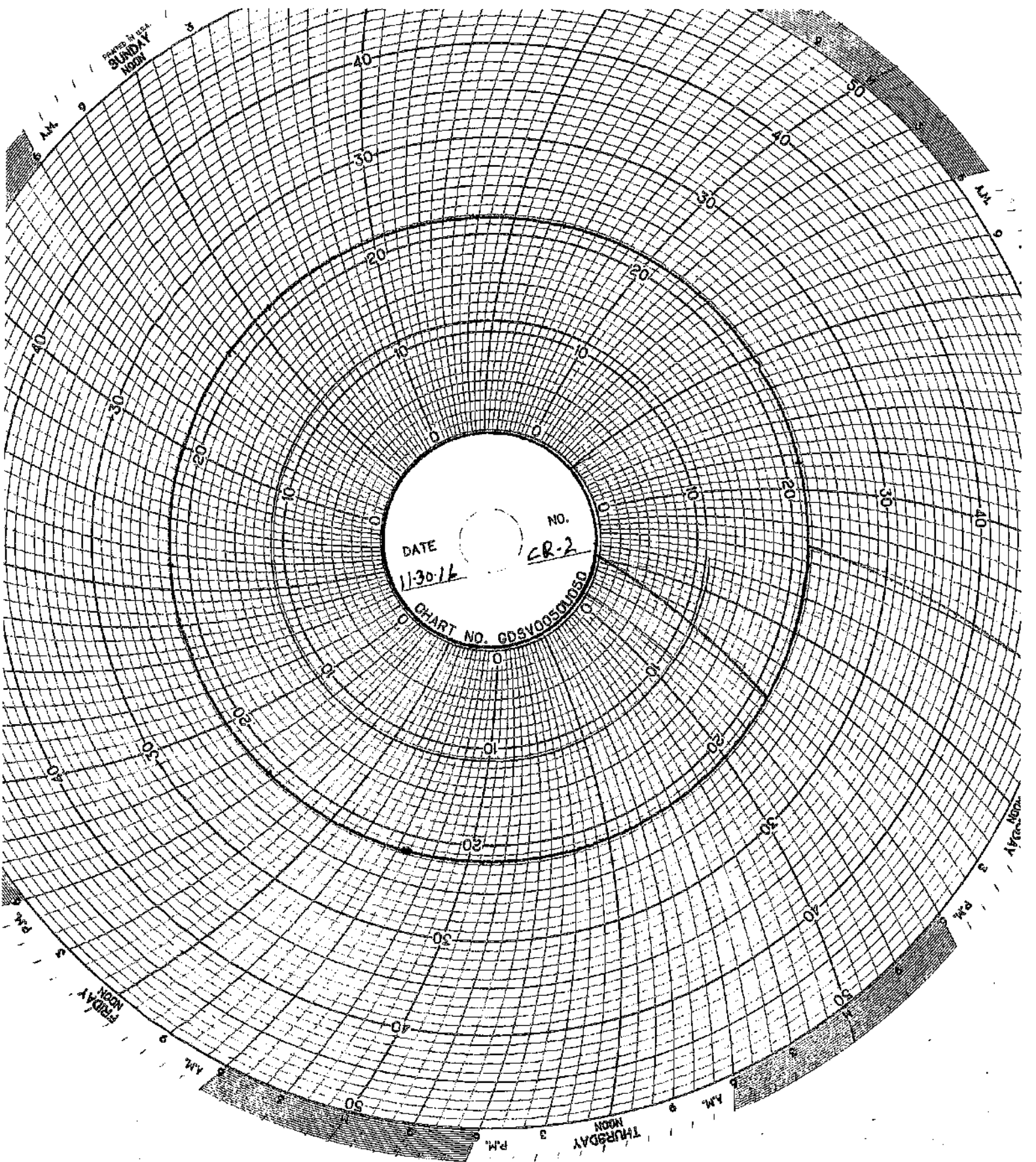
FRIDAY
NOON

THURSDAY
NOON



PRINTED IN U.S.A.
SUNDAY
NOON

DATE 11-30-16
NO. CR-2
CHART NO. GDSV003501050



6 AM 9

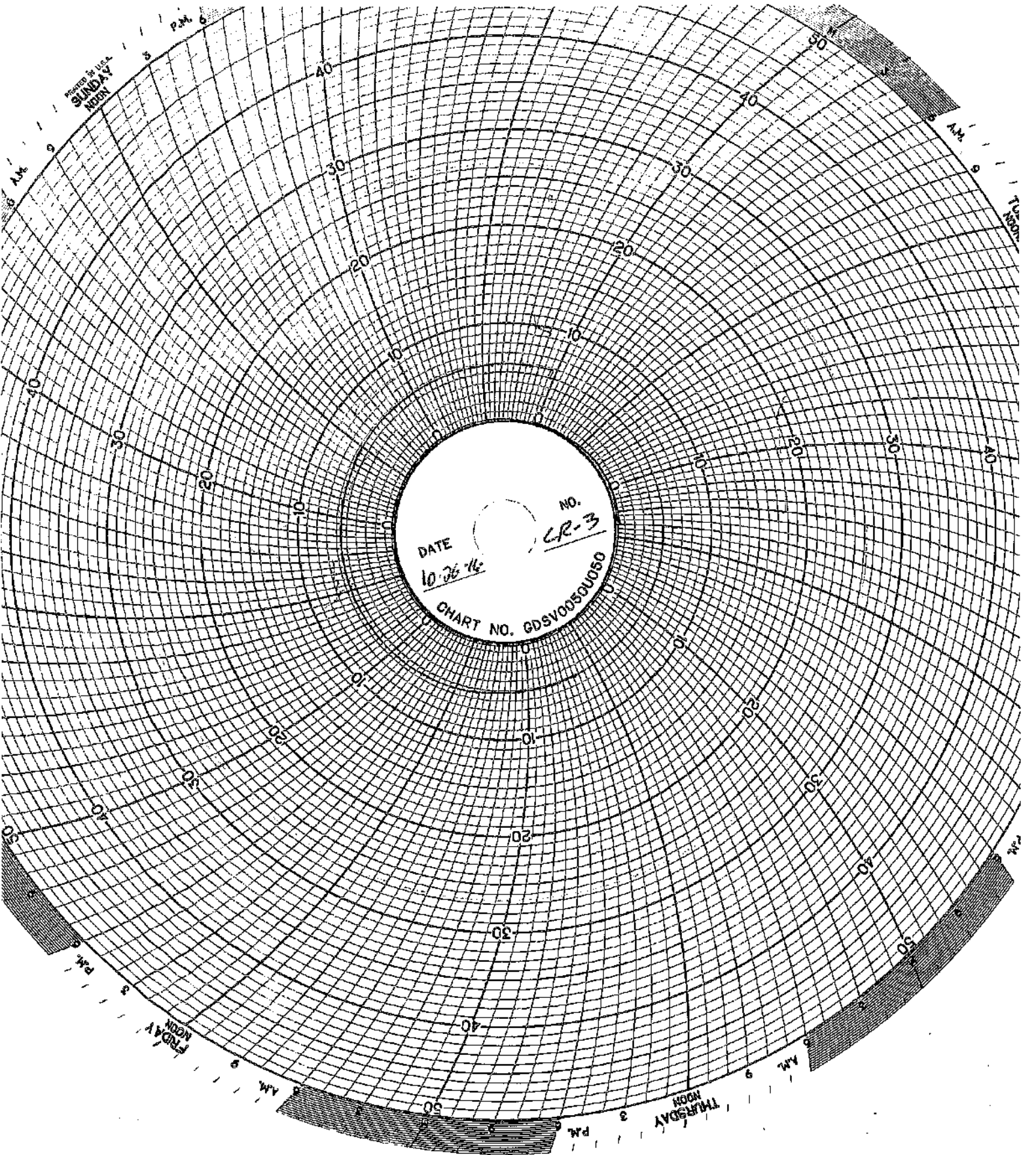
AM 9

PM 3

PM 3

FRIDAY
NOON

THURSDAY
NOON



DATE 10-26-46
NO. CR-3
CHART NO. GDSV0050U050

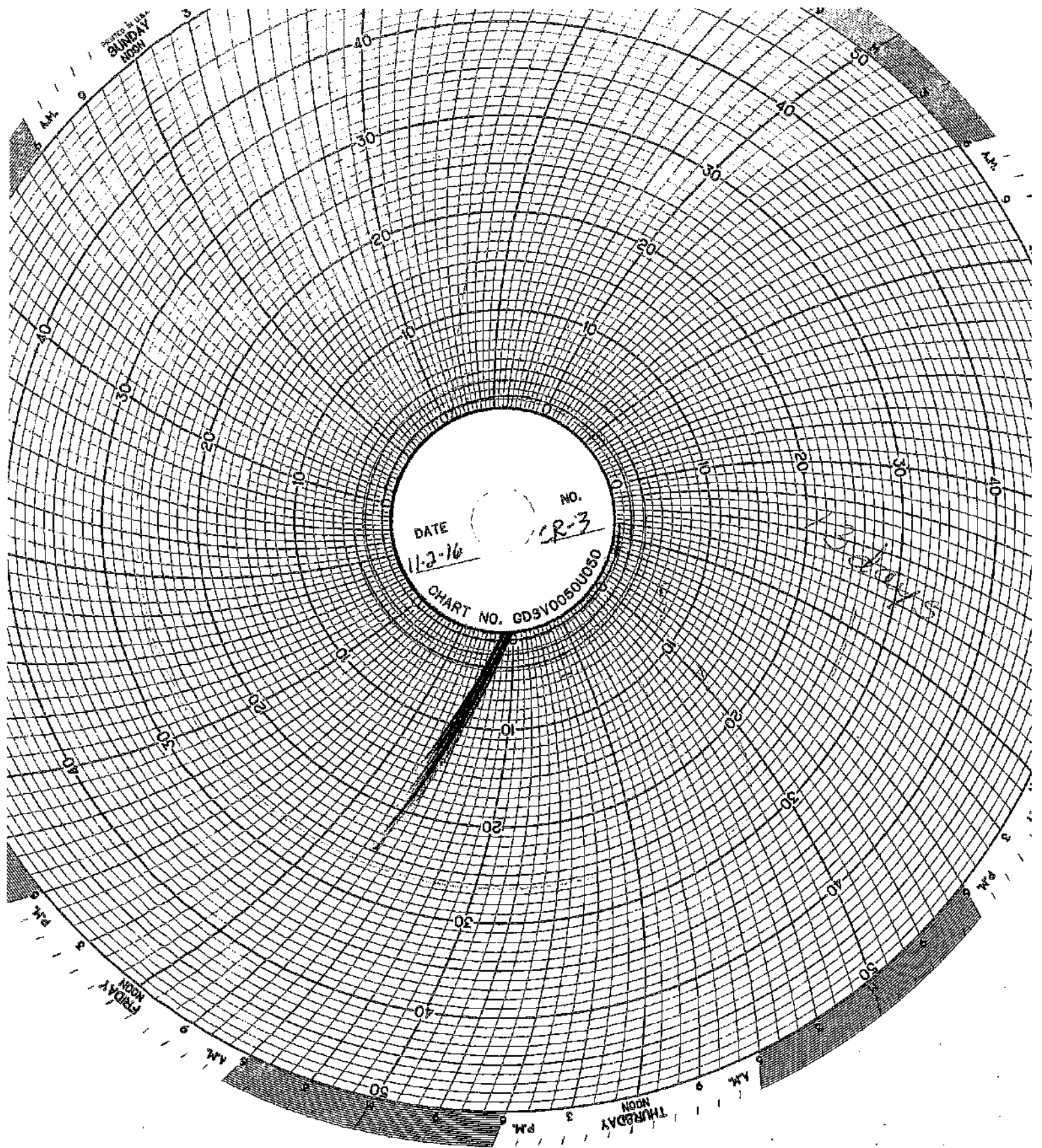
SUNDAY
NOON

DATE 11-2-16
NO. CR-3
CHART NO. GDSV0050U050

30 knots

FRIDAY
NOON

THURSDAY
NOON



PAVED
SUNDAY
NOON

40

30

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40

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AM

40

20

PM

FRIDAY

NOON

AM

THURSDAY

NOON

PM

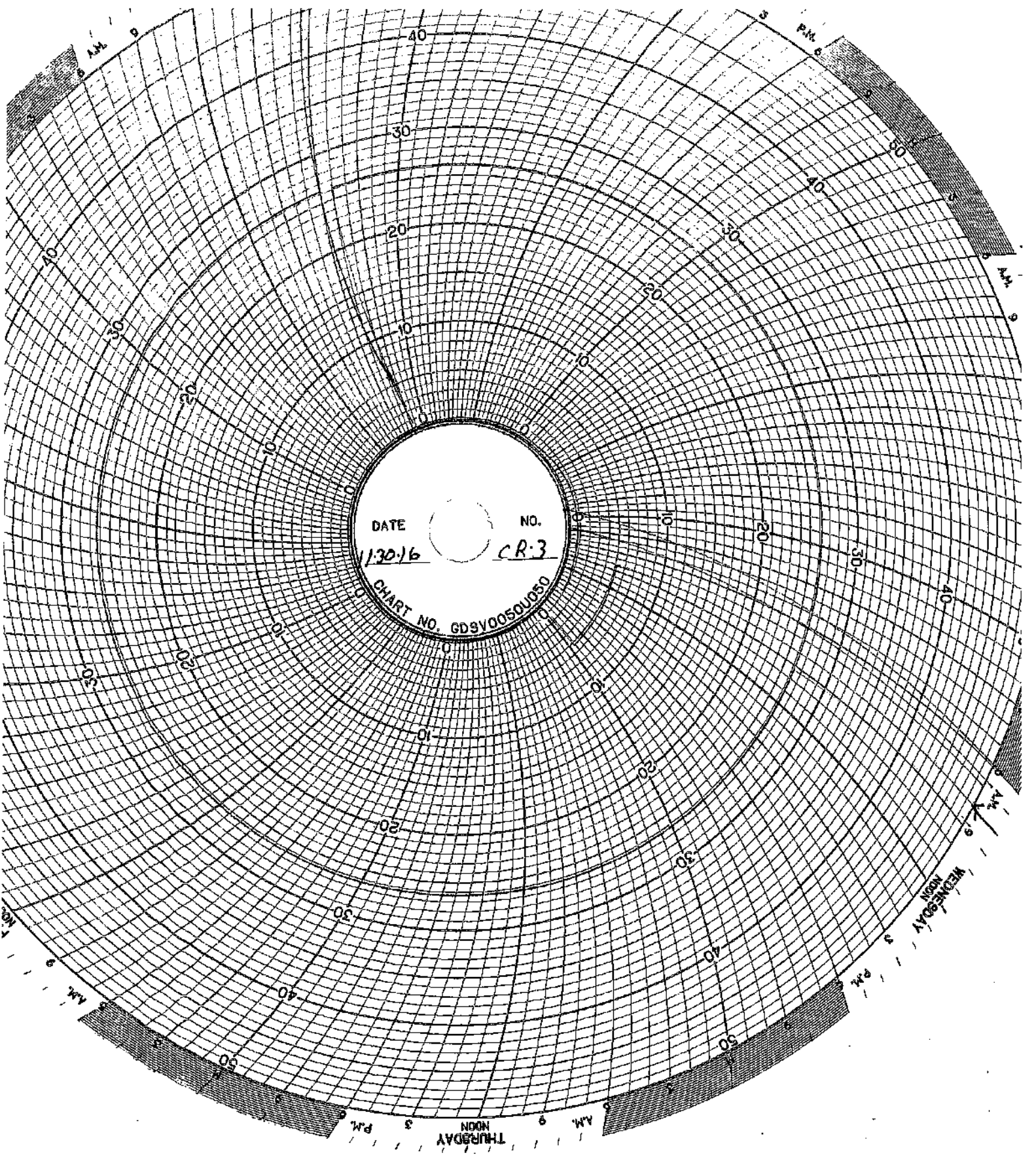
DATE

11/22/16

NO.

CR-3

CHART NO. GDSV00501050



DATE

1/30/16

NO.

CR-3

CHART NO. GD9V0050U050

AM

PM

AM

AM

WEDNESDAY
NOON

THURSDAY
NOON

PM

PM

MAINTENANCE LOG

UIC Monthly Maintenance Log

11/3/2017	Well 1	Installed new fiberglass pipeline between injection pump and wellhead 1
11/5/2017	Well 1	Installed new replacement injection pump
11/15/2017	Well 2	Replaced actuator on annulus pump control valve

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.

Ghesquiere Plastic Testing, Inc.

20450 HARPER AVENUE
HARPER WOODS, MI 48225
PHONE (313) 885-3535
FAX (313) 886-1771

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1

90

Specimen is being returned with this report for further evaluation.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

MWG/kni

Ghesquiere Plastic Testing, Inc.

20450 HARPER AVENUE
HARPER WOODS, MI 48226
PHONE (313) 885-3636
FAX (313) 885-1771

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1: 90

Specimen was returned to the client on February 17, 2014.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

NWG/dm

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TOTAL 1 PAGES

Ghesquiere Plastic Testing, Inc.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

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

WORK PERFORMED:

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

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

RESULTS:

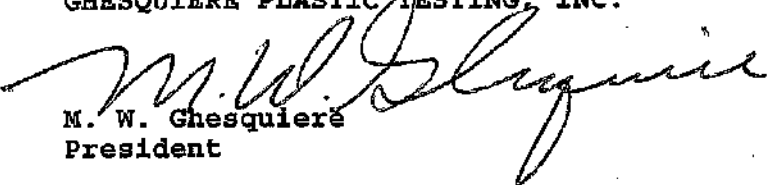
The following determination was made based upon the above test:

BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	85

Specimen was returned to the client June 16, 2014.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

MWG/dm



October 2, 2014

- TEST REPORT -

PN 118325

PO Attn: John Frost

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By: _____

Melissa Martin
Sr. Project Technician

Approved By: _____

Jim Drummond
Physical & Plastics Testing, Manager



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

ISO 9001:2008
Registered

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www.ardl.com

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



Testing. Development. Problem Solving.

October 2, 2014

John Frost
Environmental Geo-Technologies, LLC

Page 2 of 2
PN118325

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

RECEIVED: One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Results

Barcol Hardness, Instant

97

Prepared By:


Melissa Martin
Sr. Project Technician

Approved By:


Scott W. Yates
Plastics Testing Assistant Manager

www.ardl.com

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



Progress Through Innovation, Technology and Customer Satisfaction

October 22, 2015

• TEST REPORT •

PN 125322
PO 00154

PLASTICS TESTING DEPARTMENT

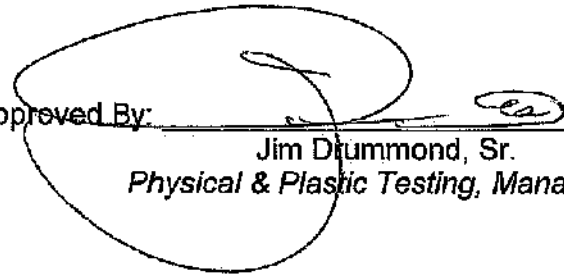
Prepared For:

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

Prepared By:


Melissa Martin
Sr. Project Technician

Approved By:


Jim Drummond, Sr.
Physical & Plastic Testing, Manager



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

ISO 9001:2008
Registered

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October 22, 2015

John Frost
Environmental Geo-Technologies, LLC

Page 2 of 2
PN 125322

SUBJECT: Barcol Hardness on one material.

RECEIVED: One small section identified as; Fiberglass Coupon.

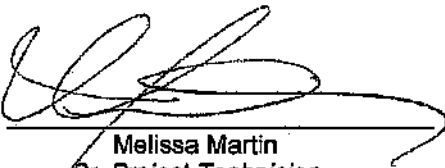
BARCOL HARDNESS ASTM D 2583-13a
Instant Reading

Results

Barcol Hardness, Instant

96

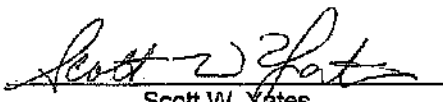
Prepared By:



Melissa Martin
Sr. Project Technician

to

Approved By:



Scott W. Yates
Plastics Testing Assistant Manager

**INJECTION
FINGERPRINTS**

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/11/06
Receiving ID#	T.11011601
Manifest#	Line:
Land Ban Cert Included	Yes No
EQT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	<i>J.P.</i>
Sampled by	<i>J.P.</i>

COPY

PHYSICAL		CHEMICAL	
Compatible? (RT#)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TGC (ppm)(CG Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	2.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	317
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	64°F		
Conductivity	61.8 uS		
% Solids	3.1		
Turbidity	Yes No		
Color (Visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature	<i>J.P.</i>		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11/1/16
Receiving ID#	I11011602
Manifest# Line:	
Leak Ban Cert Included	Yes No
EOT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H.
Sampled by	[Signature]

COPY

Compatible? (RT#)	(Yes) No	Barium	
PGBs (ppm) (Only Waste Only)?		Calcium	
TCC (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	1.06	TDS	2.87
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	105°F		
Conductivity	56.1 mS		
% Solids	2.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature	[Signature]		

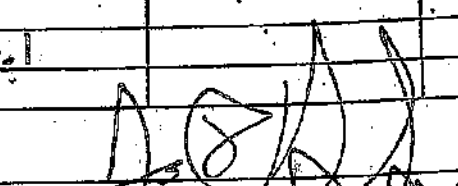
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/2/10
Receiving ID#	11021601
Manifest# Line:	
Land Ban Cert Included	Yes No
EQT Approval #	
Generator	
Client	
Transporter	
Time In	
Time Out	
Received by	J.H.
Sampled by	JH

COPY

ANALYSIS SUMMARY		PARAMETERS	
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TCC (ppm)(CG 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	1.08	TDS	3.5
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	67°F		
Conductivity	699 μS		
% Solids	3.5		
Turbidity	Yes No		
Color (Visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

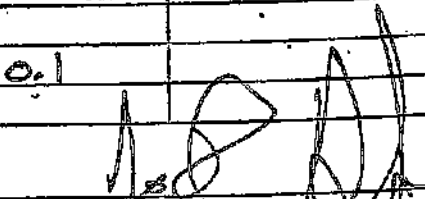
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11-02-16
Receiving ID#	E11021602
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	A.A.

COPY

Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Dily Waste Only)?		Calcium	
TCC (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	1.10	TDS	3.67
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	78°F		
Conductivity	71.0ms		
% Solids	3.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

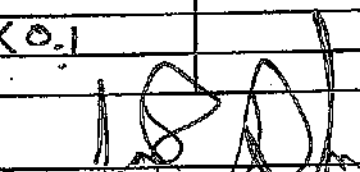
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/3/16
Receiving ID#	T11631601
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	JH.
Sampled by	TE

COPY

Compatible? (RT#)	(Yes) No	Barium	
PCEs (ppm)(Oil Waste Only)?		Calcium	
TCC (ppm)(CG Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	1.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Sp. Gr. Gravity	1.13	TDS	3.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	83°F		
Conductivity	78.8 mS		
% Solids	3.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

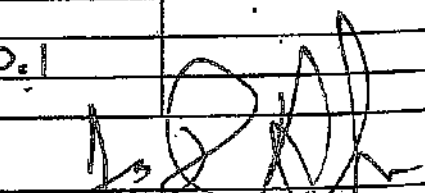
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11/9/16
Receiving ID#	I 11041601
Manifest# Line:	
Leak Bar Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	ST

COPY

GENERAL INFORMATION		ANALYSIS RESULTS	
Compatible? (RT#)	Yes No	Barium	
PCEs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CG Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	1.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonates	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	5.32
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72°F		
Conductivity	105.7mS		
% Solids	5.3		
Turbidity	Yes No		
Color (Visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/5/16
Receiving ID#	E11051601
Manifest# Line:	
Lead Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	
Sampled by	88

COPY

PHYSICAL PROPERTIES	TEMPERATURE	TEMPERATURE	TEMPERATURE
Compatible (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CG Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	4.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.06	TDS	2.87
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	106°F		
Conductivity	55.1 mS		
% Solids	2.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

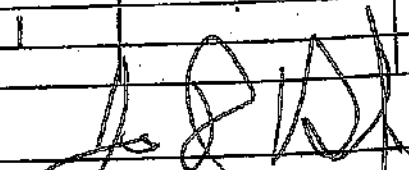
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/6/16
Receiving ID#	I11061601
Manifest# Line:	
Land Ban Cert Included	Yes No
EOT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	BF

COPY

Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oil Waste Only)?		Calcium	
TCG (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	1.07	TDS	3.07
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	66°F		
Conductivity	60.8 mS		
% Solids	3.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radlaton Screen (as needed)			
Lab Signature			

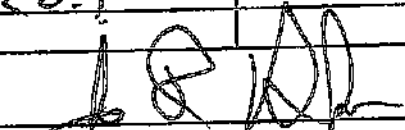
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/7/10
Receiving ID#	E11071601
Manifest# Line:	
Liquid Ban Cart Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	PT

COPY

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TCC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	3.8	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.08	TDS	3.47
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	68°F		
Conductivity	69.5 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

Date	11/7/16
Receiving ID#	I 11071602
Manifest# Line:	
Land Ban Cert Included	Yes No
EQT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	MH

COPY

Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TGC (ppm)(CG 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	1.07	TDS	3.57
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	69.4 μS		
% Solids	3.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11/8/16
Receiving ID#	E11081601
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	G.H.
Sampled by	SP

COPY

PHYSICAL PROPERTIES		CHEMICAL PROPERTIES	
Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oil Waste Only)?		Calcium	
TOC (ppm)(GC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	2.4	Sodium Chloride	
Cyanide? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.08	TDS	2.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	57.7ms		
% Solids	2.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

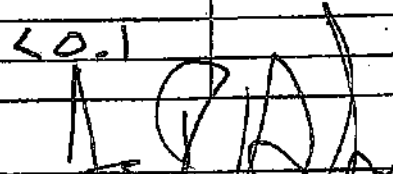
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11-8-10
Receiving ID#	L11081602
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	TE

COPY

Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oil Waste Only)?		Calcium	
TOC (ppm)(OC 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	1.12	TDS	5.8?
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	116.1 mS		
% Solids	5.8		
Turbidity	Yes No		
Color (Visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

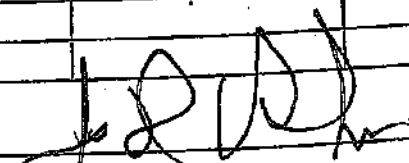
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11/9/16
Receiving ID#	I11091601
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	FR

COPY

PHYSICAL PROPERTIES		CHEMICAL ANALYSIS	
Compatible? (RT#)	Yes No	Barium	
PCEs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(GC 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	1.10	TDS	6.3%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	68°F		
Conductivity	125.8 mS		
% Solids	6.3		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/9/16
Receiving ID#	E110911002
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	A.A.

COPY

Compatible? (RT#)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TGC (ppm)(CG 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	1.08	TDS	3.9
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	67°F		
Conductivity	78.6 cmS		
% Solids	3.9		
Turbidity	Yes No		
Color (Visual)			
TSS (%)	2.0		
Radiation Screen (as needed)			
Lab Signature			

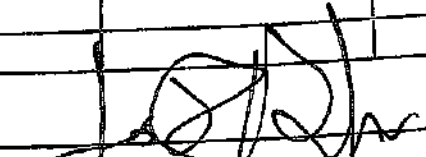
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11-10-16
Receiving ID#	I11101601
Manifest# Line:	
Liquid Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	A.A.

COPY

TESTS PERFORMED	RESULTS	TESTS PERFORMED	RESULTS
Compatible? (RT#)	Yes No	Barium	
PCEs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CG Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	1.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonates	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.10	TDS	5.3%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	105.8 mS		
% Solids	5.3		
Turbidity	Yes No		
Color (visual)			
TSS (%)	2.0		
Radiation Screen (as needed)			
Lab Signature			

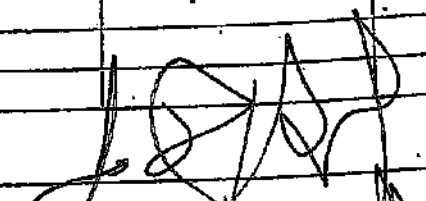
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/16/16
Receiving ID#	F11101602
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	S.H.
Sampled by	FF

COPY

Compatible? (RT#)	Yes No	Barium	
PCEs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CG Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.12	TDS	7.2
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	143.2 mS		
% Solids	7.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radialon Screen (as needed)			
Lab Signature			

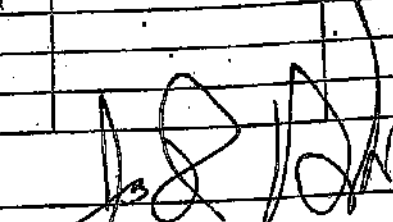
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11-11-16
Receiving ID#	E1111601
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	A.G.

COPY

Compatible? (RT#)	Yes No	Barium	
PCEs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CG 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	1.13	TDS	50
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	101.3 uS		
% Solids	5.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			

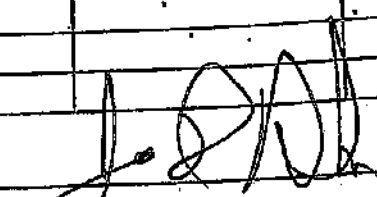
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11-11-16
Receiving ID#	I1111602
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	a.a.

COPY

Compatible? (RT#)	(Yes) No	Barium	
PCEs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	1.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	3.52
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	63°F		
Conductivity	66.9 mS		
% Solids	25		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11-12-16
Receiving ID#	F11121601
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.A
Sampled by	T.E

COPY

Parameter	Yes	No	Parameter	Value
Compatible? (RT#)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Barium	
FCBs (ppm) (Oily Waste Only)?			Calcium	
TCG (ppm) (CG Waste Only)?			Total Iron	
Flash Point (°F)			Magnesium	
pH (S.U.)			Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity			TDS	5.2
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil In Sample	Yes	No		
Temperature				62° F
Conductivity				104.3 mS
% Solids				5.2
Turbidity	Yes	No		
Color (Visual)				
TSS (%)				0.3
Radiation Screen (as needed)				
Lab Signature				

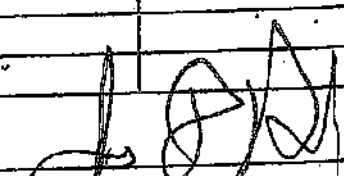
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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11-13-16
Receiving ID#	J 11131601
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	AA

COPY

Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TGC (ppm)(CG 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	1.11	TDS	4.69
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	62°F		
Conductivity	90.4 mS		
% Solids	4.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	1.5		
Radiation Screen (as needed)			
Lab Signature			

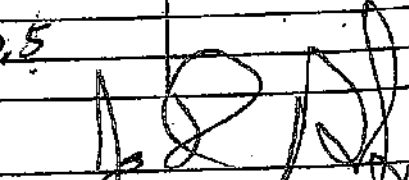
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11-14-16
Receiving ID#	14141601
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.F.
Sampled by	T.E.

COPY

Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TCC (ppm)(GC 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	1.10	TDS	5.1
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	65°F		
Conductivity	101.9 mS		
% Solids	5.1		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.5		
Radiation Screen (as needed)			
Lab Signature			

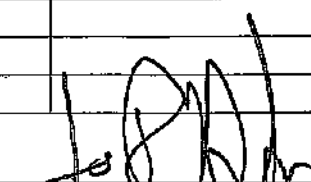
FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/14/16
Receiving ID#	11141602
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.M.
Sampled by	SR

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	1.11	TDS	4.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	94.8 mS		
% Solids	4.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.5		
Radiation Screen (as needed)			
Lab Signature			


FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/15/10
Receiving ID#	I11151601
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.F.
Sampled by	a.a.

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)	2140	Magnesium	
pH (S.U.)	4.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	2.92
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	57.8 nS		
% Solids	2.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.1		
Radiation Screen (as needed)			
Lab Signature			

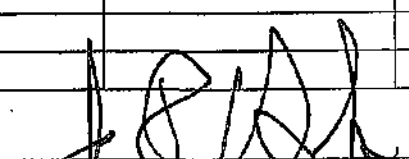
FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11.15.16
Receiving ID#	11151602
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	TE

COPY

LAB INFORMATION		Other Elements Only	
All Waste Shipments			
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	1.05	TDS	2,37
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	67.0ms		
% Solids	2.3		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

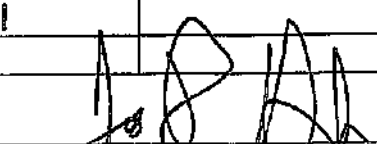
FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11-16-16
Receiving ID#	I11161601
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	A.D.

COPY

LAB INFORMATION		Oil and Grease 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.)	1.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.26	TDS	7.7%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	153.3 mS		
% Solids	7.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

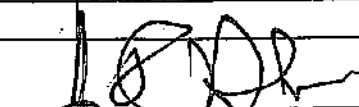
FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11-16-16
Receiving ID#	I11161602
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	DA

COPY

LAB INFORMATION		Other Bases 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.)	1.5	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.34	TDS	9.67
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	192.4 mS		
% Solids	9.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

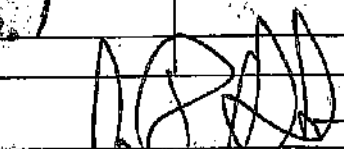
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11-17-16
Receiving ID#	Z11171601
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	aa.

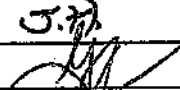
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Compatible? (RT#)	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs, (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	3.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	3.57
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	63°F		
Conductivity	68.5ms		
% Solids	3.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.1		
Radiation Screen (as needed)			
Lab Signature			

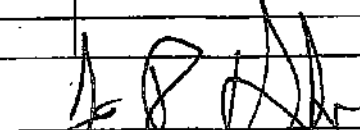
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/17/16
Receiving ID#	411171602
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.P.
Sampled by	

COPY

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)	7140	Magnesium	
pH (S.U.)	3.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.11	TDS	4.82
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	52°F		
Conductivity	94.8-5		
% Solids	4.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

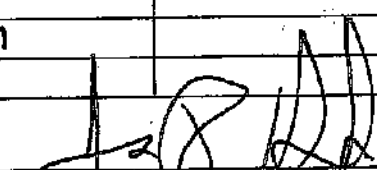
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11-19-16
Receiving ID#	51191601
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	TE

COPY

PROPERTY INFORMATION		Oil Field Binoculars	
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.)	10.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.04	TDS	2.77
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	64°F		
Conductivity	54.3 mS		
% Solids	2.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

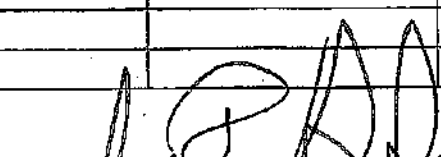
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/21/16
Receiving ID#	TE 11211601
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	JS

COPY

LABORATORY TESTS		Other Lines Only	
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	5140	Magnesium	
pH (S.U.)	<0.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.20	TDS	8.5%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	168.7 μS		
% Solids	8.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

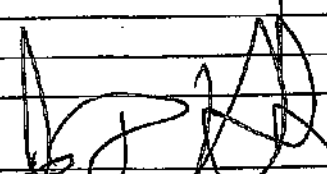
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11-21-16
Receiving ID#	L11211602
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	T.E.

COPY

		Oily Waste		Chemical	
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.)	8.1	Sodium Chloride			
Cyanides? (mg/L)		Bicarbonate			
Sulfides? (ppm)		Carbonate			
Specific Gravity	1.20	TDS		6.6%	
Physical Description		Resistivity			
Stream Consistency	Yes No	Sulfate			
Oil in Sample	Yes No				
Temperature	65°F				
Conductivity	132.7ms				
% Solids	6.6				
Turbidity	Yes No				
Color (visual)					
TSS (%)	< 0.1				
Radiation Screen (as needed)					
Lab Signature					

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/22/14
Receiving ID#	E11221601
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

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.)	0.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.14	TDS	19.02
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	282.2 mS		
% Solids	14.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		

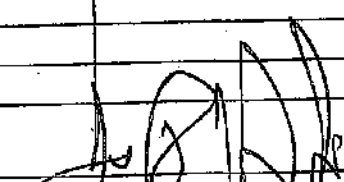
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11-22-16
Receiving ID#	E11221602
Manifest# Line:	
Land Ban Cert included:	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	T E

COPY

Parameter	Yes	No	Parameter	Value
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	1057
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature				66°F
Conductivity				210.9 μmS
% Solids				10.5
Turbidity	Yes	No		
Color (visual)				
TSS (%)				<0.1
Radiation Screen (as needed)				
Lab Signature				

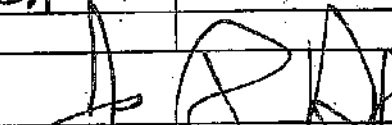
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11-23-16
Receiving ID#	11231601
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	TE

COPY

WASTE ANALYSIS		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.)	0.5	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.12	TDS	7.52
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	64°F		
Conductivity	149.6 μm S		
% Solids	7.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	50.1		
Radiation Screen (as needed)			
Lab Signature			

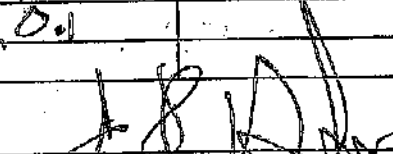
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	11/23/16
Receiving ID#	E11231602
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	TK

COPY

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.)	0.5	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	7.69
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	64°F		
Conductivity	150.0 μS		
% Solids	7.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			

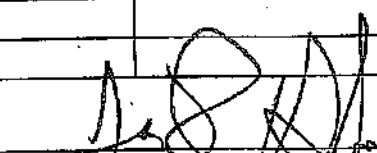
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/28/16
Receiving ID#	I11281601
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

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.)	0.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.12	TDS	8.42
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	168.0 mS		
% Solids	8.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/28/16
Receiving ID#	T11281602
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

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.)	0.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.01	TDS	5.77
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	69°F		
Conductivity	109.2 mS		
% Solids	5.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.1		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		

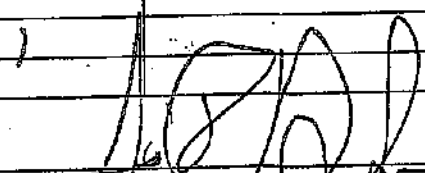
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/29/16
Receiving ID#	E 11291601
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

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.)	0.8	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	5.5?
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	65°F		
Conductivity	109.0 mS		
% Solids	5.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	40.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/30/16
Receiving ID#	I11301601
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

Physical Properties	Other Properties
Compatible? (RT#)	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	Sulfate
Oil in Sample	
Temperature	
Conductivity	
% Solids	
Turbidity	
Color (visual)	
TSS (%)	
Radiation Screen (as needed)	
Lab Signature	


FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	11/30/16
Receiving ID#	I11301602
Manifest# Line:	
Land Ban Cert included	Yes No
EGT-Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	RP

COPY

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.)	< 0.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.21	TDS	15.8%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	65°F		
Conductivity	317.6 us		
% Solids	15.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

**WASTE STREAMS
CHARACTERIZATIONS**

GENERATOR INFORMATION

Name: [REDACTED]
 Facility Address: [REDACTED]
 City: [REDACTED]
 Contact: [REDACTED]
BILLING INFORMATION
 Company Name: [REDACTED]
 Address: [REDACTED]
 City: [REDACTED]
 Attention: [REDACTED]

WASTE INFORMATION

Name of Waste/Common Chemical Name:

RCRA Chemistry Water

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

color chemical cleaning

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: D001

PHYSICAL CHARACTERISTICS OF WASTE

<input checked="" type="checkbox"/> Aqueous <input type="checkbox"/> Organic <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: <u>1</u>	acceptable 11/23/16
---	--	--	--	------------------------

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
<u>nitric acid</u>	<u>100</u>	<u>100</u>			
<u>ammonia</u>	<u>100</u>	<u>100</u>			
<u>nitrogen</u>	<u>100</u>	<u>100</u>			
<u>carbon dioxide</u>	<u>100</u>	<u>100</u>			

Method: Lab Analysis Generator Knowledge

CAS No.	Not Characterization		Not Characterization	
	Present	Absent	Present	Absent
001				
002				
003				
004				
005				
006				
007				
008				
009				
010				
011				
012				
013				
014				
015				
016				
017				
018				
019				
020				
021				
022				
023				
024				
025				
026				
027				
028				
029				
030				
031				
032				
033				
034				
035				
036				
037				
038				
039				
040				
041				
042				
043				

Element	Code	Limit	Concentration	Unit
Arsenic (As)	D004	5	5	ppm
Barium (Ba)	D005	100	100	ppm
Cadmium (Cd)	D006	1	1	ppm
Chromium (Cr)	D007	5	5	ppm
Lead (Pb)	D008	5	5	ppm
Mercury (Hg)	D009	0.2	0.2	ppm
Selenium (Se)	D010	1	1	ppm
Silver (Ag)	D011	5	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: Acidic Liquid, Waste Hazard Class: UN314
- PG: II ERG: _____ Hazardous Constituents for "n.o.s.": As, Pb, Cr, Hg, Se, Ag
- Method of Shipment: Bulk Tanker Vac truck Rail Car Drums Totes 10-15 Kg/d
- Number of Units to Ship Now: 10 6. Anticipated Volume / Units per Year: _____ or One Time
- Special Handling Requirements: None

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: _____

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample 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-Technology 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
_____	_____	_____	_____	_____	_____

01065



MID057002802

Generator's Waste Profile and Service Agreement

In order to properly transport and manage your waste stream, please complete the following:

SECTION 1 - GENERAL INFORMATION

	Generator Information	Customer Information	Bill To Information
EPA ID #	[REDACTED]		
Company	[REDACTED]		
Address 1	[REDACTED]		
Address 2	[REDACTED]		
City, State	[REDACTED]		
Zip Code	[REDACTED]		
Contact	[REDACTED]		
Telephone 1	[REDACTED]		
Telephone 2	[REDACTED]		
Facsimile	[REDACTED]		
Email	[REDACTED]		

SECTION 2 - WASTE INFORMATION

Common Name of Waste: Non-RCRA Rinse Water acceptable
1/23/16

Process Generating Waste: Printer Chemical Cleaning

Waste Volume Produced Annually: 320,000 gallons per ONE Year

Shipping Increments: One Time Weekly Monthly Quarterly Yearly Other

Check Any Hazardous Characteristics That Apply: Reactive Corrosive Toxic Flammable Listed

SECTION 3 - USED WASTE OIL

Does your waste stream contain oil? Yes No

Is this oil considered to be a "used oil" as determined by 40CFR 260.107 Yes No
(If yes, then please complete used oil certification sheet.)

Attach analytical and check the appropriate box below for any parameters for which your oils have been tested.

PCBs TCLP (Volatiles/Semivolatiles) Total Halogens Total Metals

SECTION 4: PHYSICAL AND CHEMICAL PROPERTIES

Is this waste a nonhazardous liquid industrial by-product?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO															
What is the Color?	<input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Other (Brown)															
Describe the Odor.	<input type="checkbox"/> Strong <input checked="" type="checkbox"/> Mild <input type="checkbox"/> None															
Does it Pass Paint Filter Test	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO															
Physical State at 70° F	<input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Slurry <input type="checkbox"/> Other															
Density (weight/volume)	1															
Specific Gravity	1															
pH:	7.1 - 12.4															
Flash Point (closed cup)	7200° F															
Viscosity at 70° F	<input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low															
Percent Composition	100 % Water _____ % Oil _____ % Rag _____ % Solids.															
Solids Composition:	<input type="checkbox"/> Suspended <input type="checkbox"/> Setttable <input type="checkbox"/> Both															
Chemical Composition: <i>List all major constituents, include herbicides, pesticides, carcinogens, pathogens and other hazardous constituents.</i>																
<table border="1"> <thead> <tr> <th>Chemical</th> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>Water (Demineralized)</td> <td>%</td> <td>100 %</td> </tr> <tr> <td>Residual Cleaning Chemicals</td> <td>2500mg/L %</td> <td>%</td> </tr> <tr> <td></td> <td>%</td> <td>%</td> </tr> <tr> <td></td> <td>%</td> <td>%</td> </tr> </tbody> </table>		Chemical	Minimum	Maximum	Water (Demineralized)	%	100 %	Residual Cleaning Chemicals	2500mg/L %	%		%	%		%	%
Chemical	Minimum	Maximum														
Water (Demineralized)	%	100 %														
Residual Cleaning Chemicals	2500mg/L %	%														
	%	%														
	%	%														

SECTION 5: TCLP AND TESTING CERTIFICATION

Please attach analytical results to this profile and check either "YES" indicating concentrations above the regulatory level or "NO" verifying the constituent is not present above regulatory level. All constituents must have either a "YES" or "NO" checked.

Check the method used: Total TCLP

Metal	Level > than	Yes	No
D004 Arsenic	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D005 Barium	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D006 Cadmium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D007 Chromium	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D008 Lead	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D009 Mercury	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D010 Selenium	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D011 Silver	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Material	Level > than	Yes	No
D018 Benzene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D019 Carbon Tetrachloride	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Chlorobenzene	100.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D022 Chloroform	5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D028 1, 2-Dichloroethane	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D029 1, 1-Dichloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D035 Methyl Ethyl Ketone	200.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Tetrachloroethylene	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D040 Trichloroethylene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D043 Vinyl Chloride	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>

or substances as defined by applicable federal, state and/or local laws or regulations. Any waste which does not meet this requirement shall hereinafter be referred to as "Unacceptable Waste." The Customer shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean the Company's disposal facility located at 27140 Princeton Ave., Inkster, MI 48141.

4. **Industrial Waste.** Customer warrants that the Waste delivered to Company hereunder will not contain any Waste that is not specifically described on the Waste Characterization Profile which is incorporated herein and which is subsequently approved by the Company and will meet the material description as set forth in the specification and otherwise in all significant respects. The parties may incorporate additional Industrial Waste as part of this Agreement if prior to delivery of such Waste to Company, Customer has provided a Waste Characterization Profile Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Industrial Waste disposal. Title to all Waste handled or disposed of by Company shall at all times remain with Customer.

5. **Right of Refusal/Rejection.** Company has the right to refuse or reject after acceptance any kind of wastes delivered to its Facility if the Company believes the Customer has breached (or is breaching) its warranties or agreements hereunder. If Customer delivers wastes in breach of any warranty or agreement hereunder, Company may in its sole discretion, without notice and at the expense of the Waste and charge Customer for the costs or require Customer to promptly remove the waste.

6. **Charges and Payment.** Customer agrees to pay the Company's rates as written in the Proposal and Approval Notification Letter, which may be revised from time to time upon thirty (30) days written notice to the Customer. Payment shall be made by Customer within thirty (30) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Customer agrees to pay a late charge of 1.5% per month, or the maximum interest rate permitted by law whichever is less.

7. **Term.** This Agreement shall continue in effect until terminated by Company or Customer, with or without cause, upon prior notice by either party and representations and warranties regarding the waste delivered and the indemnities set forth herein shall survive termination of this Agreement.

8. **Indemnity.** Customer agrees to indemnify, save harmless, and defend Company, its Corporate affiliates, employees, officers and directors from and against any and all liabilities, claims, penalties, forfeitures, suits and the costs and expenses incident thereto (including costs of defense, settlement, and reasonable attorney's fees), which it may hereafter incur, become responsible for, or pay out as a result of death or bodily injuries to any person, destruction or damage to any property, contamination of or adverse effects on the environment, of any violation of governmental laws, regulations, or orders caused, in whole or in part by the Customer's breach of any warranty, term or provision of this Agreement, or any act, omission, willful misconduct or negligence of the Customer, its employees, or subcontractors in the performance of this Agreement.

9. **Default.** The occurrence of any of the following events shall also constitute an event of default by the Customer and shall give the Company the right to immediately terminate this Agreement: (a) A petition for reorganization or bankruptcy filed by or against the Customer; (b) Failure by Customer to pay any amount due to Company (or any breach by Customer of any of its obligations pursuant to the Agreement). The parties covenant and agree that the Company's removal and acceptance of the Customer's Waste constitutes work on and an improvement to the Customer's real property. Accordingly, Customer grants to Company the right to file any and all documents permitted by law or otherwise on Customer's real property to secure the money owed to Company by Customer for services rendered.

10. **Attorney's Fee.** In the event of a breach by Customer of the Agreement, the Customer shall pay all attorneys' fee, collection fees and costs of Company incident to any action brought to enforce the Agreement.

11. **Assignment.** Customer may not assign, transfer or otherwise vest in any other company, entity or person, any of its rights or obligations under the Agreement without the prior written consent of Company.

12. **Miscellaneous.** The Agreement shall be governed by and construed in accordance with the laws of the state of Michigan in which the Facility is located. The price and terms of this proposal are confidential and are not to be disclosed to any other persons or entities. Customer agrees to take all precautions to insure that its officers, employees and agents maintain the confidentiality of this information and do not disclose the price and terms of this proposal. Service Provider is defined as any company working on behalf of a Generator.

13. **Notice.** All notices herein shall be considered as having been given upon being placed in the mail, certified, postage prepaid, addressed to the Company or Customer at the address set forth in the Waste Characterization Profile.

SECTION 6: GENERATOR CERTIFICATION AND WASTE SERVICE AGREEMENT

I certify that I am authorized to sign below and all information is complete, factual (including attached information), is an accurate representation of the known and suspected hazards and of waste generator regulations pertaining to the waste described herein and agree to the terms and conditions of waste services in Section 7. Based on our knowledge of the waste stream, this is the waste stream information that we are providing to you.

Internal Use Only

ACID EXTRACTABLES mg/L (ppm)			
Material	Level > than	Yes	No
D023 o-Cresol	200	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D024 m-Cresol	200	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D025 p-Cresol	200	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D028 Cresol	200	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D037 Pentachlorophenol	100	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D041 2, 4, 5-Trichlorophenol	400	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D042 2, 4, 6-Trichlorophenol	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>

BASE NEUTRAL EXTRACTABLES mg/L (ppm)			
Material	Level > than	Yes	No
D027 1, 4-Dichlorobenzene	7.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D030 2, 4-Dinitrotoluene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D032 Hexachlorobenzene	0.13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D033 Hexachlorobutadiene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D034 Hexachloroethane	3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D038 Nitrobenzene	2.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D039 Pyridine	6.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

HERBICIDES and PESTICIDES mg/L (ppm)			
Material	Level > than	Yes	No
D012 Endrin	0.02	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D013 Lindane	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D014 Methoxychlor	10.0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D015 Toxaphene	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D016 2, 4-D	10.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D017 2, 4, 5-TP (Silvex)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D020 Chlordane	0.05	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D021 Heptachlor	0.008	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- 0 - VOLs

SECTION 6 SHIPPING INFORMATION

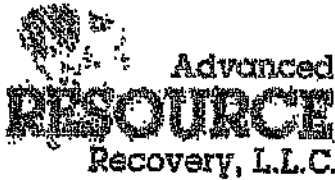
Is this waste a D.O.T. Hazardous Material?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
By-Product Reporting Code:	<input type="checkbox"/> 017L - Crankcase Oil <input type="checkbox"/> 019L - Coolants and Water Soluble Oil <input type="checkbox"/> 021L - Other Oil <input type="checkbox"/> 029L - Other Wastes <input type="checkbox"/>
Proper Shipping Name:	Non-Hazardous Waste
Method of Shipment:	<input checked="" type="checkbox"/> Bulk <input type="checkbox"/> Drum <input type="checkbox"/> Tote
Additional Handling / Comments:	
Waste Receipt Classification:	<input type="checkbox"/> Organic Waste <input type="checkbox"/> Inorganic Waste <input type="checkbox"/> Metal Derived Waste

Section 7 Terms and Conditions of Waste Service

1. **Waste Disposal.** Subject to the terms and conditions contained herein and those in the Proposal and Approval Notification Letter, Advanced Resource Recovery, (hereinafter "ARR" or "Company"), and the Service Provider and/or Generator, (hereinafter collectively "Customer"), agree to be legally bound hereby and that ARR agrees to accept at its facility (the "Facility") Industrial Waste (hereinafter referred to as "Industrial Waste" or "Waste") delivered by Customer, and which is acceptable to ARR as herein provided.

2. **The Agreement.** The entire agreement of the parties for the disposal of Industrial Waste (the "Agreement") shall consist of these terms and conditions, and any application, permit, approval or other documents provided by the Company that may be applicable to such Waste. Waste accepted at the Facility by Company will constitute Customer's acceptance of the Proposal and Approval Notification's terms and conditions as well as the terms and conditions herein. Each Waste Approval's terms and conditions will supersede the terms and conditions of any prior Agreement between the parties.

3. **Waste Accepted at Facility.** Customer warrants that the Waste described in the Waste Characterization Profile that is delivered to Company at its Facility hereunder will not contain any quantity of hazardous materials or substances, radioactive materials or substances or toxic wastes



Used Oil Certification

Advanced Resource Recovery, L.L.C. is required under Federal Law 40CFR 279.53 to keep on file the following information pertaining to used oil waste streams.

Generator Name:

EPA ID#:

Contact Person:

Please mark with an "X" in the appropriate box below, the statement best describing your used oil waste stream:



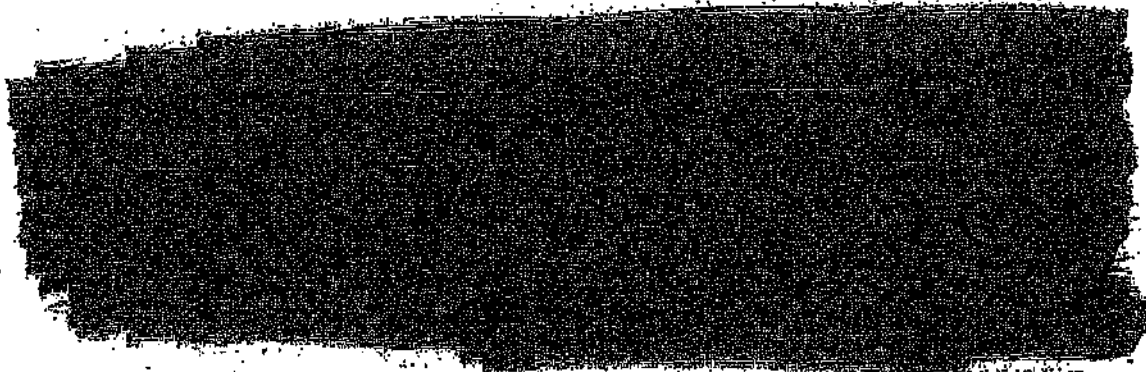
The oil in our waste stream is below 1,000 ppm total halogens and therefore is not regulated. This oil also does not exceed regulated levels of individual halogenated constituents including PCB's. (If this box is marked, please attach the PCB analysis for this waste stream.)



The oil in our waste stream exceeds 1,000 ppm halogens and is exempt from hazardous presumption because the process uses petroleum products containing non-hazardous chlorinated substances. (If this box is marked, please attach either the Material Safety Data Sheet (MSDS) demonstrating chlorinated petroleum content or a F-Series Solvent-Scan demonstrating the oil has not been mixed with chlorinated solvents.)

The undersigned hereby certifies the marked paragraph above and any attached information is true and accurate, that the used oil stream has not been mixed with PCB's and PCB's do not exist at the generator's facility. The undersigned has executed this Certification with full and complete power and authority to do so, as of the day and year written below.

Generator:



Advanced Resource Recovery, L.L.C.
27140 Princeton Ave. PO Box 330 Inkster, MI 48141
tel. (313) 724-8600 fax (313) 724-8612