

July 31, 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 forty-fourth Monthly Report in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011).

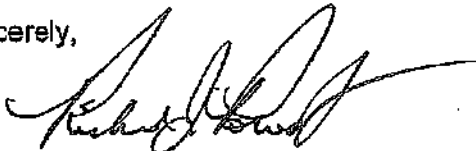
EGT is providing all of the attached information in the same sequence as required by both subject permits, i.e. Part II.D.1 (a-i), Part III, Attachment A, and Part III, Attachment E.G.2 & E.I.

EGT hereby timely submits its twenty-fifth Injection Fluid Analyses (for June, 2017) 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.

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,



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

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

att.

rjp073117/EGTEPAMonthlyReport-June, 2017



290 South Wagner Road
Ann Arbor, Michigan 48103
Tel. 734/995-0995 Fax. 734/998-3731
Michigan Laboratory ID: 9604
Wisconsin Laboratory ID: 988321720

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: 7/25/17
ATS SRF: 0706171

Sample Identification: June Composite 2017

Sample Date:	7/5/17	QC Batch Number:	QCOR0710171-E
Laboratory Receipt Date:	7/6/17		B7G0042
Preparation Date:	7/10/17, 7/11/17	Sample Matrix:	Wastewater
Analysis Date:	7/20/17, 7/11/17	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 (92-87-5)	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	<0.00000000005	0.00000000005
Octachlorodibenzofuran (39001-02-0)	EPA 1613B	mg/mL	<0.00000000005	0.00000000005
Octachlorodibenzo-p-dioxin (3288-87-9)	EPA 1613B	mg/mL	0.00000000052	0.00000000005
Tetrachlorodibenzo-p-dioxins	EPA 1613B	mg/mL	<0.00000000004	0.00000000004

<u>Surrogates / Labeled Standards:</u>	<u>Method</u>	<u>Percent Recovery</u>	<u>Recovery Limits</u>
2-Fluorobiphenyl	EPA 8270 Mod	117.5	(50 - 150)
Nitrobenzene-d5	EPA 8270 Mod	106.3	(50 - 150)
p-Terphenyl-d14	EPA 8270 Mod	116.7	(50 - 150)
Tetrachloro-m-xylene (TCMX)	EPA 8270 Mod	107.8	(50 - 150)
13C-1,2,3,4,7,8-HxCDD	EPA 1613B	52.9	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	EPA 1613B	51.0	(28 - 130)
13C-1,2,3,7,8,9-HxCDD	EPA 1613B	52.0	(32 - 141)
13C-OCDF	EPA 1613B	46.5	(17 - 157)
13C-OCDD	EPA 1613B	45.1	(17 - 157)
13C-2,3,7,8-TCDD	EPA 1613B	33.0	(25 - 164)

Comments:

USEPA Analysis 1613B performed by Vista Analytical.

WELL 1 DATA

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 + 3.3)

Channel #2

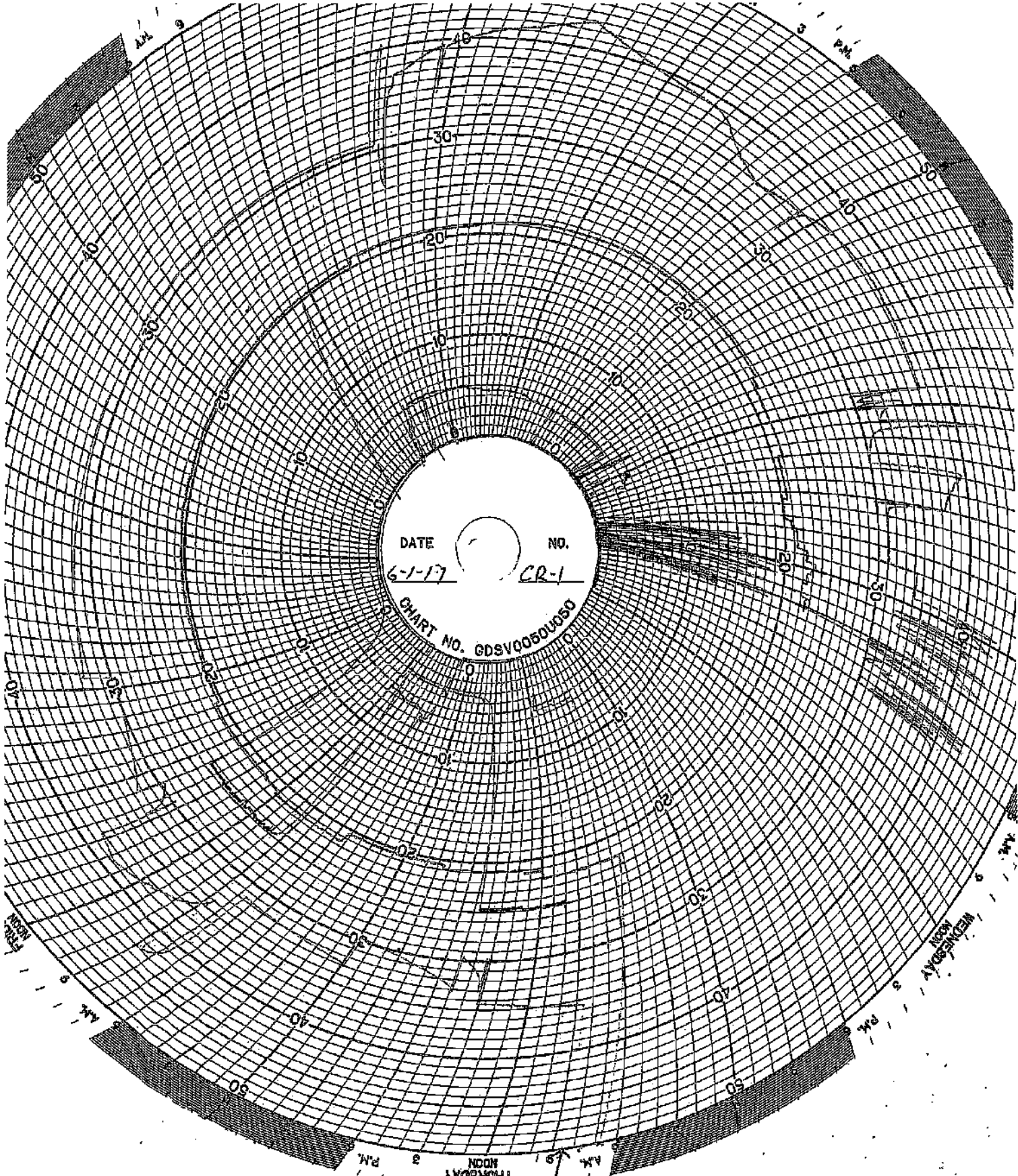
Red Pen – Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

Channel #4

Black Pen – Temperature (chart value x 0)

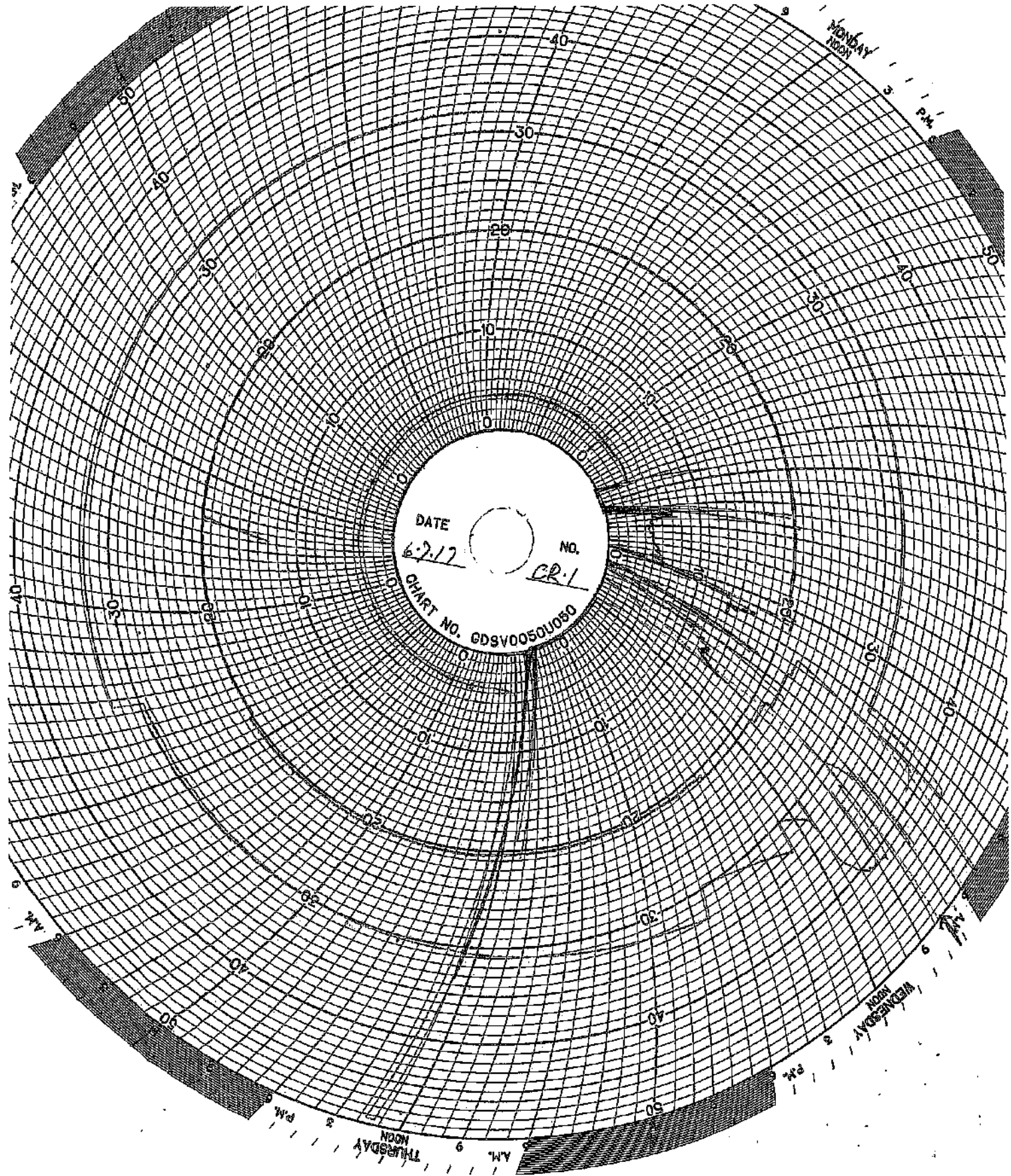


THURSDAY 3 P.M.

WEDNESDAY 3 P.M.

WEDNESDAY 3 P.M.

THURSDAY 3 P.M.



DATE 6-2-17
NO. CR-1
CHART NO. GDSV00501080

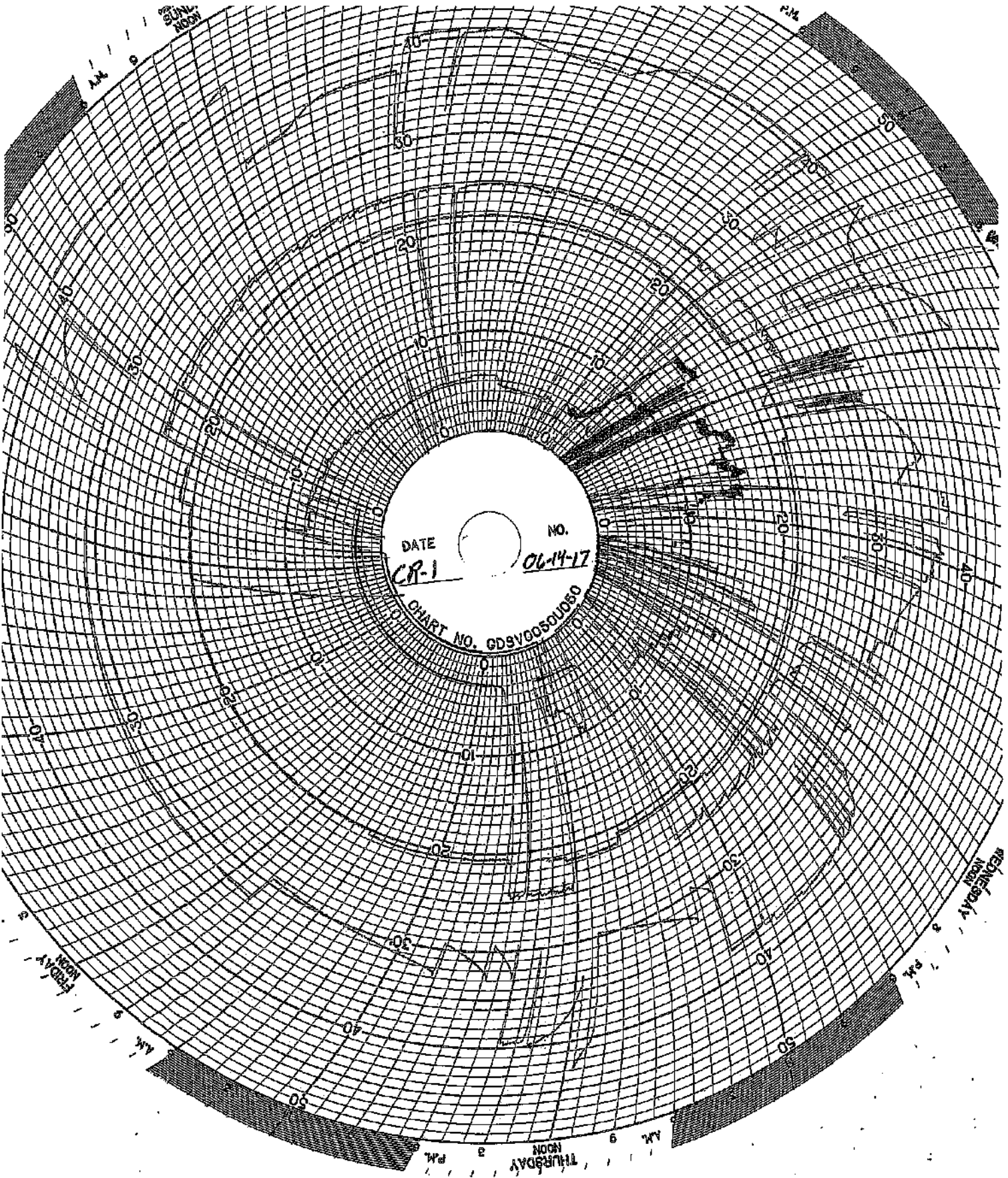
MONDAY
NOON

3 PM

WEDNESDAY
NOON

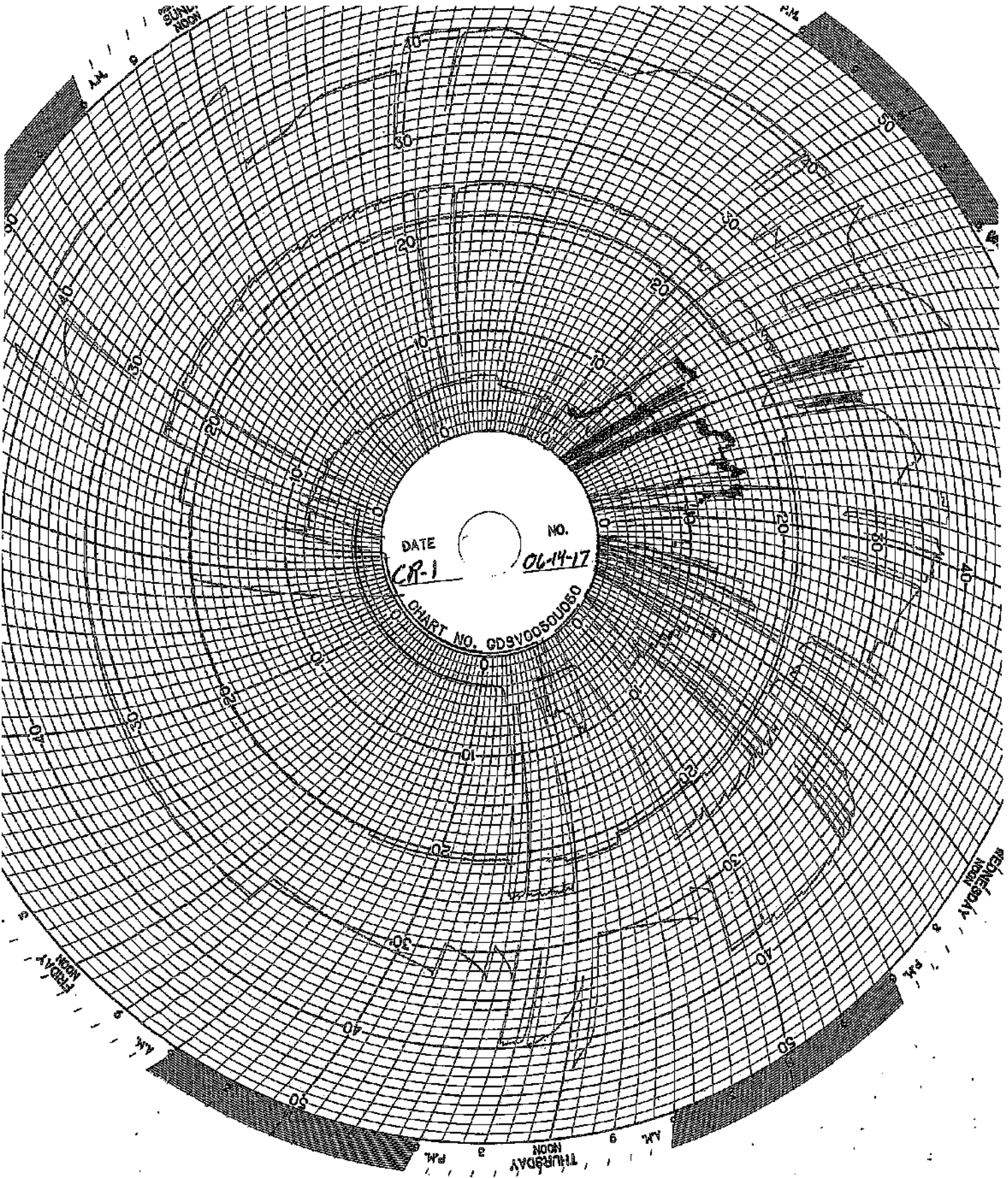
THURSDAY
NOON

9 AM



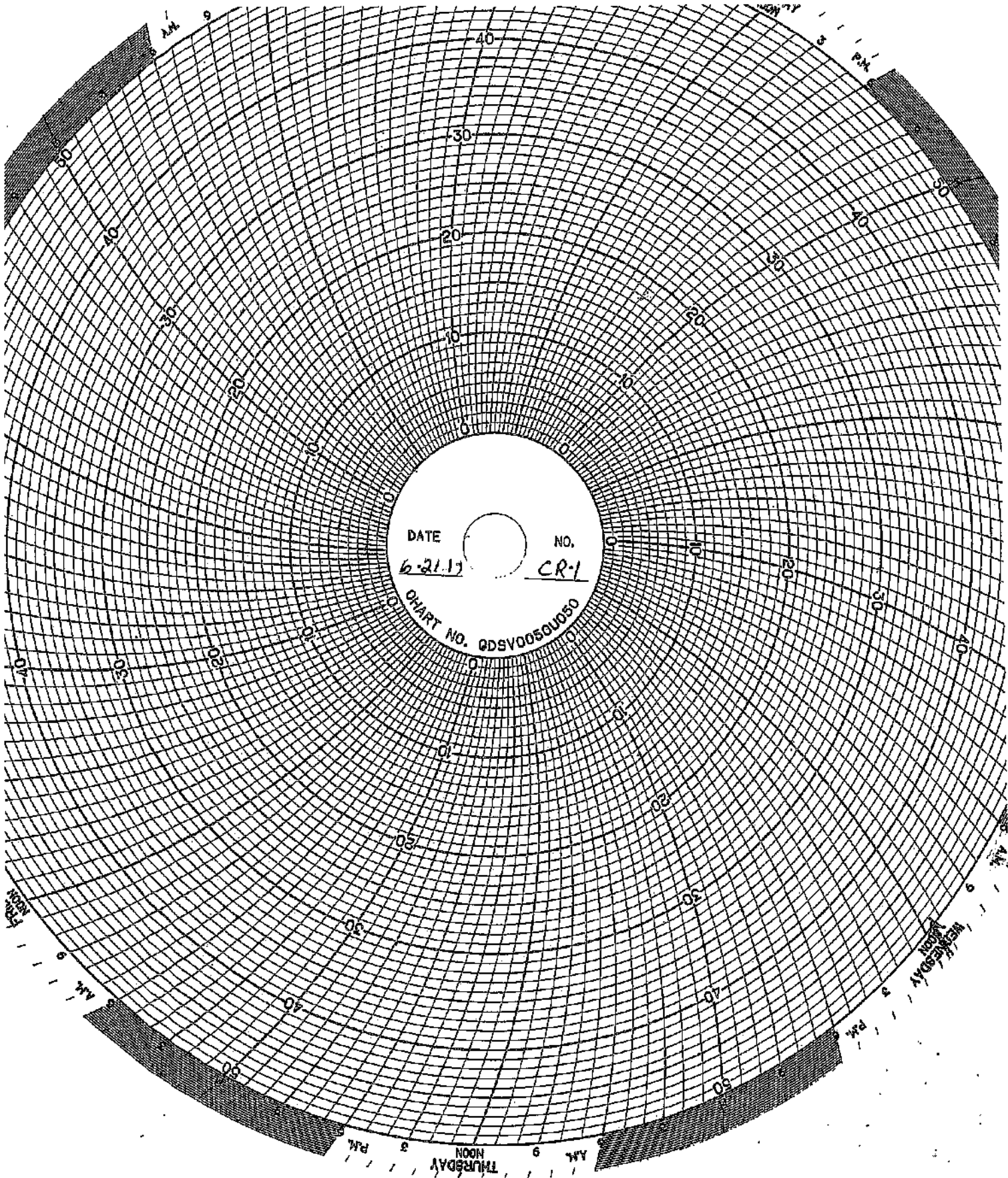
DATE CR-1 NO. 06-14-17

CHART NO. GDSV00S0U050



DATE CR-1 NO. 06-14-17

CHART NO. GDSV00S0U050



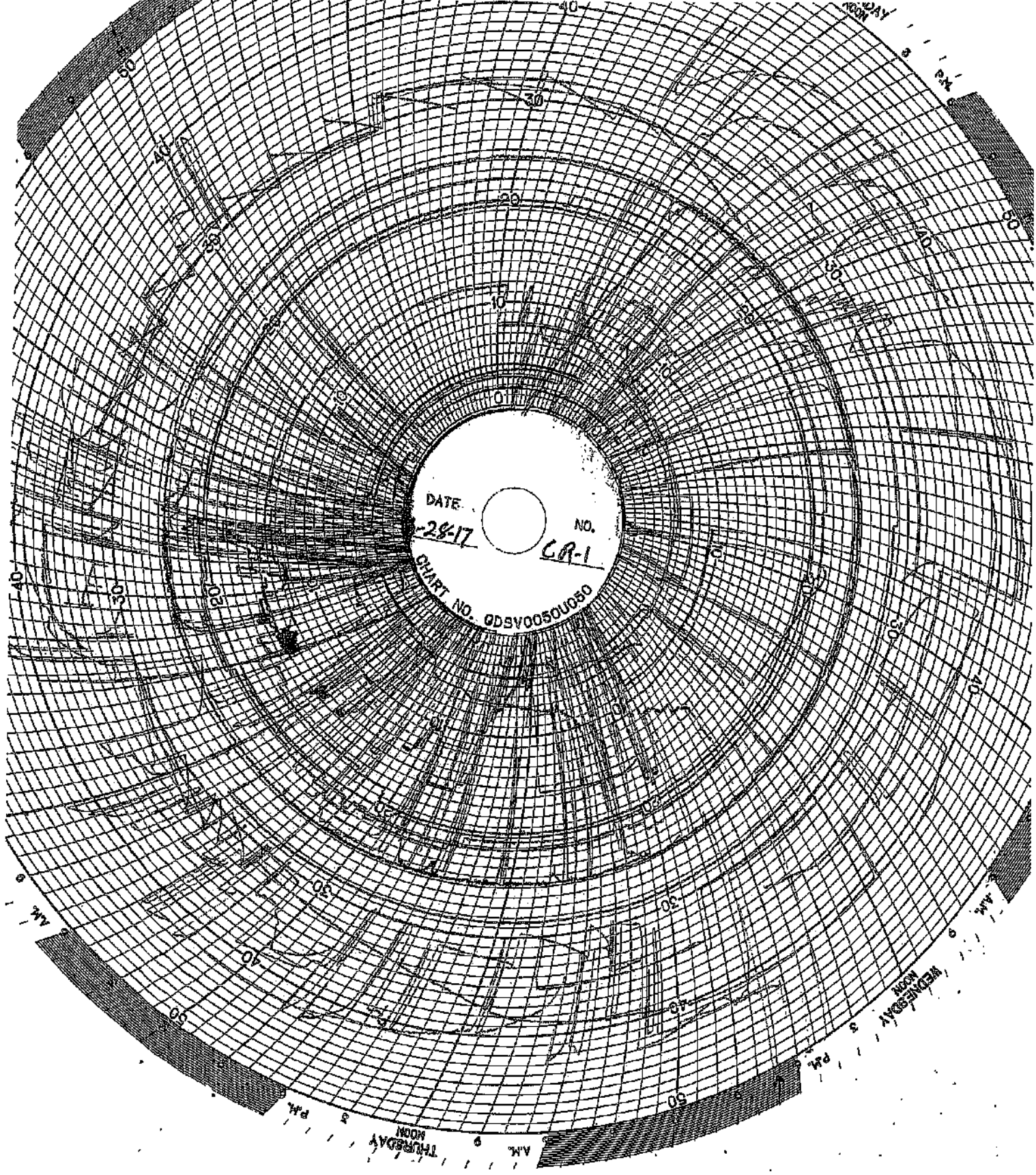
DATE NO.

6-21-17 CR-1

CHART NO. QDSV0050U050

THURSDAY 9 AM 3 PM

THURSDAY 9 AM 3 PM



DATE 2-28-17
NO. CR-1
CHART NO. 08SV0050U030

THURSDAY
NOON

WEDNESDAY
NOON

WELL 2 DATA

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 ÷ 3.3)

Channel #2

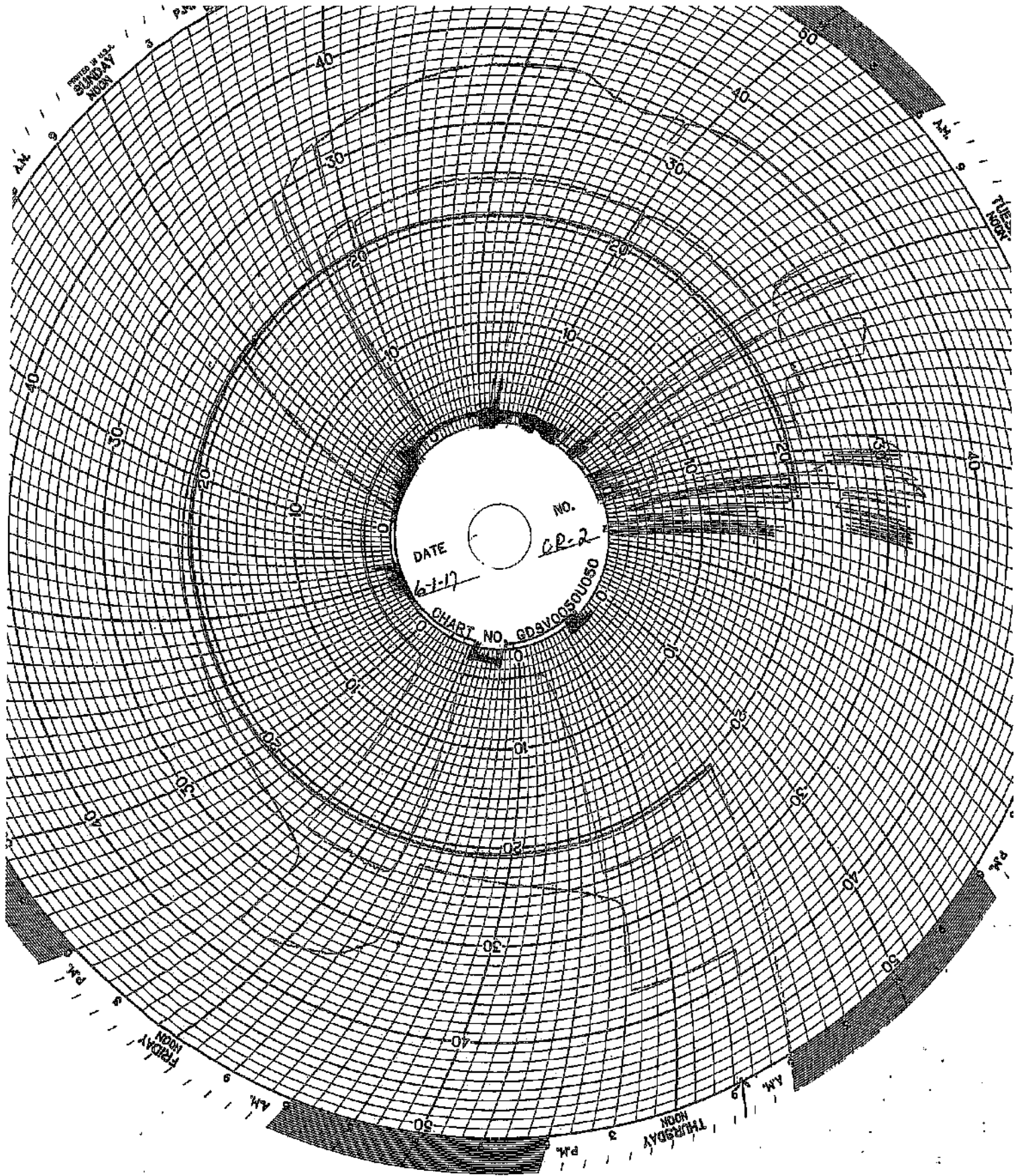
Red Pen - Well 1 Monthly Volume (chart value x 100,000)

Channel #3

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

Channel #4

Black Pen - Temperature (chart value x 0)



DATE 6-7-17
NO. CR-2
CHART NO. GDSV0050U050

SUNDAY

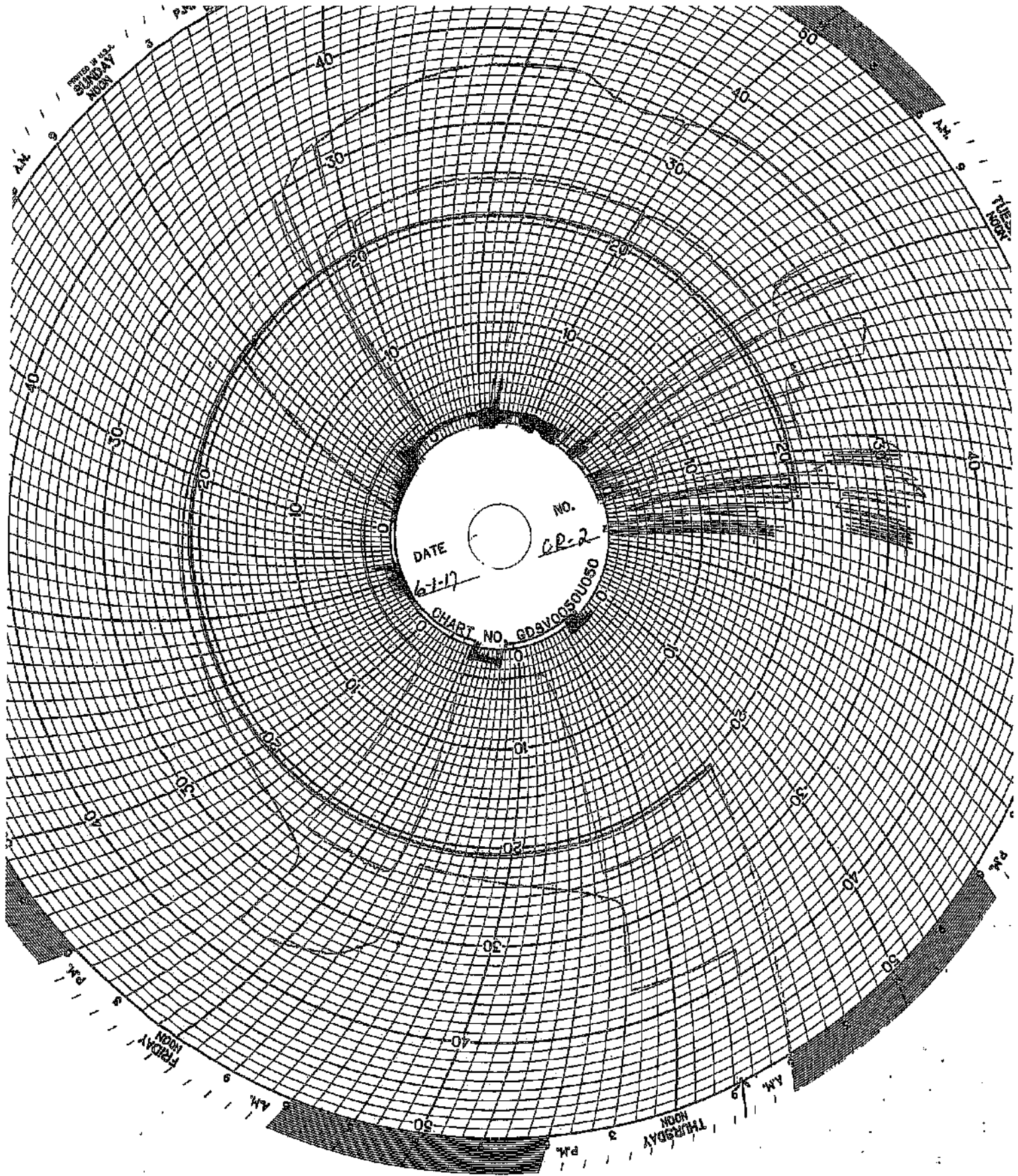
TUESDAY

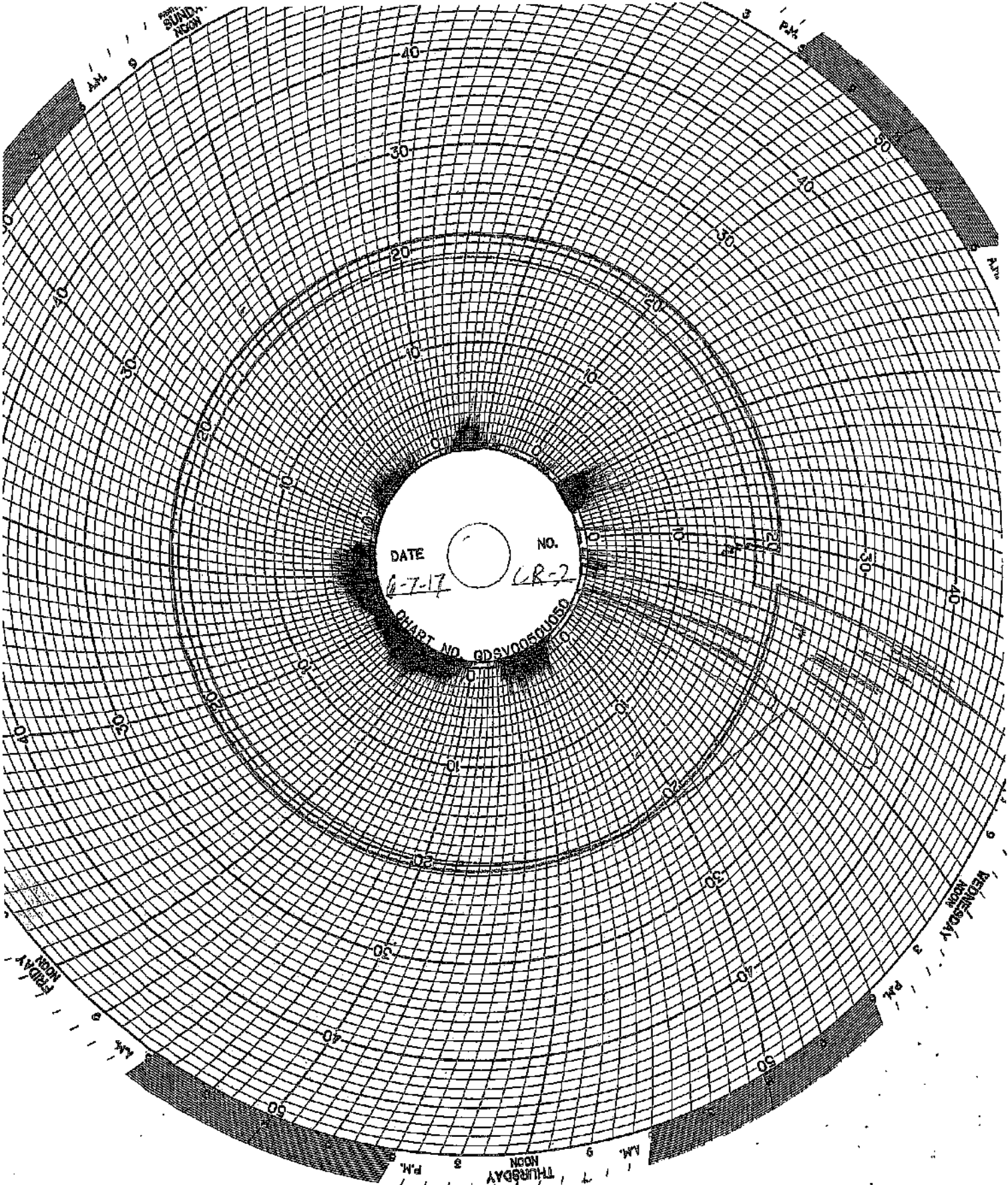
WEDNESDAY

THURSDAY

FRIDAY

MONDAY

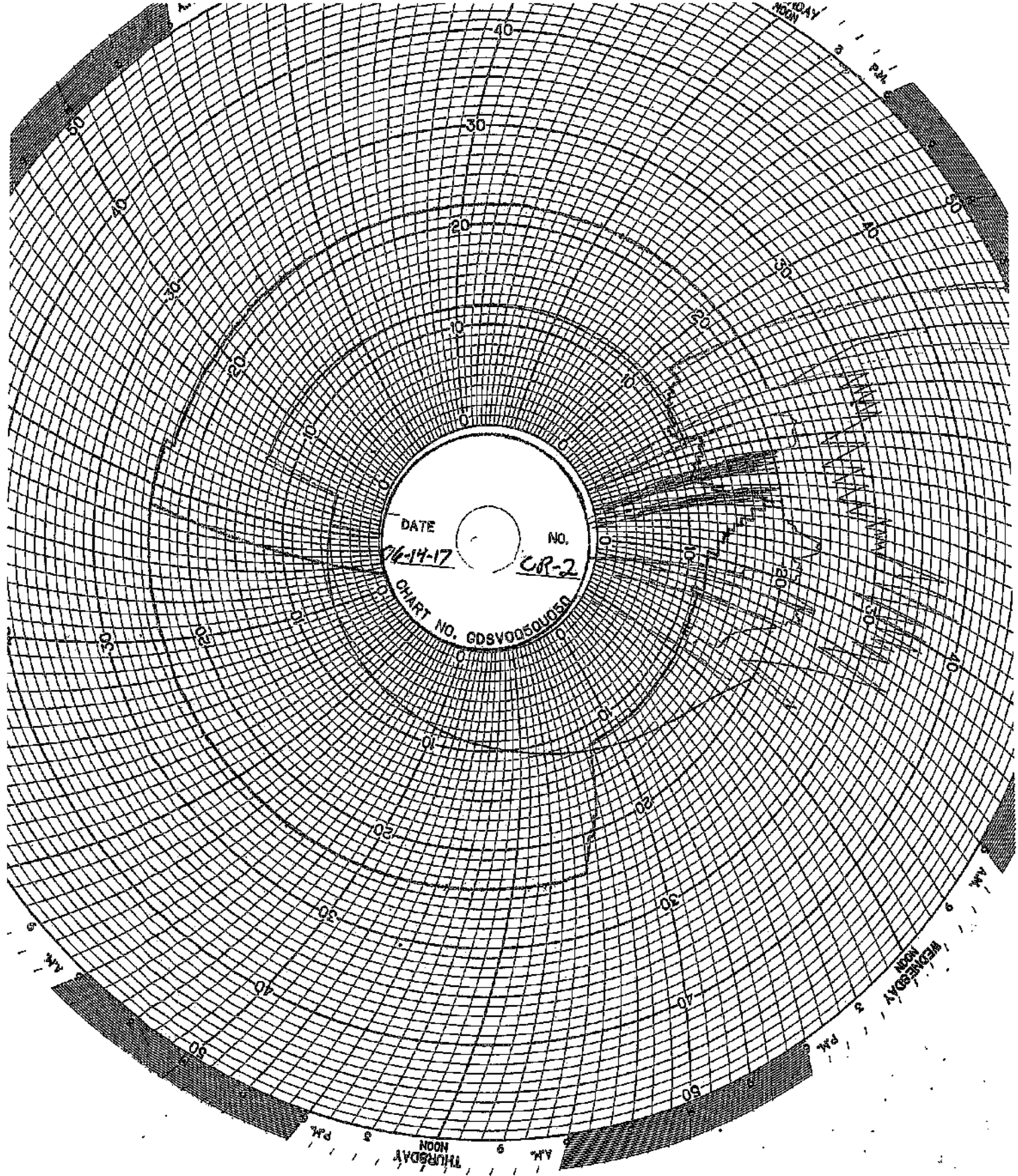




DATE 6-7-17

NO. CR-2

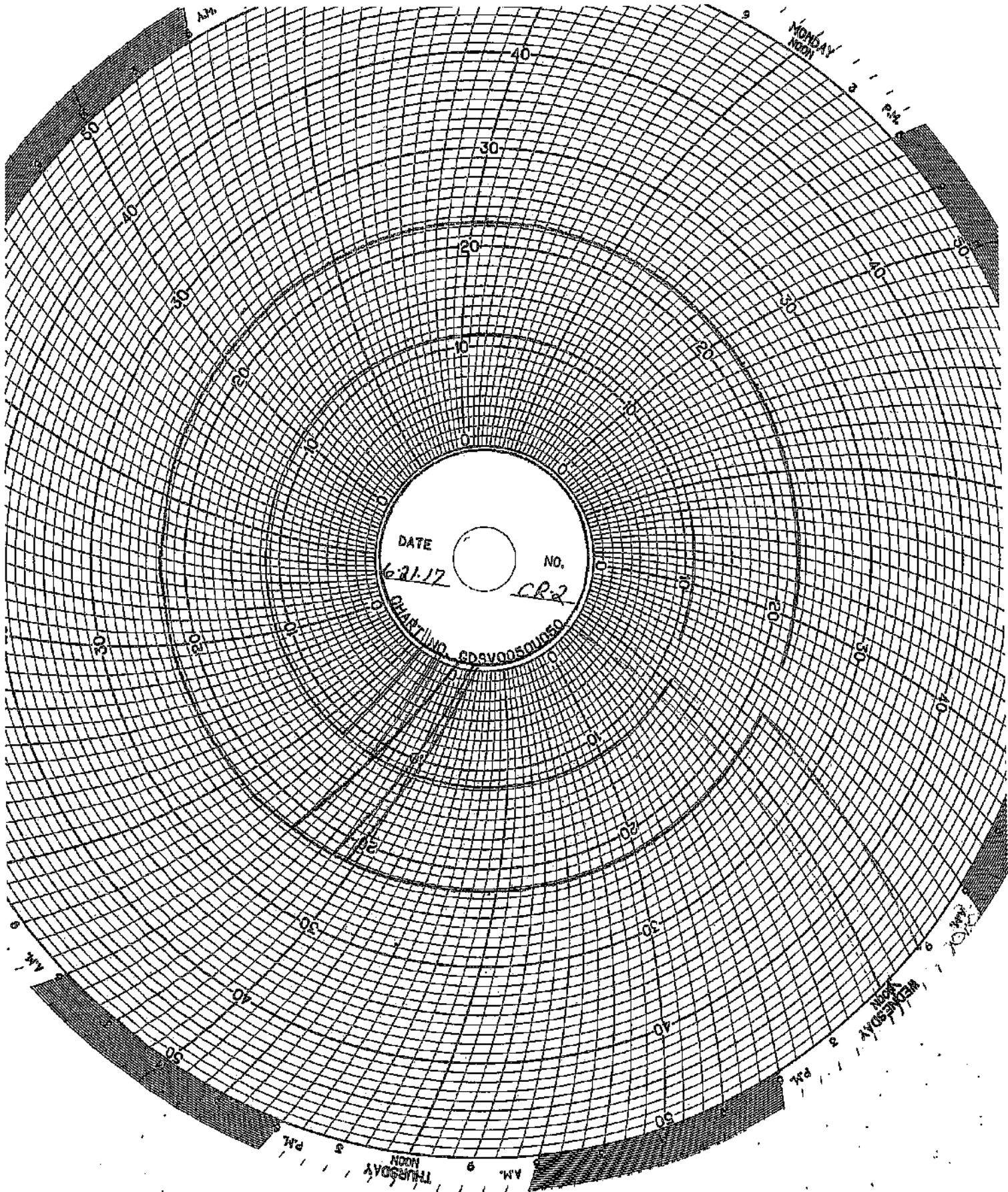
CHART NO. 0000000000



DATE 7-14-17
NO. CR-2
CHART NO. GDSV00505050

THURSDAY
NOON
9 AM
3 PM

WEDNESDAY
NOON
9 AM
3 PM

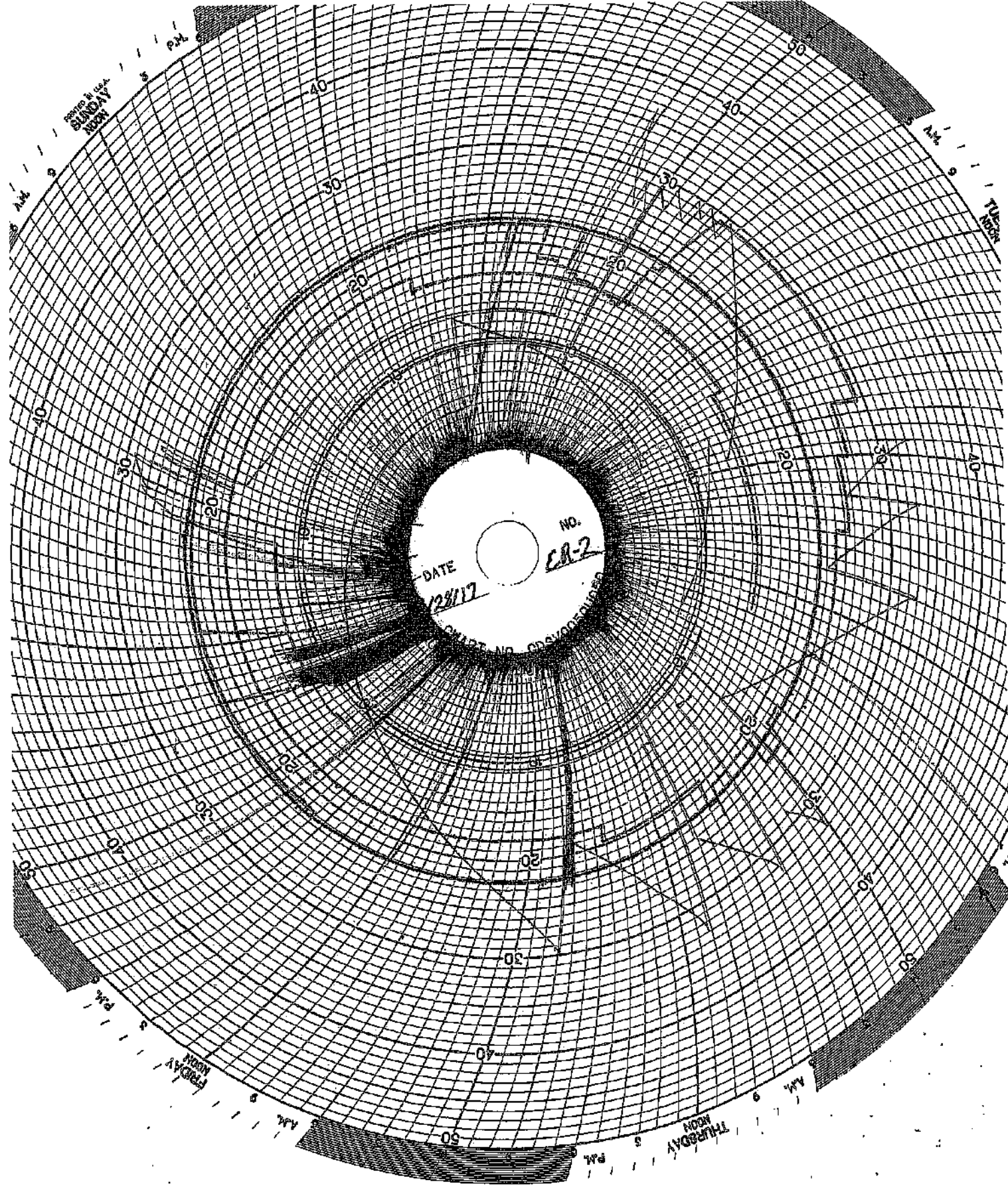


DATE 6-21-17 NO. CR2
CHARTING CDSV00501050

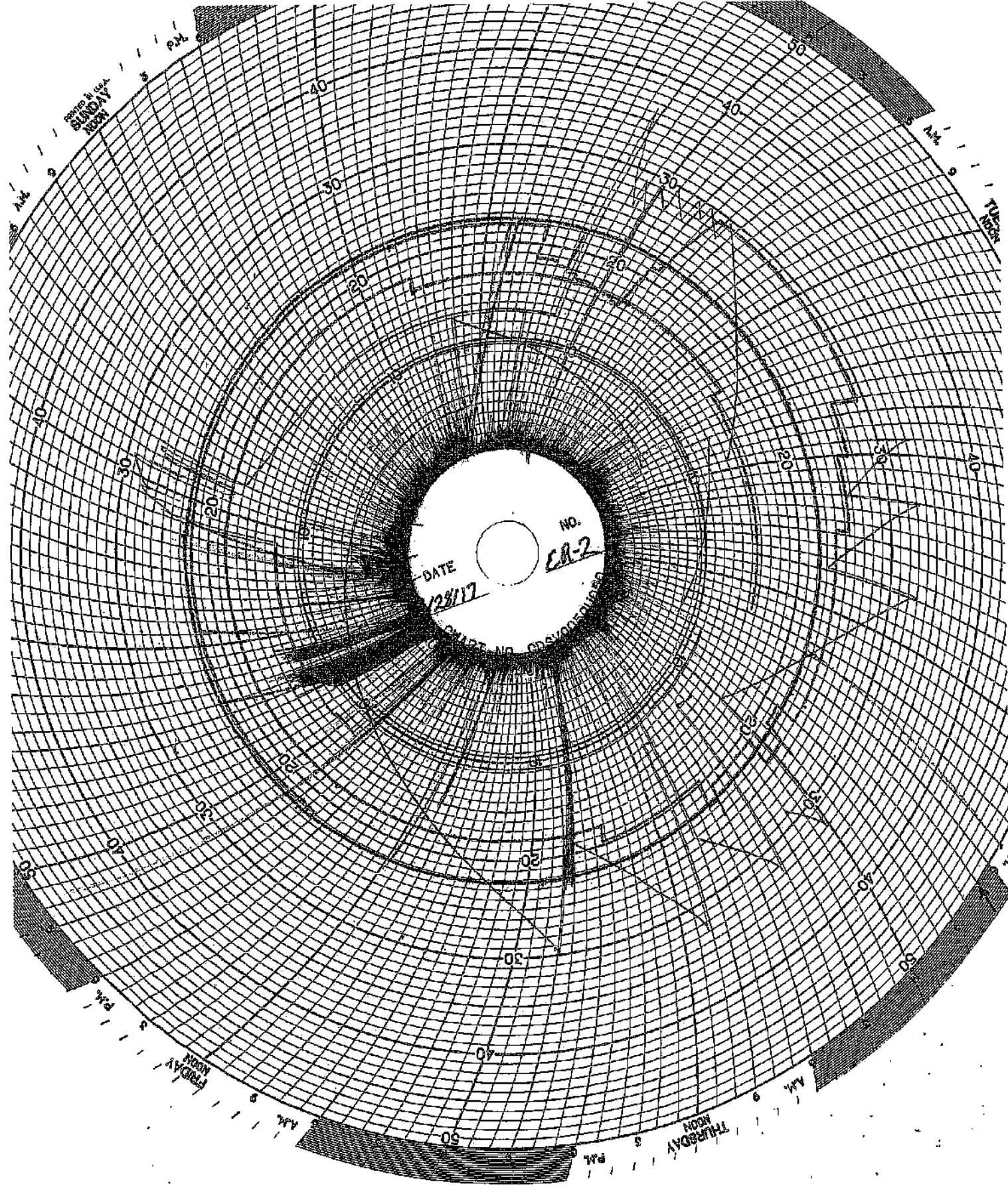
9 AM
MONDAY
NOON

3 PM
6 PM
THURSDAY
NOON

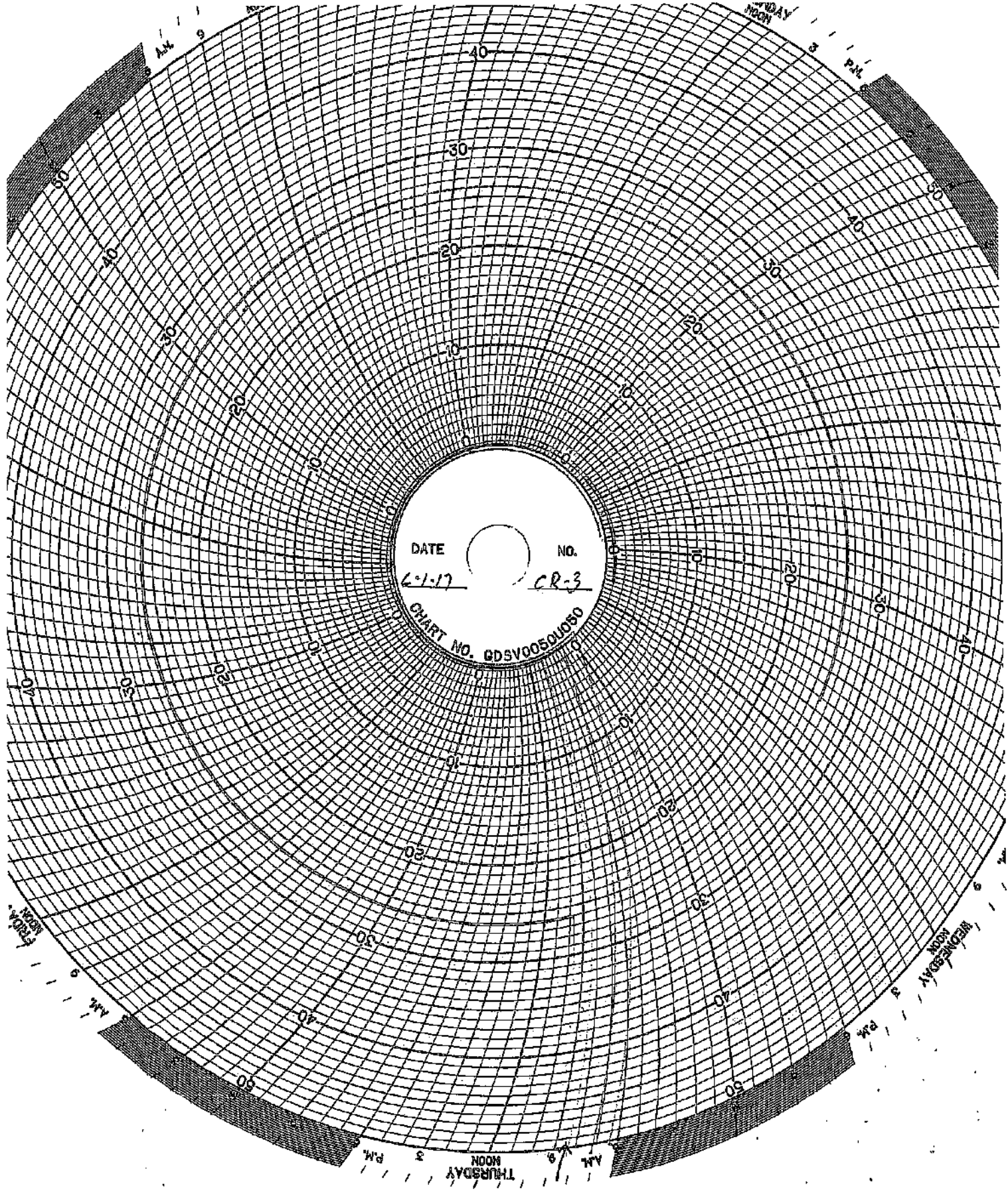
9 AM
THURSDAY
NOON



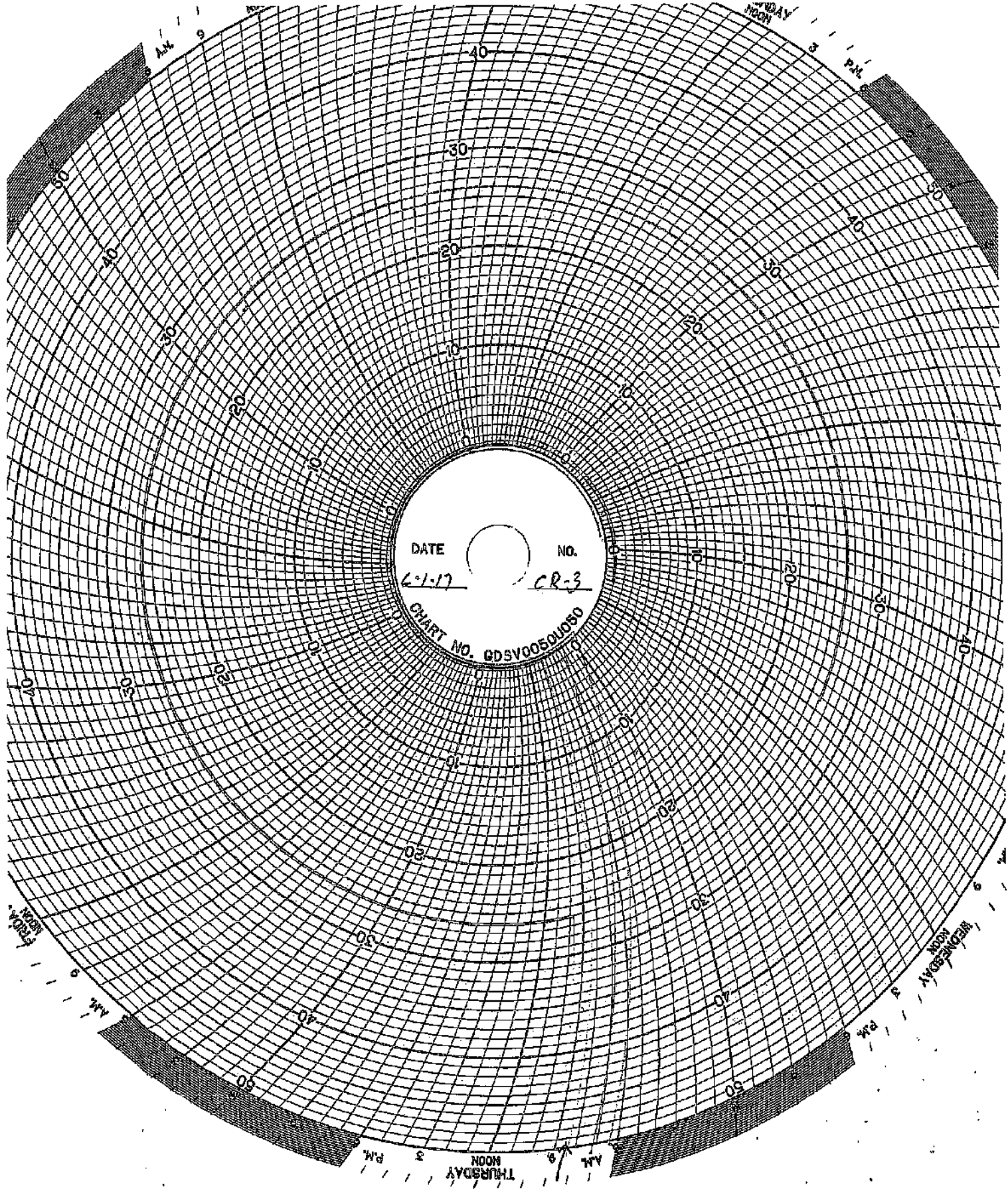
DATE 12/17
NO. CR-2



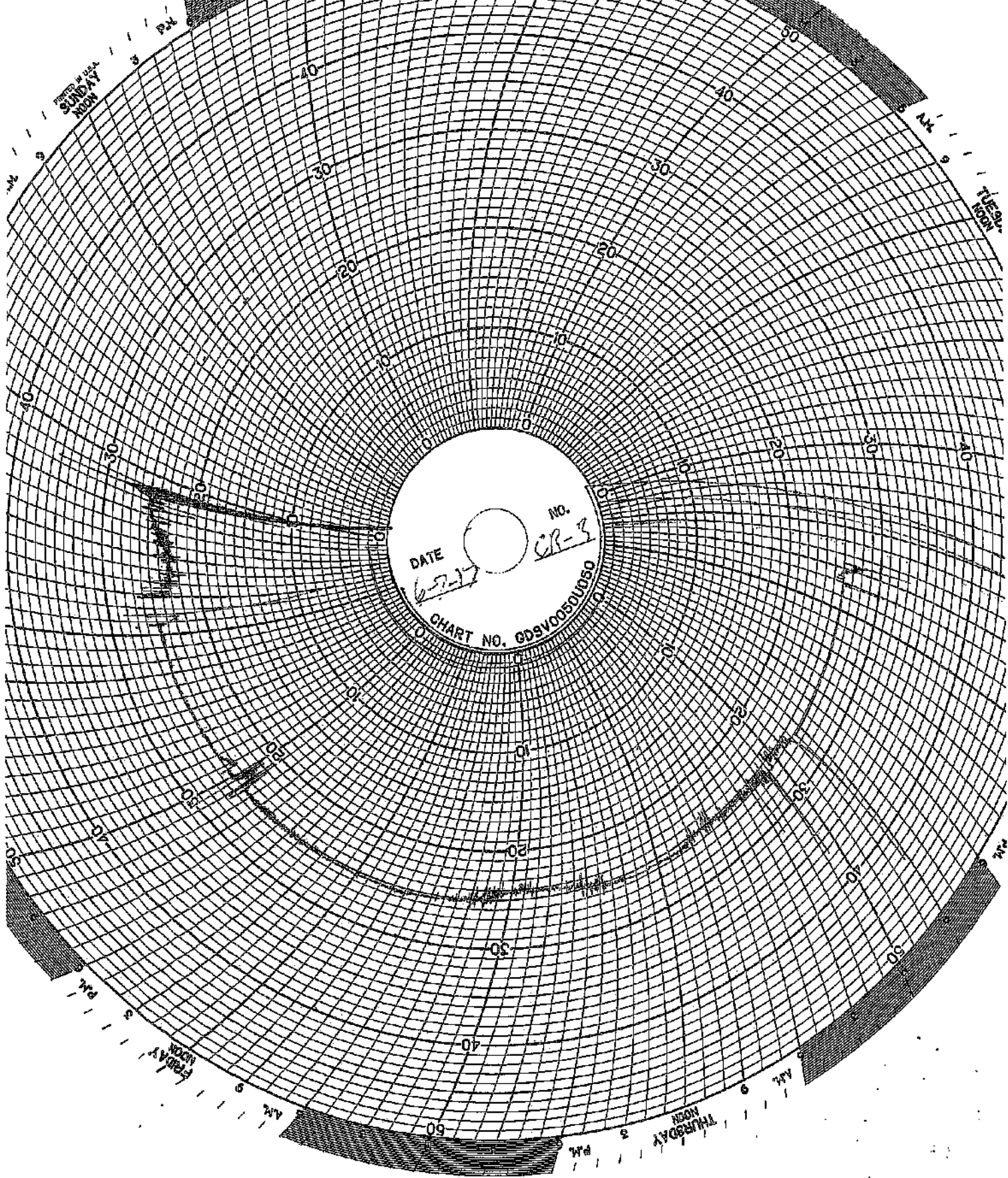
DATE 12/17
NO. CR-2



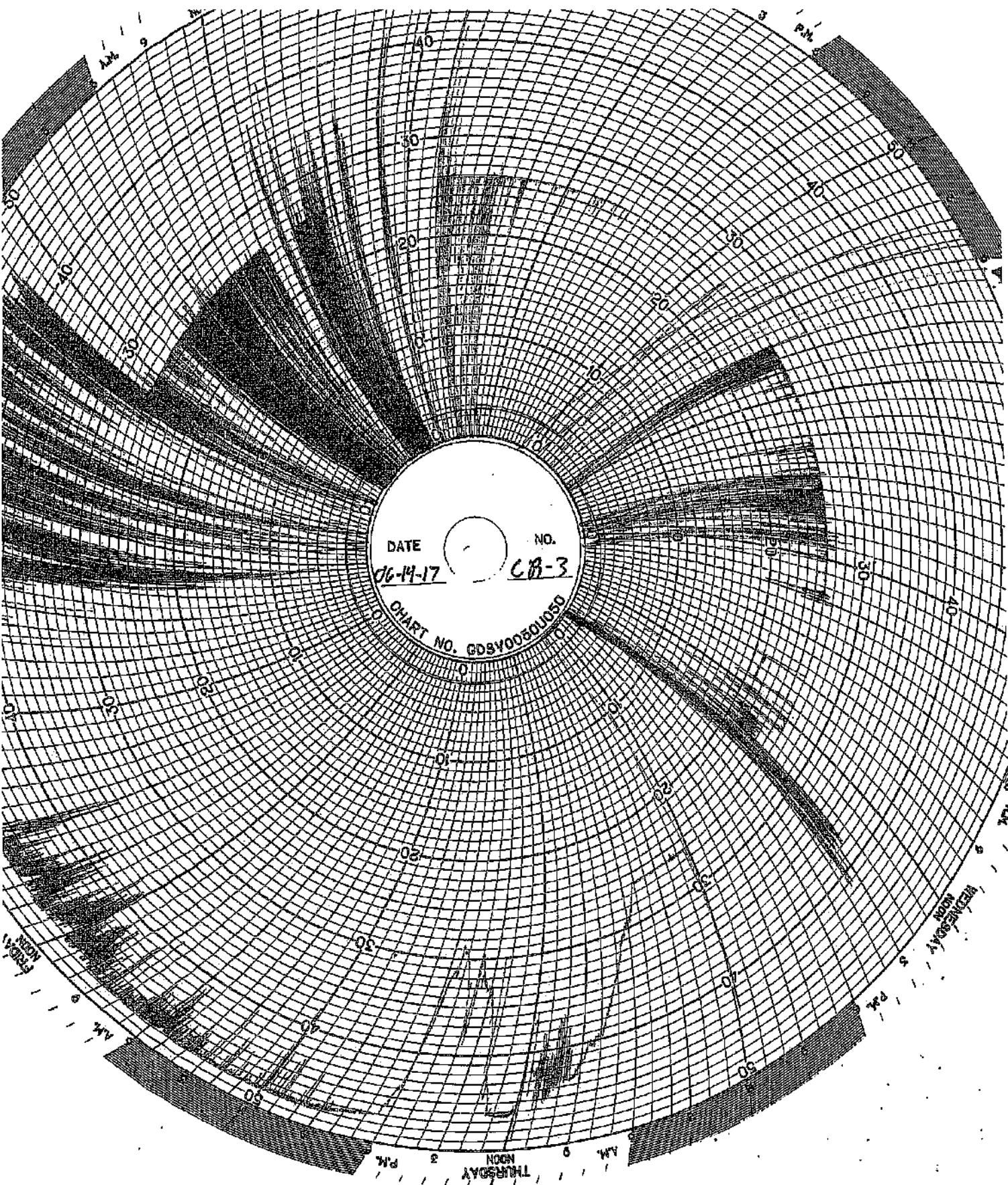
DATE 6-1-17 NO. CR-3
CHART NO. GDSV00501060



DATE 6-1-17 NO. CR-3
CHART NO. GDSV00501060



DATE 6-2-17
No. CR-3
CHART NO. 085400551050



THURSDAY
NOON 9
P.M. 3

WEDNESDAY
NOON 9
P.M. 3

PRINTED IN U.S.A.
SUNDAY
NOON

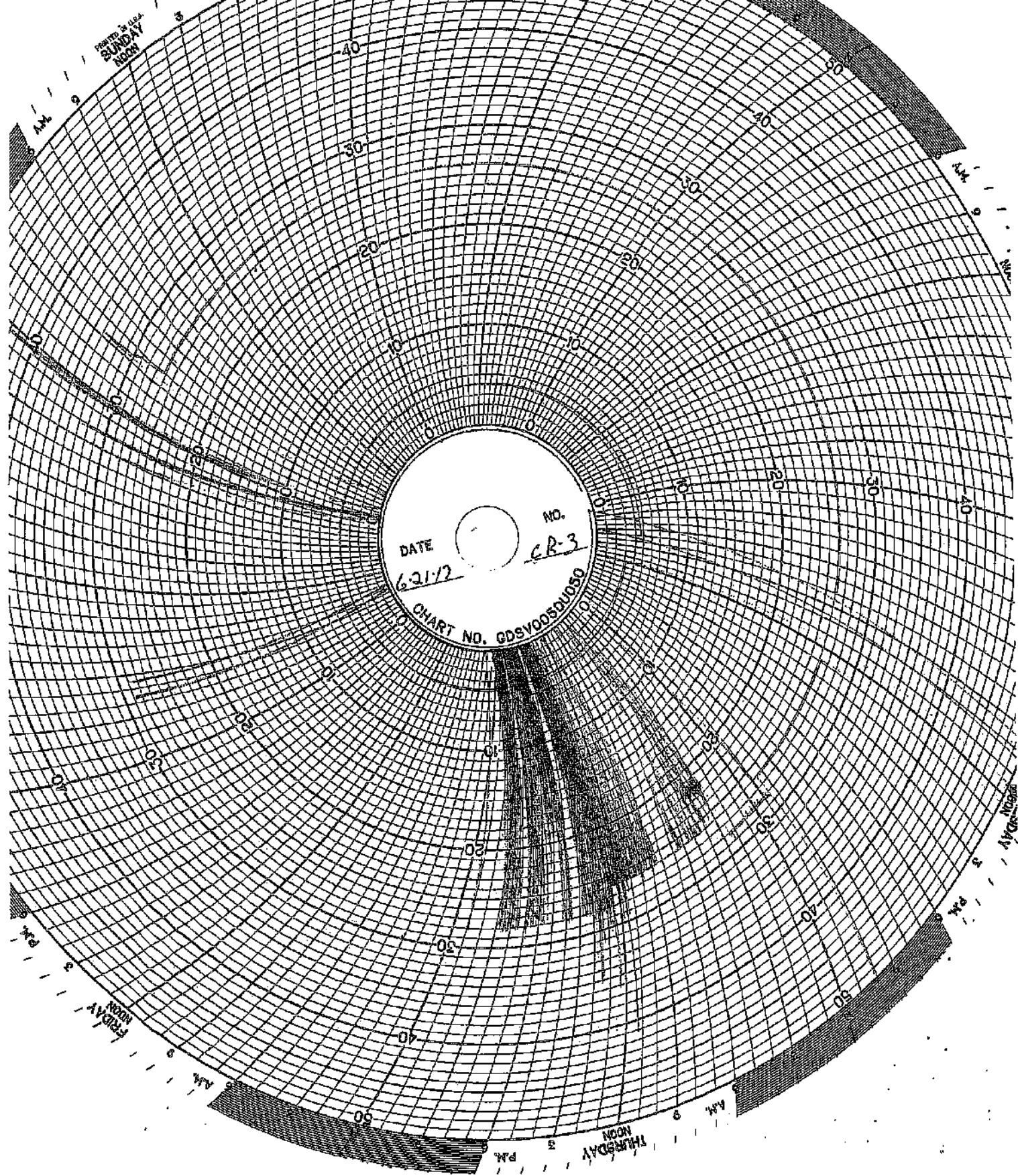
DATE

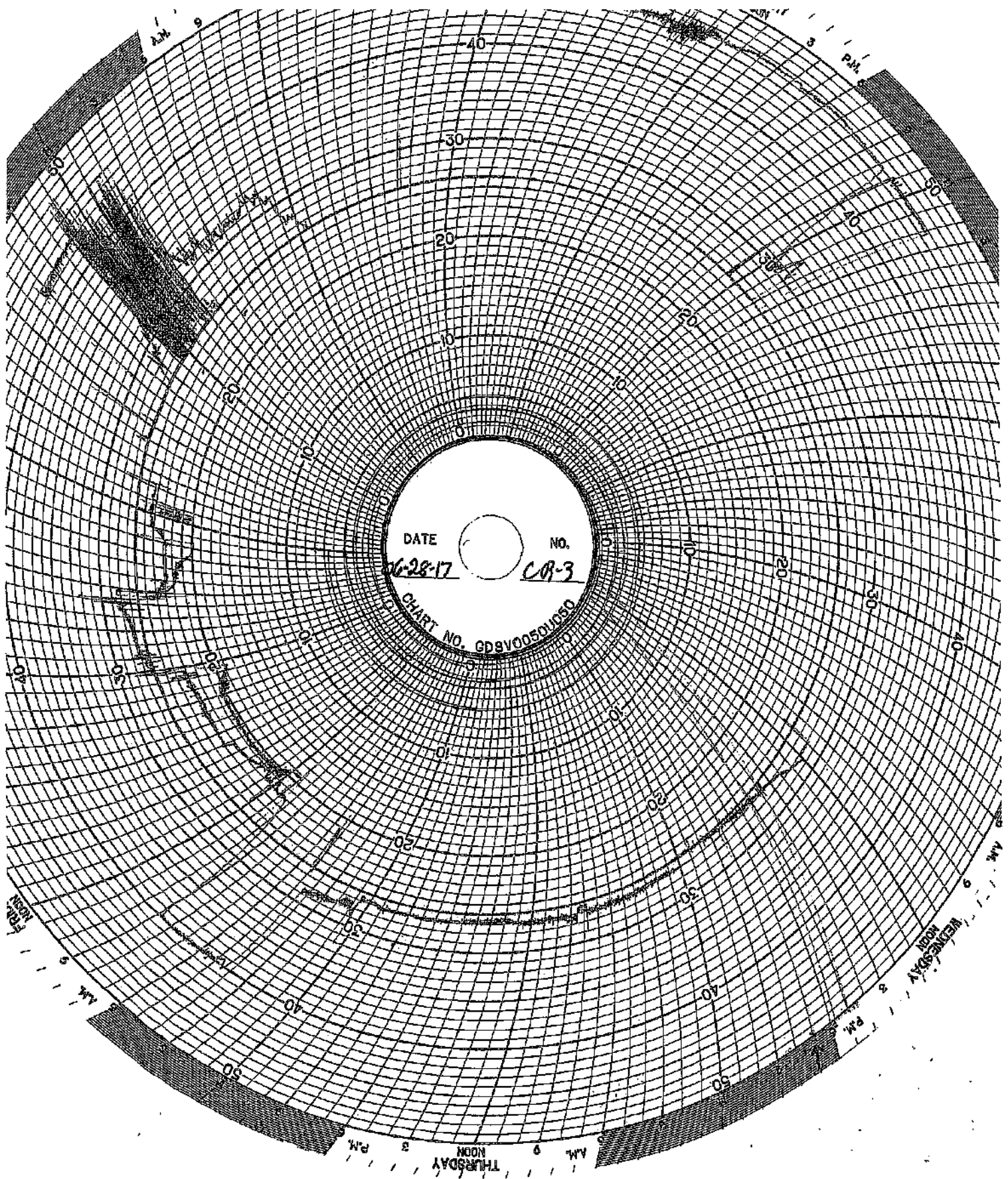
6-21-72

NO.

CR-3

CHART NO. GDSV005DU050





MAINTENANCE LOG

UIC Monthly Maintenance Log

6/14/2017	Well 1	Replaced the Tee block on the wellhead
6/15/2017	Well 2	Added 30 gallons of diesel fuel to annulus tank

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 PLAN
COUPON SUMMARY**

Date	Hastelloy	Stainless Steel	Fiberglass	
	(C267)	(316L)	(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	
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	13.338 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	
9/21/2015	13.336 g	8.987 g	6.792 g	
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	
12/17/2015	13.334 g	8.933 g	6.791 g	
1/29/2016	13.334 g	8.931 g	6.788 g	
2/16/2016	13.332 g	8.799 g	6.757 g	
3/31/2016	13.339 g	9.286 g	7.005 g	New stainless steel coupon
4/22/2016	13.333 g	8.590 g	6.744 g	
5/31/2015	13.334 g	6.084 g	6.784 g	
6/30/2016	13.328 g	10.942 g	6.793 g	
8/3/2016	13.326 g	10.529 g	6.743 g	
8/29/2016	13.325 g	10.020 g	6.723 g	
10/27/2016	13.325 g	8.765 g	6.708 g	
11/29/2016	13.327 g	8.571 g	6.740 g	
12/12/2016	13.323 g	8.223 g	6.717 g	
1/3/2017	13.325 g	8.059 g	6.712 g	
2/28/2017	13.324 g	7.634 g	6.727 g	
3/24/2017	13.325 g	7.370 g	6.732 g	
4/28/2017	13.325 g	6.736 g	6.736 g	
5/11/2017	13.323 g	7.352 g	6.689 g	
6/12/2017	13.323 g	7.357 g	6.689 g	

CORROSION MONITORING COUPONS VISUAL DESCRIPTION

June 12, 2017

Fiberglass Coupon

The coupon is dark orange (rust) in color with similar semi-smooth textures on both sides. Its cut edges appear sanded. The coupon is free of pits, cracks, swelling, wicking and blemishes. There has been minimal affect to this coupon. The weight of this coupon is 6.689 grams.

Hastelloy Coupon

This coupon is identified as C276 with Serial Number 5. The coupon is silver in color with a lightly sandblasted texture. It is clean and free of pits, cracks, and blemishes. There appears to be no effect on this coupon. The weight of this coupon is 13.323 grams

Stainless Steel Coupon

The coupon had experienced substantial corrosion since last month. The coupon is seriously pitted and corroded. Continuous affect takes place with this coupon. The weight of this coupon is 7.357 grams.

GHSQUIERE PLASTIC TESTING, INC.

20460 HARPER AVENUE
HARPER WOODS, MI 48225
PHONE (313) 865-0535
FAX (313) 868-1771

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. C. #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:

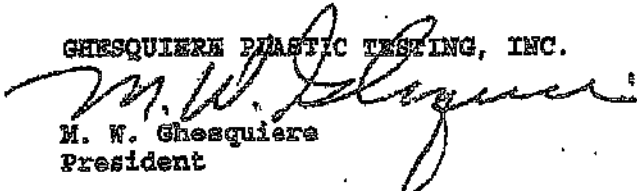
The following determination was made based upon the above test:

BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	90

Specimen is being returned with this report for further evaluation.

GHSQUIERE PLASTIC TESTING, INC.


M. W. Ghesquiere
President

MWG/knl

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

GHESEQUIERE PLASTIC TESTING, INC.

20450 HARPER AVENUE
HARPER WOODS, MI 48226
PHONE (313) 885-2538
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:

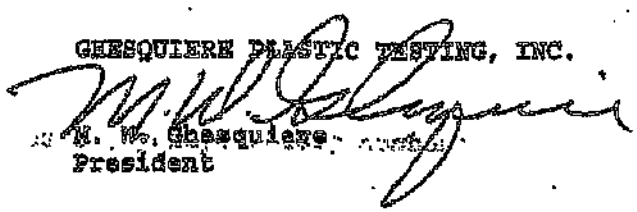
BARCOL HARDNESS

Hardness

Specimen 1: 90

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

GHESEQUIERE PLASTIC TESTING, INC.


M. W. Ghesquiere
President

MWG/Am

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 quality 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 90 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) 885-3535
FAX (313) 885-1771

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

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

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

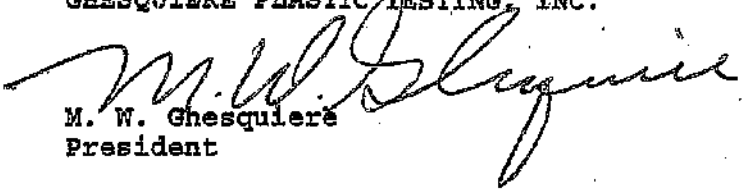
Hardness

Specimen 1

85

Specimen was returned to the client June 16, 2014.

Ghesquiere Plastic Testing, Inc.


M. W. Ghesquiere
President

MWG/dm



October 2, 2014

TEST REPORT

PN 118325

PO Attn: John Frost

PLASTICS TESTING DEPARTMENT

Prepared For:

John Frost
Environmental Geo-Technologies, LLC
28476 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) 794-8800 | Fax: (330) 794-8810



Testing. Development. Problem Solving.

October 2, 2014

John Frost
Environmental Geo-Technologies, LLC

Page 2 of 2
PN118328

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

2997 Olcott Rd. | Akron, Ohio 44305 | answers@ardl.com
Toll Free (800) 850-ARDL | Worldwide (330) 784-8000 | Fax (330) 784-6610



October 22, 2015

John Frost
Environmental Geo-Technologies, LLC

Page 2 of 2
PN 125322

SUBJECT: Barcol Hardness on one material.

RECEIVED: One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a
Instant Reading

Results

Barcol Hardness, Instant

96

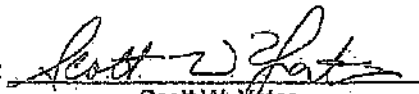
Prepared By:



Melissa Martin
Sr. Project Technician

to

Approved By:



Scott W. Yates
Plastics Testing Assistant Manager



Progress Through Innovation, Technology and Customer Satisfaction

December 12, 2016


TEST REPORT

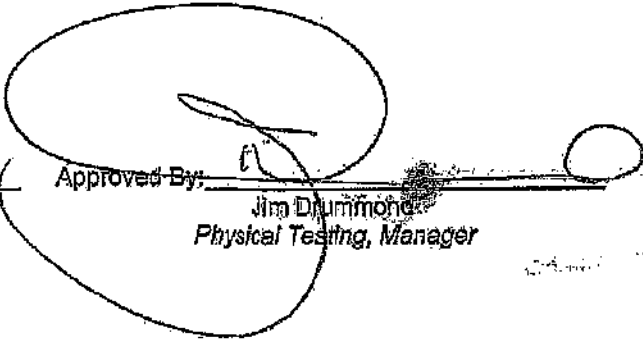
PN 132662
PO

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By: 
Melissa Martin
Senior Project Technician

Approved By: 
Jim Drummond
Physical Testing, Manager

Rev 04/19/16



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



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December 12, 2016

John Frost
Environmental Geo-Technologies, LLC

Page 2 of 2
PN 132662


SUBJECT: Barcol Hardness on one (1) material.

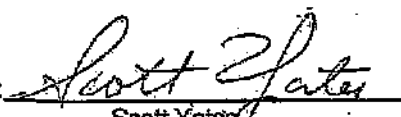
RECEIVED: One (1) small section identified as: Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2533-13a
Instant Reading

RESULTS

Barcol Hardness, Instant 96

Prepared By: 
Melissa Martin
Senior Project Technician

Approved By: 
Scott Yates
Plastics Testing, Assistant Manager

wk

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

**INJECTION
FINGERPRINTS**

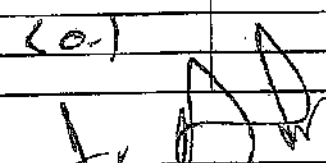
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12:15 AM 06/01/17
Receiving ID#	LOGO11701
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

TEST 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.)	2.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	77 °F		
Conductivity	35.8 mS		
% Solids	1.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.1		
Radiation Screen (as needed)			
Lab Signature			

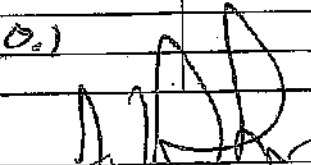
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RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	1:53 pm 06/01/17
Receiving ID#	106011701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	MVB

COPY

LAB INFORMATION		Other Elements	
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.)	6.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	82°F		
Conductivity	361 mS		
% Solids	1.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

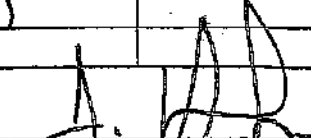
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	0920 6/2/17
Receiving ID#	T06021701
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	M.K.

COPY

ANALYSIS INFORMATION		Critical Parameters 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.)	6.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	76 °F		
Conductivity	36.4 mS		
% Solids	1.8		
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	8:30PM 06/04/17
Receiving ID#	TC0091701
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

CONTAINER INFORMATION		FIELD DATA	
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.)	4.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.01	TDS	2.1 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72 °F		
Conductivity	42.4 mS		
% Solids	2.1		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

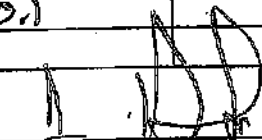
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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12:30 AM 06/05/17
Receiving ID#	506051701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	JH
Sampled by	TE

COPY

LAB INFORMATION		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.)	4.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	2.0 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72 °F		
Conductivity	39.9 mS		
% Solids	2.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

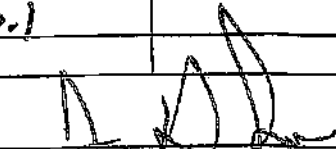
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	2:15pm 06/05/17
Receiving ID#	IO6051702
Manifest#	Line:
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	M.B.

COPY

LAB INFORMATION		Other Parameters	
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.)	4.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.9 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	83°F		
Conductivity	37.0 mS		
% Solids	1.9		
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	9:53 PM 06/05/17
Receiving ID#	I 06051703
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	TE

COPY

LAB INFORMATION		Other Information	
Compatible? (RT#)	Yes <input checked="" 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.)	4.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68 °F		
Conductivity	34.9 mS		
% Solids	1.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

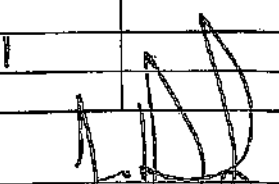
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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	01:30 6/6/17
Receiving ID#	T06061101
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	O.A.

COPY

LAB INFORMATION		Chemical 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.)	4.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	69 °F		
Conductivity	34.7 mS		
% Solids	1.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

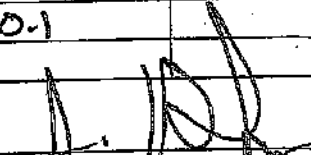
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	0216 6/7/17
Receiving ID#	EGT 06071701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	A.W.

COPY

LAB INFORMATION		Client Data 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.)	0.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.18	TDS	17.0 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70 °F		
Conductivity	> 400.0 mS		
% Solids	17.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

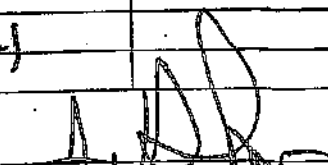
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	0646 6/7/17
Receiving ID#	IL06071702
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.F.
Sampled by	A.M.

COPY

LAB INFORMATION		Oilfield Brine - 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.)	8.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.19	TDS	240 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67 °F		
Conductivity	2400.0 mS		
% Solids	24.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	20.1		
Radiation Screen (as needed)			
Lab Signature			

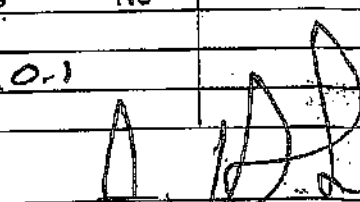
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION		
Date	1400	06/14/17
Receiving ID#	T06141701	
Manifest#	Line:	
Land Ban Cert Included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	AW	

COPY

LAB INFORMATION		ANALYTICAL DATA	
All Waste Shipment		All 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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.06	TDS	6.3 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	73 °F		
Conductivity	124.9 mS		
% Solids	6.3		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

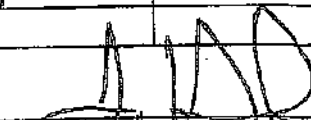
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	12:33pm 06/14/17	
Receiving ID#	E06141702	
Manifest#	Line:	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	MB	

COPY

INFORMATION	ANALYSIS	STANDARD	UNIT
Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(GC 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	1.03	TDS	31.6 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	74 °F		
Conductivity	> 400.0 mS		
% Solids	31.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

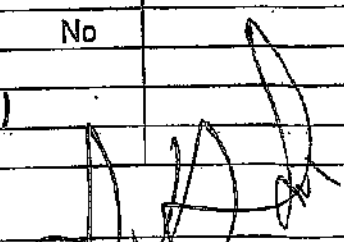
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	2210 06/14/17
Receiving ID#	JL06141705
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	AW

COPY

WASTE 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.)	0.5	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	30.9 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	78 °F		
Conductivity	> 400.0 mS		
% Solids	30.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	40.1		
Radiation Screen (as needed)			
Lab Signature			

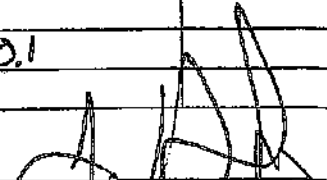
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	5:10 AM 06/15/17
Receiving ID#	J 06151701
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

LAB INFORMATION		One Bin only	
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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	32.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	74 °F		
Conductivity	> 400.0 mS		
% Solids	32.8		
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	7:22 AM 06/15/17
Receiving ID#	EGT09151702
Manifest#	Line:
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	T.K.

COPY

WASTEWATER INFORMATION		OTHER TESTS ONLY	
ALL WASTE STREAMS			
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.)	0.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.12	TDS	32.7 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	74 °F		
Conductivity	> 400.0 mS		
% Solids	32.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

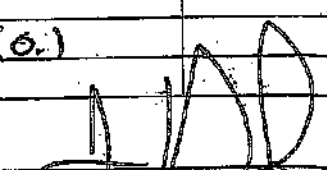
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7:30 pm 06/15/17
Receiving ID#	106151703
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	JH
Sampled by	MB

COPY

TEST INFORMATION		Oil and Grease 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)	> 140	Magnesium	
pH (S.U.)	6.8	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	78 °F		
Conductivity	37.0 mS		
% Solids	1.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

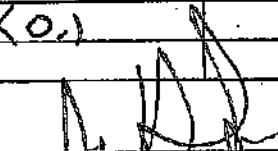
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11:20am 06/16/17
Receiving ID#	TX6141701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	M/B

COPY

WASTE INFORMATION		OILY WASTE 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.)	7.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	73 °F		
Conductivity	36.7 mS		
% Solids	1.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

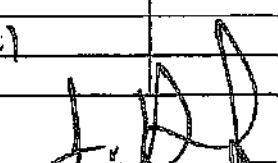
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	8:20 PM 6/18/17
Receiving ID#	LOG18175
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H
Sampled by	A.W

COPY

LAB INFORMATION		ON LAB DATA ONLY	
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.)	6.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	2.0%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	84°F		
Conductivity	39.7 mS		
% Solids	2.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

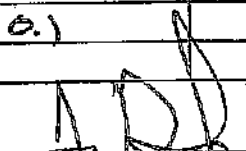
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12:00am 06/14/17
Receiving ID#	106191701
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H
Sampled by	AW

COPY

LAB INFORMATION		Oilfield Properties	
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	1.02	TDS	2.2 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	85 °F		
Conductivity	43.4 mS		
% Solids	2.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

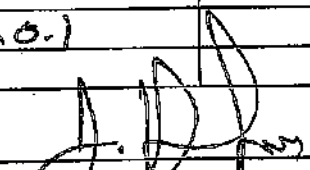
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11:25 am 06/19/17
Receiving ID#	IC619702
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	MB

COPY

LAB INFORMATION		OIL & PILES OIL	
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.)	7.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	2.3 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72 °F		
Conductivity	46.2 mS		
% 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	8:43PM 06/19/17
Receiving ID#	IC061903
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

ANALYSIS INFORMATION		OILFIELD 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.)	7.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.9 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	88°F		
Conductivity	38.6 mS		
% Solids	1.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

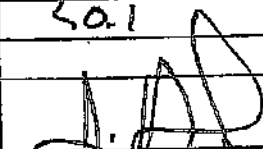
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12:10am 06/20/17
Receiving ID#	106201701
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	G.H.
Sampled by	AW

COPY

LAB INFORMATION		Field Data 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.)	7.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.9 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	90 °F		
Conductivity	37.8 mS		
% Solids	1.9		
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	4:51 pm 06/20/17
Receiving ID#	106201702
Manifest#	Line:
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.T.
Sampled by	MB

COPY

LAB INFORMATION		Oil in Sample	
Always Shipners		Oil in Sample	
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.)	7.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.8 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	76 °F		
Conductivity	36.7 mS		
% Solids	1.8		
Turbidity	Yes No		
Color (visual)			
TSS (%)	0.1		
Radiation Screen (as needed)			
Lab Signature			

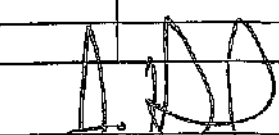
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION		
Date	7:00AM	06/21/17
Receiving ID#	J0621701	
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		Oiled Slugs 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.)	1.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.04	TDS	3.0 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72°F		
Conductivity	60.2mS		
% Solids	3.0		
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	17:45 pm 6/21/17
Receiving ID#	106211202
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		Oilfield Brines Oil	
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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.09	TDS	13.2 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	74 °F		
Conductivity	2629 mS		
% Solids	13.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	40.1		
Radiation Screen (as needed)			
Lab Signature			

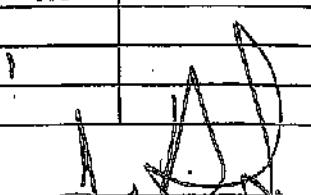
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	7:45 pm 06/21/17
Receiving ID#	I0621153
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	M.B.

COPY

LAB INFORMATION		Oil (Barrel Oil)	
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	1.10	TDS	18.1 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	77 °F		
Conductivity	361.1 mS		
% Solids	18.1		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

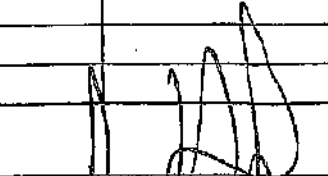
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12:00 06/22/17 06/22/17
Receiving ID#	106221701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	AW

COPY

WASTE INFORMATION		ON-TOB DISPOSITION	
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	1.13	TDS	30.0 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	75 °F		
Conductivity	> 400.0 mS		
% Solids	30.0		
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	8:00am 06/22/17
Receiving ID#	ED072702
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	MB

COPY

LAB INFORMATION		OTHER ITEMS 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.)	5.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.07	TDS	4.4 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	73 °F		
Conductivity	88.0 mS		
% Solids	27.1		
Turbidity	Yes No		
Color (visual)			
TSS (%)	22.7		
Radiation Screen (as needed)			
Lab Signature			

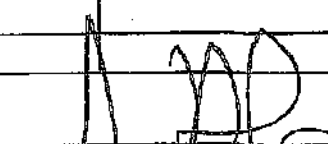
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	8:21 am 06/23/17
Receiving ID#	EOG251701
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	RW

COPY

WASTE CHARACTERISTICS		OIL IN SAMPLE 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.)	7.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	2.0 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	78 °F		
Conductivity	41.0 mS		
% Solids	2.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

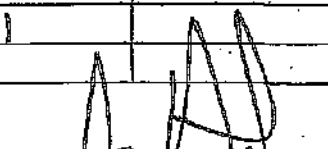
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	8:00 PM 06/23/17
Receiving ID#	106251701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	TE

COPY

LAB INFORMATION		OTHER FINDINGS	
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.)	7.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.03	TDS	2.4 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	74 °F		
Conductivity	48.0 mS		
% Solids	2.4		
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	12:10 AM 06/26/17
Receiving ID#	TC0261701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.T.
Sampled by	TE

COPY

TEST INFORMATION		SPECIAL TESTING	
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	1.02	TDS	2.0 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	77°F		
Conductivity	39.4 mS		
% Solids	2.0		
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	14:01 pm 06/26/17
Receiving ID#	ED6261702
Manifest#	Line:
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	MB

COPY

TEST INFORMATION		ANALYSIS PARAMETERS	
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.)	7.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.9 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	74 °F		
Conductivity	38.5 mS		
% Solids	1.9		
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	12:00 am 06/27/17
Receiving ID#	T06271701
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	AW

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.)	7.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.9 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	77 °F		
Conductivity	38.1 mS		
% Solids	1.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

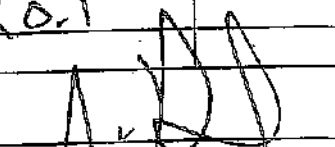
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	4:56 pm 06/27/17
Receiving ID#	TD271702
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.T.
Sampled by	NB

COPY

LAB INFORMATION		Oil Rec Part - Oil	
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.)	7.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.9 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	76 °F		
Conductivity	32.8 mS		
% Solids	1.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

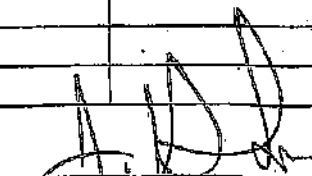
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	4:00am 06/28/17
Receiving ID#	EOG281701
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	AW

COPY

WASTE INFORMATION		ANALYSIS INFORMATION	
All Wastes (ppm)		Oil & Grease Only	
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Wastes Only)?		Calcium	
TOC (ppm)(GC 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	1.14	TDS	34.0 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	72.0 F		
Conductivity	> 400.0 mS		
% Solids	34.0		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

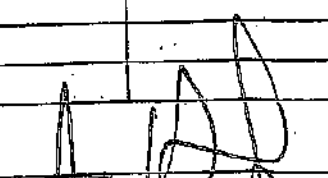
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	8:29 am 06/28/17
Receiving ID#	EGT06281702
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H
Sampled by	MB

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.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.06	TDS	6.1 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	73 °F		
Conductivity	120.7 mS		
% Solids	6.1		
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	8:16 PM 09/28/17
Receiving ID#	J06281703
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

WASTE CHARACTERISTICS		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.)	6.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.7 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	80 °F		
Conductivity	34.1 μS		
% Solids	1.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

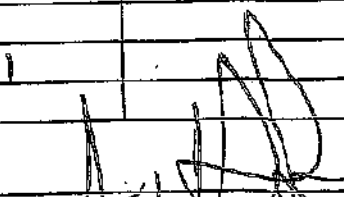
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	5:40 06/28/17
Receiving ID#	T06281704
Manifest#	Line:
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.A.
Sampled by	AW

COPY

LAB INVESTIGATION		OTHER ANALYSIS	
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.)	ca. 8	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.7 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	81 °F		
Conductivity	34.9 mS		
% Solids	1.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	LO.1		
Radiation Screen (as needed)			
Lab Signature			

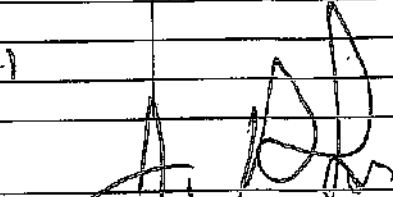
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	8:10 am	06/29/17
Receiving ID#	06291701	
Manifest#	Line:	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	AJ	

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	1.87
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature				24°F
Conductivity				37.6 mS
% Solids				1.8
Turbidity	Yes	No		
Color (visual)				
TSS (%)				<0.1
Radiation Screen (as needed)				
Lab Signature				

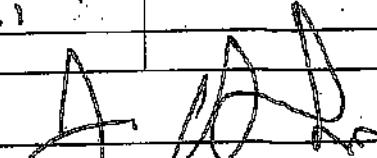
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	12:05 pm 06/29/17	
Receiving ID#	1106291702	
Manifest#	Line:	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	JH.	
Sampled by	MB	

COPY

Water Quality Parameters	Compliance	Supplemental
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.)	6.8	Sodium Chloride
Cyanides? (mg/L)		Bicarbonate
Sulfides? (ppm)		Carbonate
Specific Gravity	1.03	TDS
Physical Description		Resistivity
Stream Consistency	Yes No	Sulfate
Oil in Sample	Yes No	
Temperature	74°F	
Conductivity	32.3 mS	
% Solids	1.9	
Turbidity	Yes No	
Color (visual)		
TSS (%)	< 0.1	
Radiation Screen (as needed)		
Lab Signature		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	1 / 17
Receiving ID#	106301701
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>DAJ</i>
Sampled by	<i>DAJ</i>

COPY

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°F	Magnesium	
pH (S.U.)	6.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.02	TDS	1.3%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	80°F		
Conductivity	24.2 mS		
% Solids	1.3%		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1%		
Radiation Screen (as needed)			
Lab Signature	<i>[Signature]</i>		

**WASTE STREAMS
CHARACTERIZATIONS**

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

28470 Clifton Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002

Generator Waste Profile

Profile # **01129**



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

WASTE INFORMATION

Name of Waste/Common Chemical Name:

Cleaning Solution

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

Cleaning Solution to clean Acid Residuals off parts

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 D009
POSSIBLY

PHYSICAL CHARACTERISTICS OF WASTE

Color: <input checked="" type="checkbox"/> White/Clear <input checked="" type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other <u>Yellow</u>	Suspended Solids <input checked="" 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 checked="" type="checkbox"/> 1.0 - 1.2 <input type="checkbox"/> 0.8 - 1.0 <input type="checkbox"/> 1.3 - 1.4 Exact / Other: _____	<u>acceptable</u> <u>060117</u>
--	---	---	---	------------------------------------

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>Sodium hydroxide</u>	<u>40</u>	<u>1</u>			
<u>Water</u>	<u>98</u>	<u>40</u>			
<u>Solids</u>	<u>20</u>	<u>1</u>			

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

<input type="checkbox"/> Lab Analysis	<input checked="" type="checkbox"/> Generator Knowledge	<input type="checkbox"/> TCLP	<input checked="" type="checkbox"/> TOTAL
---------------------------------------	---	-------------------------------	---

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

POLYESTER

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, UN 3266, Wash Corrosive Liquid, basic, inorganic, NiO.S. (Sodium hydroxide), 8, I Hazard Class 8 UN 3266
- Method of Shipment: Bulk Tanker Vac truck Rail Car Drums Totes
- Number of Units to Ship Now: _____ 6. Anticipated Volume / Units per Year: Varies or One Time
- Special Handling Requirements including PPE: _____

CERTIFICATION STATEMENT

I hereby represent and warrant that I have personally examined and am familiar with the information contained and submitted in this and all attached documents. Based on my inquiry and personal knowledge of those individuals responsible for supplying or obtaining the information, the information contained herein is true, accurate, and complete to the best of my knowledge and belief. Furthermore, no material fact has been omitted as to make this information misleading. I understand that others may rely on this representation and warranty in the handling and processing of the waste material described herein. If this box is checked , I request Environmental Geo-Technologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the results of the sample analysis.

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart sample of the waste described in the above referenced GENERATOR'S 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

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

Relinquished by:	Received by: (Signature)	Date	Time
[Redacted]	[Redacted]	[Redacted]	[Redacted]

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	5/12/17
Wastes	[Redacted]
Land Ban Cert. Included	Yes No
EGT Approval #	[Redacted]
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	Clayton

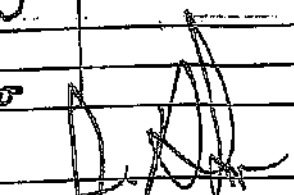
Compatible? (RT#)	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	7.7	Sodium Chloride	
Cyanides? (mg/L)	<30	Bicarbonate	
Sulfides? (ppm)	<200	Carbonate	
Specific Gravity	1.05	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	5406.0 mS		
% Solids	6.0		
Turbidity	Yes <input checked="" type="radio"/> No		
Color (visual)	Brown		
TSS (%)	<0.1		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	7/23/17
Land Ban Cert Included	YES
EGT Approval #	
Transporter	
Time in	
Time out	
Received by	J.A.
Sampled by	C. J. A.

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.)	9.3	Sodium Chloride	
Cyanides? (mg/L)	1.30	Bicarbonate	
Sulfides? (ppm)	12.00	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 type="radio"/> No <input checked="" type="radio"/>		
Temperature	72°F		
Conductivity	233.9 mS		
% Solids	11.3		
Turbidity	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Color (visual)	Brown		
TSS (%)	8.5		
Radiation Screen (as needed)	Negative		
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date: 5/11/82

Material: [Redacted]

Quantity: [Redacted]

Client: [Redacted]

Transporter: [Redacted]

Time In: [Redacted]

Time Out: [Redacted]

Received by: J.H.

Sampled by: [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.)	9.0	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		
Temperature	70°P		
Conductivity	71.0 mS		
% Solids	5.6		
Turbidity	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Color (visual)	Yellow		
TSS (%)	0.5		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	
[REDACTED]	
Land Ban Cert Included	Yes No
E&T Approval #	[REDACTED]
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	Clare

Compatible? (RT#)	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCEs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	9.2	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 type="radio"/> No <input checked="" type="radio"/>		
Temperature	70°F		
Conductivity	39.0 mS		
% Solids	4.2		
Turbidity	Yes <input type="radio"/> No <input checked="" type="radio"/>		
Color (Visual)	Colorless		
TSS (%)	0.1		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date: [REDACTED] 17

Quantity: [REDACTED]

Material: [REDACTED]

Received by: [REDACTED]

Sampled by: [REDACTED]

Client:	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	C. [REDACTED]

Parameter	Yes	No	Parameter
Compatible? (RT#)	<input checked="" type="radio"/>	<input type="radio"/>	Barium
PCEs (ppm)(Oily Waste Only)?	N/A		Calcium
TOC (ppm)(CC Waste Only)?	N/A		Total Iron
Flash Point (°F)	>140		Magnesium
pH (S.U.)	8.9		Sodium Chloride
Cyanides? (mg/L)	<30		Bicarbonate
Sulfides? (ppm)	<200		Carbonate
Specific Gravity	1.05		TDS
Physical Description	Liquid		Resistivity
Stream Consistency	<input checked="" type="radio"/>	<input type="radio"/>	Sulfate
Oil in Sample	Yes	<input checked="" type="radio"/>	
Temperature	70°F		
Conductivity	277.1 mS		
% Solids	5.6		
Turbidity	<input checked="" type="radio"/>	<input type="radio"/>	
Color (visual)	Brown		
TSS (%)	4.0		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

FINGERPRINT FORM

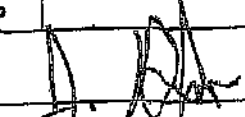
ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date: 5/17/2017

Manifest/Container included: Yes No

Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Chapman

Compatible? (RT#)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.)	9.0	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="checkbox"/> Yes <input type="checkbox"/> No	Sulfate	
Oil in Sample	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Temperature	70°F		
Conductivity	332.6 mS		
% Solids	4.9		
Turbidity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Color (visual)	Brown		
TSS (%)	0.3		
Radiation Screen (as needed)	Negative		
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM



Manifest # _____
 Land Bank Card Included? Yes No

Client _____
 Transporter _____
 Time In _____
 Time out _____
 Received by J.H.
 Sampled by Clara

Compatible? (RT#)	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium
PCBs (ppm)(Oily Waste Only)?	<u>N/A</u>	Calcium
TOC (ppm)(CC Waste Only)?	<u>N/A</u>	Total Iron
Flash Point.(°F)	<u>>140</u>	Magnesium
pH (S.U.)	<u>8.3</u>	Sodium Chloride
Cyanides? (mg/L)	<u><30</u>	Bicarbonate
Sulfides? (ppm)	<u><200</u>	Carbonate
Specific Gravity	<u>1.05</u>	TDS
Physical Description	<u>liquid</u>	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	<u>70°F</u>	
Conductivity	<u>229.1 mS</u>	
% Solids	<u>0.0</u>	
Turbidity	<input checked="" type="radio"/> Yes <input type="radio"/> No	
Color (visual)	<u>Brown</u>	
TSS (%)	<u>2.0</u>	
Radiation Screen (as needed)	<u>Negative</u>	
Lab Signature		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	8-12-17
Material	[REDACTED]
Land Ban Cert Included	Yes No
ECRA	[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.)	13.2	Sodium Chloride
Cyanides? (mg/L)	<30	Bicarbonate
Sulfides? (ppm)	<200	Carbonate
Specific Gravity	1.00	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	70°F	
Conductivity	305.5 mS	
% Solids	35.3	
Turbidity	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Color (visual)	Brown	
TSS (%)	<0.1	
Radiation Screen (as needed)	Negative	
Lab Signature	[Signature]	

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	5/12/17
Land Ban Cont Included	Yes No
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	Clay

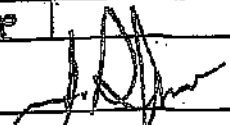
TEST FOR	RESULTS	PARAMETER
Compatible? (RT#)	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium
TOC (ppm)(CC Waste Only)?	N/A	Total Iron
Flash Point (°F)	>140	Magnesium
pH (S.U.)	12.7	Sodium Chloride
Cyanides? (mg/L)	<30	Bicarbonate
Sulfides? (ppm)	<200	Carbonate
Specific Gravity	1.01	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	1497 mS	
% Solids	2.4	
Turbidity	Yes <input checked="" type="radio"/> No	
Color (visual)	Colorless	
TSS (%)	Lo.1	
Radiation Screen (as needed)	Negative	
Lab Signature		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	5/12/17
Member Line	[REDACTED]
Land Ban Cert. Included	Yes No
EQT Approval #	[REDACTED]
Client	[REDACTED]
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	Clare

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.)	8.8	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 type="radio"/> No <input checked="" type="radio"/>	
Temperature	70°F	
Conductivity	320.7 mS	
% Solids	4.5	
Turbidity	Yes <input type="radio"/> No <input checked="" type="radio"/>	
Color (visual)	Colorless	
TSS (%)	<0.1	
Radiation Screen (as needed)	Negative	
Lab Signature		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	5-21-17
Manifest#	[Redacted]
Land Ban Cert Included	Yes No
FGT	[Redacted]
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Clayton

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.)	8.8	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		
Temperature	70°F		
Conductivity	299.6 mS		
% Solids	5.7		
Turbidity	Yes <input checked="" type="radio"/> No		
Color (visual)	Colorless		
TSS (%)	50.1		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	5/12/17
[REDACTED]	
Land Ban Cert Included	Yes No
[REDACTED]	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Client

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.)	9.0	Sodium Chloride	
Cyanides? (mg/L)	<30	Bicarbonate	
Sulfides? (ppm)	<250	Carbonate	
Specific Gravity	1.05	TDS	
Physical Description	liquid	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil in Sample	Yes (No)		
Temperature	70°F		
Conductivity	400.0 mS		
% Solids	4.9		
Turbidity	(Yes) No		
Color (visual)	Brown		
TSS (%)	0.2		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

RECEIVING & APPROVAL FORM	
Date:	5/11/87
[Redacted]	
Manifest #	1115
Land Ban Cert Included	Yes No
[Redacted]	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	Client

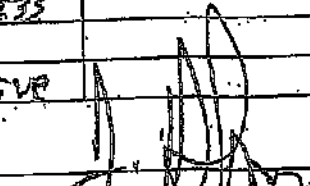
Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	9.0	Sodium Chloride	
Cyanides? (mg/L)	<30	Bicarbonate	
Sulfides? (ppm)	<200	Carbonate	
Specific Gravity	1.03	TDS	
Physical Description	1.0 qt	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil In Sample	Yes (No)		
Temperature	70°F		
Conductivity	258.7 mS		
% Solids	5.8		
Turbidity	Yes (No)		
Color (visual)	Colorless		
TSS (%)	<0.1		
Radiation Screen (as needed)	Negative		
Lab Signature	[Signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	5/12/17
Land Ban Cert Included	Yes
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Client

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.)	7.6	Sodium Chloride
Cyanides? (mg/L)	<30	Bicarbonate
Sulfides? (ppm)	<200	Carbonate
Specific Gravity	1.20	TDS
Physical Description	liquor	Reactivity
Stream Consistency	(Yes) No	Sulfate
Oil In Sample	Yes (No)	
Temperature	70°F	
Conductivity	260.3 mS	
% Solids	36.6	
Turbidity	Yes (No)	
Color (visual)	Colorless	
TSS (%)	<0.1	
Radiation Screen (as needed)	Negative	
Lab Signature		

B. WASTE DESCRIPTION: Waste/Waters

0161

PROCESS GENERATING WASTE: Waste Water from frozen waste materials/solids from food bins etc. (Food bin organics)

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? No

D. PHYSICAL PROPERTIES (of 250 of TTF)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOCRYSTALLINE SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS <input checked="" type="checkbox"/> 1 2 3 TOP 0.00 % BY VOLUME (Approx) MIDDLE 0.00 BOTTOM 0.00			Viscosity (if liquid present) <input checked="" type="checkbox"/> 1-100 (e.g. Water) 101-500 (e.g. Motor Oil) 501-10,000 (e.g. Molasses) > 10,000	COLOR Blackish
	QDCR: <input checked="" type="checkbox"/> NONE <input checked="" type="checkbox"/> MILD STRONG Describe: [REDACTED]	BOILING POINT °F (°C) ≤ 95 (≤ 35) 95-100 (35-38) 101-120 (38-54)		MELTING POINT °F (°C) ≤ 140 (≤ 60) 140-200 (60-93) > 200 (> 93)	TOTAL ORGANIC CARBON ≤ 1% <input checked="" type="checkbox"/> 1-9% > 10%

FLASH POINT °F (°C) ≤ 73 (≤ 23) 74-100 (24-38) 101-140 (38-60) 141-200 (60-93)	#H ≤ 2 2-6 7 (Neutral) ≥ 12.5	SPECIFIC GRAVITY ≤ 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) 1.0-1.2 (e.g. Acetone) ≥ 1.2 (e.g. Methylene Chloride)	[REDACTED] ≤ 0.1 0.1-1.0 1-5.0 5.1-20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> ≤ 2,000 (≤ 4.6) 2,000-5,000 (4.6-11.0) 5,000-10,000 (11.0-23.2) ≥ 10,000 (> 23.2) Actual:
--	---	--	---	---

D. COMPOSITION (List the complete composition of the waste, including any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please specify MSDS. Blank do not use this column.)

CHEMICAL [REDACTED]	MIN - 0.000000	MAX UCM - [REDACTED]
ORGANIC SOLIDS [REDACTED]	0.000000	[REDACTED]
WATER	100.000000	100.000000 %

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX. METAL PLATE OR PIPING > 1/4" THICK OR > 12" LONG, METAL REINFORCED HOSE > 1/2" LONG, METAL WIRE > 1/2" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE > 6") YES NO

(If yes, describe, including dimensions) YES NO

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING: ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies.

This waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

Accepted
060617

E. CONSTITUENTS

Are these values based on testing or knowledge?

Knowledge Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NO APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0				
D006	CADMIUM	1.0				
D007	CHROMIUM	5.0				
D008	LEAD	5.0				
D009	MERCURY	0.2				
D010	SELENIUM	1.0				
D011	SILVER	5.0				

VOLATILE COMPOUNDS			OTHER CONSTITUENTS		
				MAX	UOM
D018	BENZENE	0.5			
D019	CARBON TETRACHLORIDE	0.5	BROMINE		
D021	CHLOROBENZENE	100.0	CHLORINE		
D022	CHLOROFORM	8.0	FLUORINE		
D026	1,2-DICHLOROETHANE	0.5	IODINE		
D029	1,1-DICHLOROETHYLENE	0.7	SULFUR		
D035	METHYLETHYL KETONE	200.0	POTASSIUM		
D039	TETRACHLOROETHYLENE	0.7	SODIUM		
D040	TRICHLOROETHYLENE	0.5	AMMONIA	1000.0000	PPM
D043	VINYL CHLORIDE	0.2	CYANIDE AMENABLE		

SEMI-VOLATILE COMPOUNDS			OTHER CONSTITUENTS		
				MAX	UOM
D023	o-CRESOL	200.0	CYANIDE REACTIVE		
D024	m-CRESOL	200.0	CYANIDE TOTAL		
D025	p-CRESOL	200.0	SULFIDE REACTIVE		
D026	CRESOL (TOTAL)	200.0			
D027	1,4-DICHLOROBENZENE	7.6			
D030	2,4-DINITROTOLUENE	0.13			
D032	HEXACHLOROBENZENE	0.13			
D033	HEXACHLOROBUTADIENE	0.5			
D034	HEXACHLOROETHANE	3.0			
D036	NITROBENZENE	2.0			
D037	PENTACHLOROPHENOL	100.0			
D038	PYRIDINE	5.0			
D041	2,4,6-TRICHLOROPHENOL	400.0			
D042	2,4,6-TRICHLOROPHENOL	2.0			

PESTICIDES AND HERBICIDES			HOCS			PCBS		
				MAX	UOM		MAX	UOM
D012	ENDRIN	0.02	<input checked="" type="checkbox"/> NONE			<input checked="" type="checkbox"/> NONE		
D013	LINDANE	0.4	< 1000 PPM			< 50 PPM		
D014	METHOXYCHLOR	10.0	>= 1000 PPM			>= 50 PPM		
D015	TOXAPHENE	0.5						
D016	2,4-D	10.0						
D017	2,4,5-TP (SILVEX)	1.0						
D020	CHLORDANE	0.03						
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008						

ADDITIONAL HAZARDS		
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?		
YES	<input checked="" type="checkbox"/>	NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCES	EXPLOSIVE	FUMING	OSHA REGULATED CARCINOGENS
POLYMERIZABLE	RADIOACTIVE	REACTIVE MATERIAL	<input checked="" type="checkbox"/> NONE OF THE ABOVE

NOT APPLICABLE

F. REGULATORY STATUS

- YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
- YES NO IS THIS A UNIVERSAL WASTE?
- YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?
- YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A ROR EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (c)(2)(ii))?
- YES NO DOES TREATMENT OF THIS WASTE GENERATE A FOOS OR FOIS LIQUID?
- YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(G)?
- YES NO DOES THIS WASTE CONTAIN VOCS IN CONCENTRATIONS \geq 500 PPM?
- YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE \geq 0.2 KPA (0.44 PSIA)?
- YES NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE \geq 77 KPA (11.2 PSIA)?
- YES NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE?
- YES NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?
 - Hazardous Organic NESHAP (HON) rule (subpart G)
 - Pharmaceuticals production (subpart GGG)

Texas Waste Code

DOES THIS WASTE STREAM CONTAIN A HAZARDOUS WASTE?

LDR CATEGORY: Not subject to LDR
VARIANCE INFO:

YES NO DOES THE WASTE STREAM COME FROM A FACILITY WITH ONE OF THE SIC CODES LISTED UNDER BENZENE NESHAP OR IS THE WASTE REGULATED UNDER THE BENZENE NESHAP RULE BECAUSE THE ORIGINAL SOURCE OF THE WASTE IS FROM A CHEMICAL MANUFACTURING, COKE-BY-PRODUCT RECOVERY, OR PETROLEUM REFINERY PROCESS?

YES NO IS THE GENERATING SOURCE OF THIS WASTE STREAM A FACILITY WITH TOTAL ANNUAL BENZENE (TAB) \geq 10 Mg/year?
What is the TAB quantity for your facility? _____ Measurement year (1988 = 2200 lbs)

The basis for the determination is Knowledge of the Waste Or Test Data (Knowledge Testing)
Describe the Knowledge: _____

G. DOT/IDG INFORMATION

DOT/IDG PROPER SHIPPING NAME
HAZARDOUS WASTE

H. TRANSPORTATION REQUIREMENTS
ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER As Needed

CONTAINERIZED		BULK SOLID	
CONTAINERS/SHIPMENT	SHIPMENT UOM	TON	YARD
STORAGE CAPACITY	SHIPMENT UOM: _____		
CONTAINER TYPE	TONS/YARDS/SHIPMENT: <u>0 Min - 0 Max</u>		
PORTABLE TOTE TRC			
BOX CAR OR CASE			
DRUM			
DRUM SIZE			

I. SPECIAL REQUEST
COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	6/15/17
Receiving ID#	Compass Leach
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	



Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	C. [unclear]

Compatible? (RT#)	<input checked="" type="checkbox"/> 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.)	5.0	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.06	TDS	
Physical Description	liquid	Resistivity	
Stream Consistency	<input checked="" type="checkbox"/> Yes No	Sulfate	
Oil in Sample	Yes <input checked="" type="checkbox"/> (ND)		
Temperature	73		
Conductivity	39.1ms		
% Solids	10.0		
Turbidity	<input checked="" type="checkbox"/> Yes No		
Color (visual)	Brown		
TSS (%)	40.1		
Radiation Screen (as needed)	Negative		
Lab Signature			



01162

Date Received: 15-MAY-17
Report Date: 23-MAY-17 14:36 (MT)
Version: FINAL

Client Phone: 519-649-4446

Certificate of Analysis

Lab Work Order #: L1926168
Project P.O. #: NOT SUBMITTED
Job Reference: LEACHATE
C of C Numbers: LON-160902
Legal Site Desc:

P. Schatz

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ADDRESS: 309 Exeter Road Unit #20, London, ON N6L 1C1 Canada | Phone: +1 619 652 6044 | Fax: +1 619 652 0671
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ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	Parameter	Unit	Result	Method	Unit	Reference	Qualifier
L1928168-4	LEACHATE						
Physical Tests							
	% Moisture		88.1	0.10	%	18-MAY-17	17-MAY-17 R3726688
	pH		4.85	0.10	pH units		18-MAY-17 R3727545
Anions and Nutrients							
	Ammonia, Total (as N)	DLHC	3180	200	mg/L		23-MAY-17 R3728416
	Total Kjeldahl Nitrogen	DLHC	6020	150	mg/L	18-MAY-17	18-MAY-17 R3727626
	Phosphorus, Total	DLHC	531	3.0	mg/L	18-MAY-17	18-MAY-17 R3727021
Bacteriological Tests							
	E. Coli		<10	10	CFU/g dwt	18-MAY-17	17-MAY-17 R3726646
Total Metals							
	Aluminum (Al)-Total		25.2	2.0	mg/L	18-MAY-17	18-MAY-17 R3727061
	Antimony (Sb)-Total		<0.020	0.020	mg/L	18-MAY-17	18-MAY-17 R3727061
	Arsenic (As)-Total		0.297	0.020	mg/L	18-MAY-17	18-MAY-17 R3727081
	Barium (Ba)-Total		0.291	0.040	mg/L	18-MAY-17	18-MAY-17 R3727081
	Beryllium (Be)-Total		<0.020	0.020	mg/L	18-MAY-17	18-MAY-17 R3727061
	Bismuth (Bi)-Total		<0.010	0.010	mg/L	18-MAY-17	18-MAY-17 R3727081
	Boron (B)-Total		2.8	2.0	mg/L	18-MAY-17	18-MAY-17 R3727081
	Cadmium (Cd)-Total		0.0047	0.0020	mg/L	18-MAY-17	18-MAY-17 R3727081
	Calcium (Ca)-Total		5610	100	mg/L	18-MAY-17	18-MAY-17 R3727081
	Chromium (Cr)-Total		0.37	0.10	mg/L	18-MAY-17	18-MAY-17 R3727081
	Cobalt (Co)-Total		0.12	0.10	mg/L	18-MAY-17	18-MAY-17 R3727081
	Copper (Cu)-Total		0.44	0.20	mg/L	18-MAY-17	18-MAY-17 R3727081
	Iron (Fe)-Total		144	10	mg/L	18-MAY-17	18-MAY-17 R3727081
	Lead (Pb)-Total		0.074	0.020	mg/L	18-MAY-17	18-MAY-17 R3727081
	Lithium (Li)-Total		<0.20	0.20	mg/L	18-MAY-17	18-MAY-17 R3727081
	Magnesium (Mg)-Total		638	10	mg/L	18-MAY-17	18-MAY-17 R3727081
	Manganese (Mn)-Total		13.3	0.10	mg/L	18-MAY-17	18-MAY-17 R3727081
	Mercury (Hg)-Total		<0.0010	0.0010	mg/L	18-MAY-17	18-MAY-17 R3726574
	Molybdenum (Mo)-Total		0.165	0.010	mg/L	18-MAY-17	18-MAY-17 R3727081
	Nickel (Ni)-Total		0.60	0.10	mg/L	18-MAY-17	18-MAY-17 R3727081
	Phosphorus (P)-Total		471	10	mg/L	18-MAY-17	18-MAY-17 R3727081
	Potassium (K)-Total		2790	10	mg/L	18-MAY-17	18-MAY-17 R3727061
	Selenium (Se)-Total		0.017	0.010	mg/L	18-MAY-17	18-MAY-17 R3727081
	Silver (Ag)-Total		<0.010	0.010	mg/L	18-MAY-17	18-MAY-17 R3727081
	Sodium (Na)-Total		3440	10	mg/L	18-MAY-17	18-MAY-17 R3727061
	Strontium (Sr)-Total		7.47	0.020	mg/L	18-MAY-17	18-MAY-17 R3727061
	Sulfur (S)-Total		530	100	mg/L	18-MAY-17	18-MAY-17 R3727081
	Thallium (Tl)-Total		<0.0020	0.0020	mg/L	18-MAY-17	18-MAY-17 R3727061
	Tin (Sn)-Total		0.038	0.020	mg/L	18-MAY-17	18-MAY-17 R3727061
	Titanium (Ti)-Total		0.822	0.060	mg/L	18-MAY-17	18-MAY-17 R3727061
	Uranium (U)-Total		<0.0020	0.0020	mg/L	18-MAY-17	18-MAY-17 R3727061
	Vanadium (V)-Total		<0.10	0.10	mg/L	18-MAY-17	18-MAY-17 R3727061
	Zinc (Zn)-Total		15.1	0.60	mg/L	18-MAY-17	18-MAY-17 R3727061

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample ID	Result	Qualifier	DLHC	Unit	Date	Ref
Volatile Organic Compounds						
Toluene	<0.0050	DLHC	0.0050	mg/L	18-MAY-17	R3726659
1,1,1-Trichloroethane	<0.0050	DLHC	0.0050	mg/L	18-MAY-17	R3726659
1,1,2-Trichloroethane	<0.0050	DLHC	0.0050	mg/L	18-MAY-17	R3726659
Trichloroethylene	<0.0050	DLHC	0.0050	mg/L	18-MAY-17	R3726659
Trichlorofluoromethane	<0.010	DLHC	0.010	mg/L	18-MAY-17	R3726659
Vinyl chloride	<0.0050	DLHC	0.0050	mg/L	18-MAY-17	R3726659
o-Xylene	<0.0050	DLHC	0.0050	mg/L	18-MAY-17	R3726659
m+p-Xylenes	<0.010	DLHC	0.010	mg/L	18-MAY-17	R3726659
Xylenes (Total)	<0.011		0.011	mg/L	18-MAY-17	R3726659
Surrogate: 4-Bromofluorobenzene	97.7		70-130	%	18-MAY-17	R3726659
Surrogate: 1,4-Difluorobenzene	104.6		70-130	%	18-MAY-17	R3726659
Trihalomethanes						
Total THMs	<0.020		0.020	mg/L	18-MAY-17	

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
DLHC	Detection Limit Raised: Dilution required due to high concentration of test analyte(s).
DLQ	Detection Limit raised due to co-eluting interference. GCMS qualifier for ratio did not meet acceptance criteria.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BOD-WT	Water	BOD	APHA 5210 B This analysis is carried out using procedures adapted from APHA Method 5210B - "Biochemical Oxygen Demand (BOD)". All forms of biochemical oxygen demand (BOD) are determined by diluting and incubating a sample for a specified time period, and measuring the oxygen depletion using a dissolved oxygen meter. Dissolved BOD (SOLUBLE) is determined by filtering the sample through a glass fibre filter prior to dilution. Carbonaceous BOD (CBOD) is determined by adding a nitrification inhibitor to the diluted sample prior to incubation.
COD-T-WT	Water	Chemical Oxygen Demand	APHA 5220 D This analysis is carried out using procedures adapted from APHA Method 5220 "Chemical Oxygen Demand (COD)". Chemical oxygen demand is determined using the closed reflux colourimetric method.
EC-SOLID-MF-WT	Soil	E. coli on sludge or solid	SM 9222D A 1g biosolid sample is transferred into buffered dilution water blank. The sample is manually shaken and an aliquot of the sample is then filtered through the membrane filter. The filter is then placed on mFC-BCIG agar and incubated at 44.5 - 0.2 °C for 24 - 2 hours. Method ID: WT-TM-1200. Results are reported on a dry weight basis. Moisture is required.
HG-T-SLUDGE-CVAA-WT	Water	Total Mercury in Sludge by CVAAS	SW846 7470A Liquid sample is digested with a heated, strong, mixed acid solution to convert all forms of mercury to divalent mercury. The divalent mercury is then reduced to elemental mercury, sparged from solution and analyzed by CVAAS.
MET-T-SLUDGE-CCMS-WT	Water	Metals in Sludge by CRC ICPMS	EPA 200.2/6020A (mod) Sludge samples are digested with nitric and hydrochloric acids, followed by analysis by CRC ICPMS. Method Limitation: This method is not a total digestion technique. It is a very strong acid digestion that is intended to dissolve those metals that may be environmentally available. This method does not dissolve all silicate materials and may result in a partial extraction, depending on the sample matrix, for some metals, including, but not limited to Al, Ba, Be, Cr, Sr, Ti, Tl, and V.
MOISTURE-WT	Soil	% Moisture	Gravimetric: Oven Dried
NH3-WT	Water	Ammonia, Total as N	EPA 350.1 Sample is measured colorimetrically. When sample is turbid a distillation step is required, sample is distilled into a solution of boric acid and measured colorimetrically.
P-T-COL-WT	Water	Total P in Water by Colour	APHA 4500-P PHOSPHORUS This analysis is carried out using procedures adapted from APHA Method 4500-P "Phosphorus". Total Phosphorus is determined colorimetrically after persulphate digestion of the sample.
PH-WT	Water	pH	APHA 4500 H-Electrode Water samples are analyzed directly by a calibrated pH meter. Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011). Holdtime for samples under this regulation is 28 days
THM-SUM-PPB-CALC-WT	Water	Total Trihalomethanes (THMs)	CALCULATION Total Trihalomethanes (THMs) represents the sum of bromodichloromethane, bromoform, chlorodibromomethane and chloroform. For the purpose of calculation, results less than the detection limit (DL) are treated as zero.
TKN-WT	Water	Total Kjeldahl Nitrogen	APHA 4500-N Sample is digested to convert the TKN to ammonium sulphate. The ammonia ions are heated to produce a colour complex. The absorbance measured by the instrument is proportional to the concentration of ammonium sulphate in the sample and is reported as TKN.
VOC-ROU-HS-WT	Water	Volatile Organic Compounds	SW846 8260 Aqueous samples are analyzed by headspace-GC/MS.
XYLENES-SUM-CALC-WT	Water	Sum of Xylene Isomer Concentrations	CALCULATION Total xylenes represents the sum of o-xylene and m&p-xylene.

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Reference Information

LON-160902

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample

mg/kg ww - milligrams per kilogram based on wet weight of sample

mg/kg tw - milligrams per kilogram based on total weight of sample

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.



Chain of Custody (COC) / Analytical Request Form



COC Number LON-180902

Page 1 of 1

Toll Free: 1 800 968 8878

L1828188-COCF

Report Format / Distribution

Select Report Format: PDF EXCEL WORD (DOC/RTF)
Quality Control (QC) Report with Report: YES NO
Change Results to Client on Report - provide details below if box checked
Special Circumstances: EMAIL FAX OTHER

Delivery to Lab or Other - Please confirm if BAP TATs will apply - see page 2 of reply
Regular (R) Standard TAT (if needed by 2 pm - business days - no weekends apply)
4 day (P4)
5 day (P5)
2 day (P2)
1 Business Day (B1)
Same Day, Weekend or Statutory Holiday (SD)

Let us know Time Required for all BAP TATs
This time will be provided according to the service level that you will be utilizing.

Analyte Request

In Ready (R), Preserved (P) or Filtered and Preserved (FP) below

Table with columns for Analyte, Method, and Status. Includes a vertical column for 'Number of Containers'.

Company: [Redacted]
Contact: [Redacted]
Project Information: [Redacted]
ALS Account # / Quote #: 18872/054636
Job #: LEACHATE
PO / AFE:
LSDs:

ALS Lab Work Order # (lab use only): L192668
ALS Contact: Peter Stastny
Samples:

Table with columns: ALS Sample # (lab use only), Sample Identification and/or Coordinates (This description will appear on the report), Date (dd-mm-yy), Time (hh:mm), Sample Type. Row 1: LEACHATE, 15-Nov-17, 12:30, Grab.

Drinking Water (DW) Samples* (client use)
Special Instructions / Specify criteria to add on report by clicking on the drop-down list below (to clients: COC only)
Are samples taken from a Regulated DW system? YES NO
Are samples for tap or drinking water use?

SAMPLE CONDITION AS RECEIVED (lab use only)
Filter:
SIF Observations: Yes No
Ice Packs: Ice Cubes: Custody equivalent: Yes No
Cooling initiated:
MINIMAL COOLER TEMPERATURES °C:
MAX COOLER TEMPERATURES °C: 12

