January 29, 2016

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

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

Dear Mr. Batka:

Environmental Geo-Technologies, LLC ("EGT") hereby timely submits its twenty-sixth 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.

Because yesterday (01.28.16) we were able to discern that the computer contractor might not be able to get here to EGT to rectify an issue with the computer system that produces the tabulated spreadsheet of injection and wellhead parameters, John Frost & I called you @ 1:23 pm and left you a voicemail requesting a "few days extension" to provide this one portion of EGT's December, 2015 Monthly Report once the contractor has rectified the issue.

EGT also hereby timely submits its ninth Injection Fluid Analyses (for December, 2015) identified on both Pages A-3 of 3 also in conformance with EGT's two EPA UIC permits with the attached "Data Summary Sheet" from a contract laboratory, Ann Arbor Technical Services, Inc., and, those results demonstrate compliance with all of the limits for each of the chemical entities ("Names") identified on Page A-3 of 3 for F039 waste which EGT accepted in November.

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.

P 734-946-1000 F 734-946-1002 - 28470 Citrin Drive. Romulus, Michigan 48174
www.envgeotech.com

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

Sincerely,

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

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

att.

rjp012918/EGT EPA Monthly Report-December 2015

AVERAGE INJECTION RATE

Calculation of Average Injection Rate

CURRENT REPORTING YEAR 2015

CURRENT REPORTING MONTH December

Date (month, year) of the first injection into either well at the Citrin Road Facility Nov 2013

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
MI-163-1W-C010, Well #1-12			
Current Month	393,918	0	393,918
Since facility first injected			4,158,348
MI-163-1W-C011, Well #2-12			
Current Month	77,527	0	77,527
Since facility first injected			1,951,204
		Lifetime Combined	6,109,552

Conversion factors
365.25 days per year ÷ 12 months per year = 30.4375 days per month
30.4375 days per month × 1440 minutes per day = 43,830 minutes per month

Calculations
Whole number of months of injection 26

26 lifetime number of months of injection × 43,830 minutes/month
= 1,139,580 minutes of injection

Lifetime combined injected volume 6,109,552 ÷ 1,139,580 minutes of injection
= 5.4 gpm average injection rate

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

Channel #2

Red Pen – Well 1 Annulus Pressure

Channel #3

Green Pen – Well 1 Flow Rate

Channel #4

Black Pen – Well 1 Annulus Tank Level

Chart Recorder #2

Channel #1

Blue Pen – Well 2 Injection Pressure

Channel #2

Red Pen – Well 2 Annulus Pressure

Channel #3

Green Pen – Well 2 Flow Rate

Channel #4

Black Pen – Well 2 Annulus Tank Level

Chart Recorder #3

Channel #1

Blue Pen – Injection pH Well 1 & 2

Channel #2

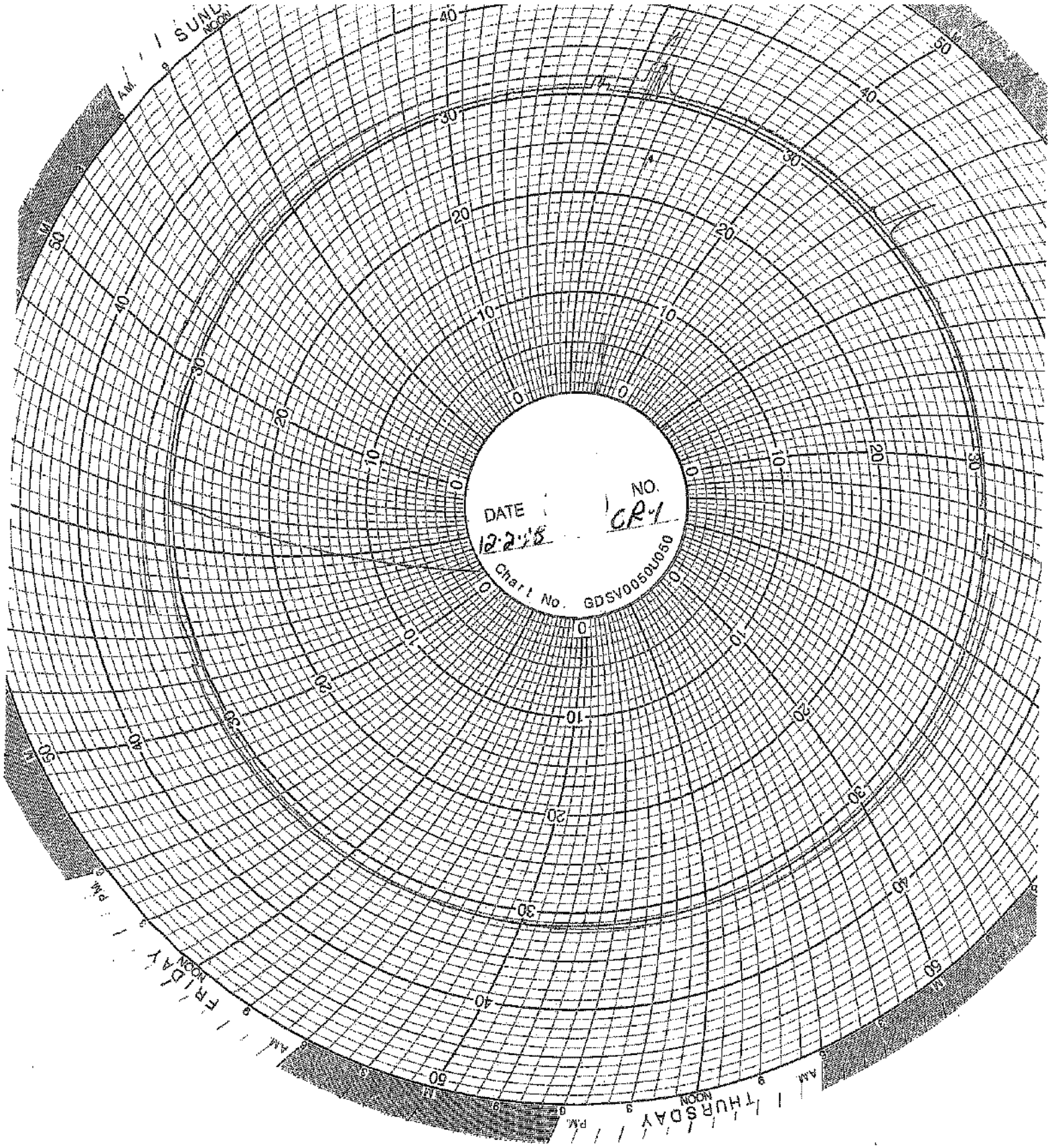
Red Pen – Well 1 Monthly Volume

Channel #3

Green Pen – Well 2 Monthly Volume

Channel #4

Black Pen - Temperature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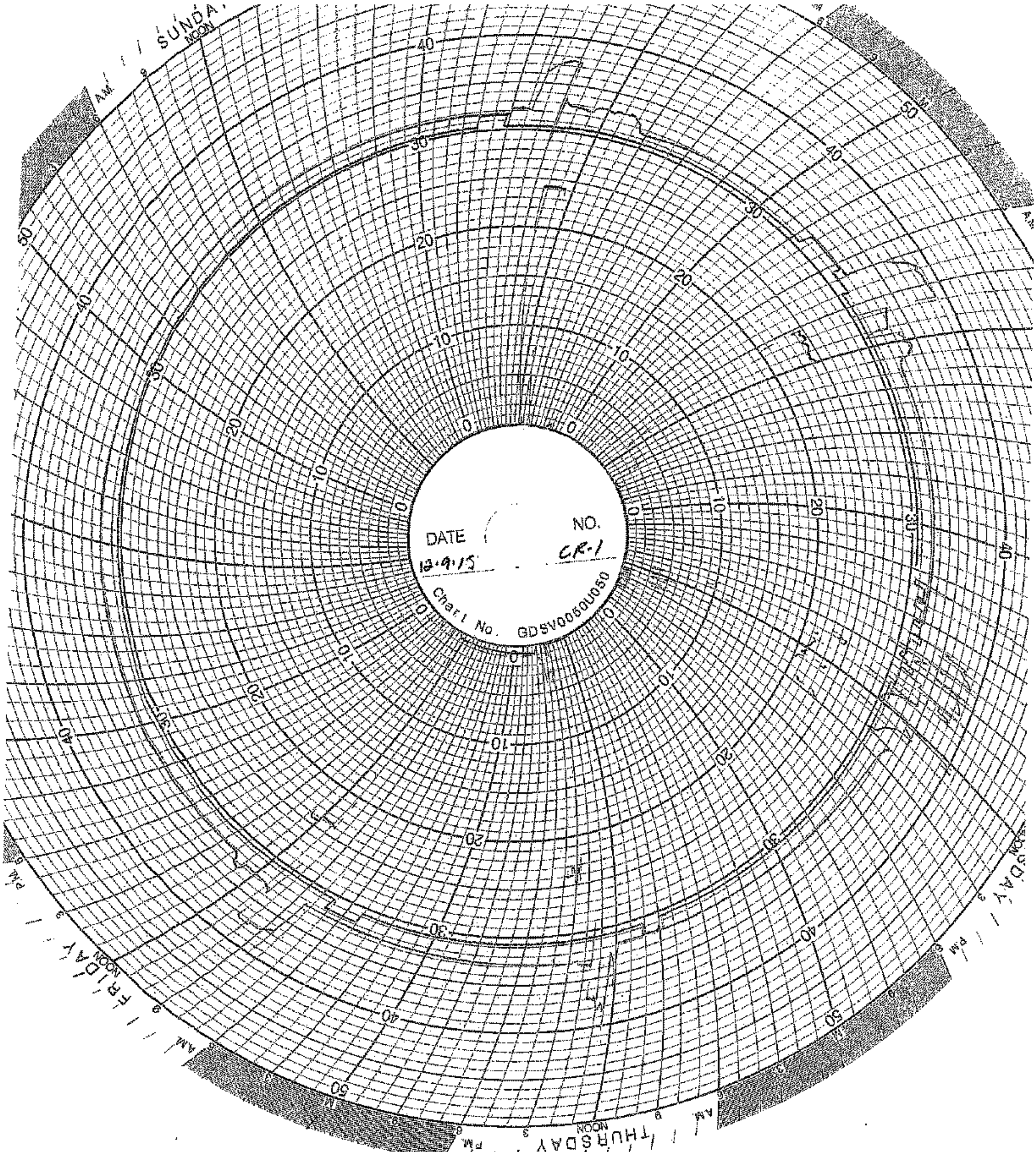
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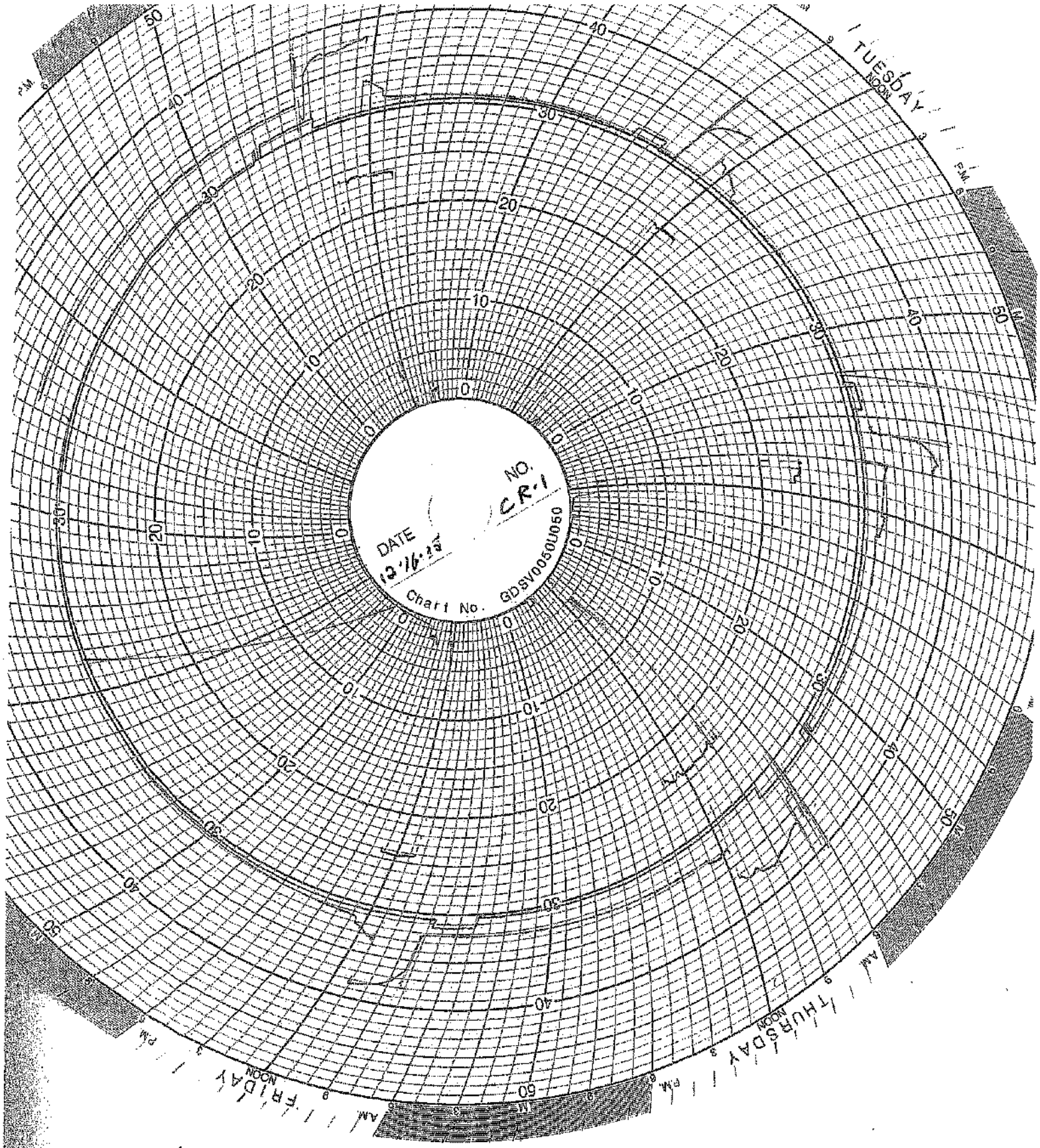
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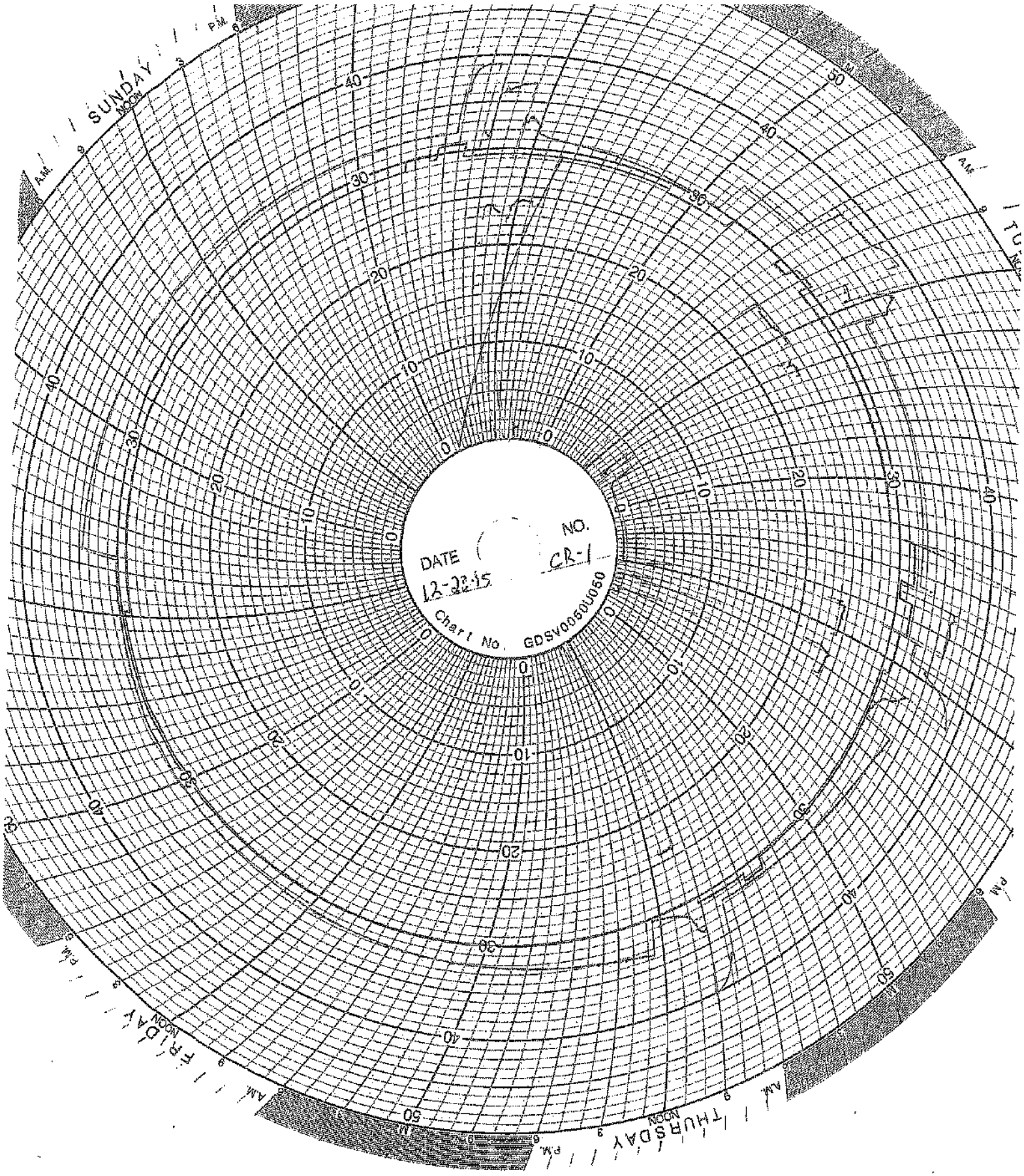
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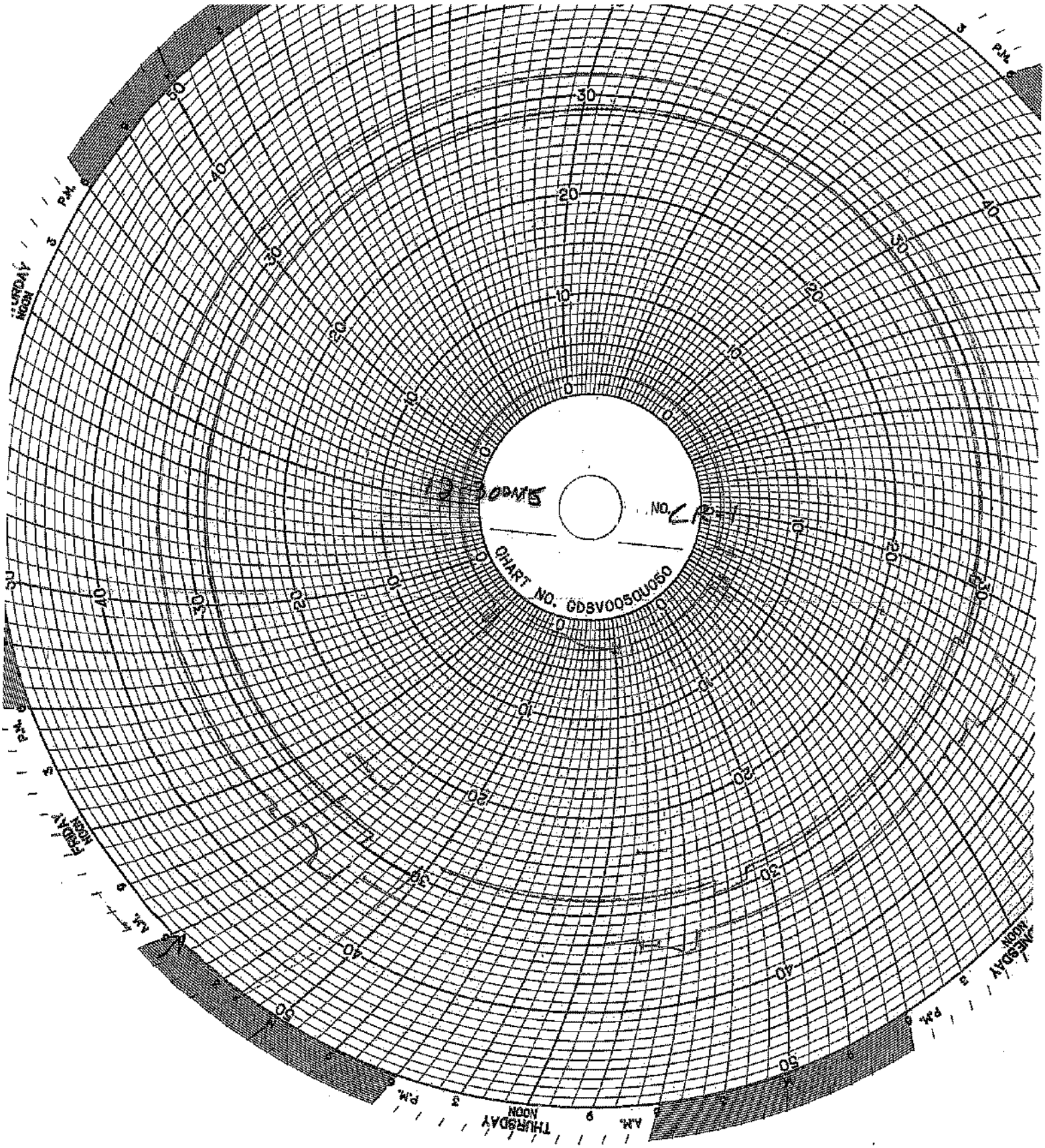
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Circle Chart Index

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

Chart Recorder #1

Channel #1

Blue Pen - Well 1 Injection Pressure

Channel #2

Red Pen – Well 1 Annulus Pressure

Channel #3

Green Pen – Well 1 Flow Rate

Channel #4

Black Pen – Well 1 Annulus Tank Level

Chart Recorder #2

Channel #1

Blue Pen – Well 2 Injection Pressure

Channel #2

Red Pen – Well 2 Annulus Pressure

Channel #3

Green Pen – Well 2 Flow Rate

Channel #4

Black Pen – Well 2 Annulus Tank Level

Chart Recorder #3

Channel #1

Blue Pen – Injection pH Well 1 & 2

Channel #2

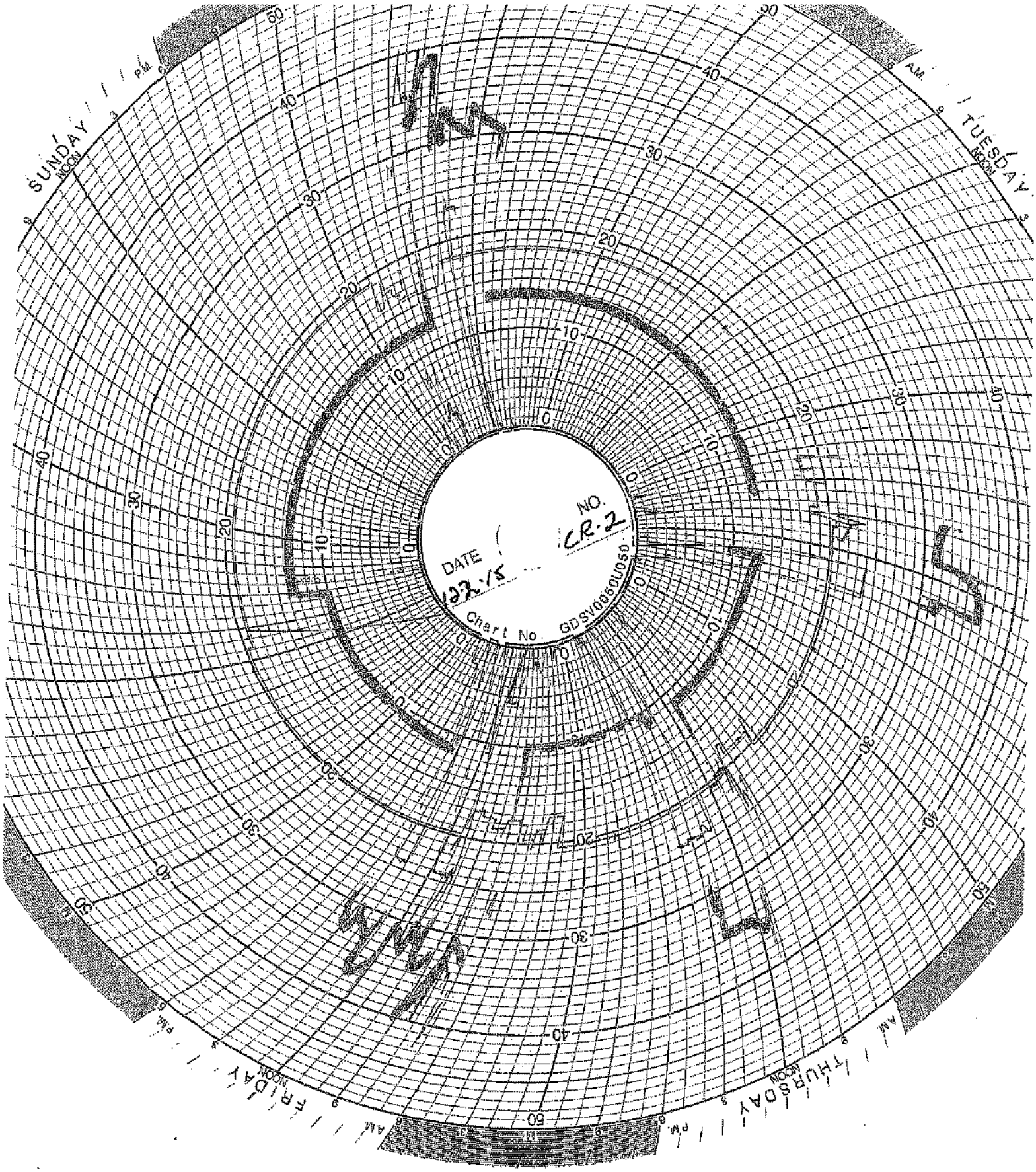
Red Pen – Well 1 Monthly Volume

Channel #3

Green Pen – Well 2 Monthly Volume

Channel #4

Black Pen - Temperature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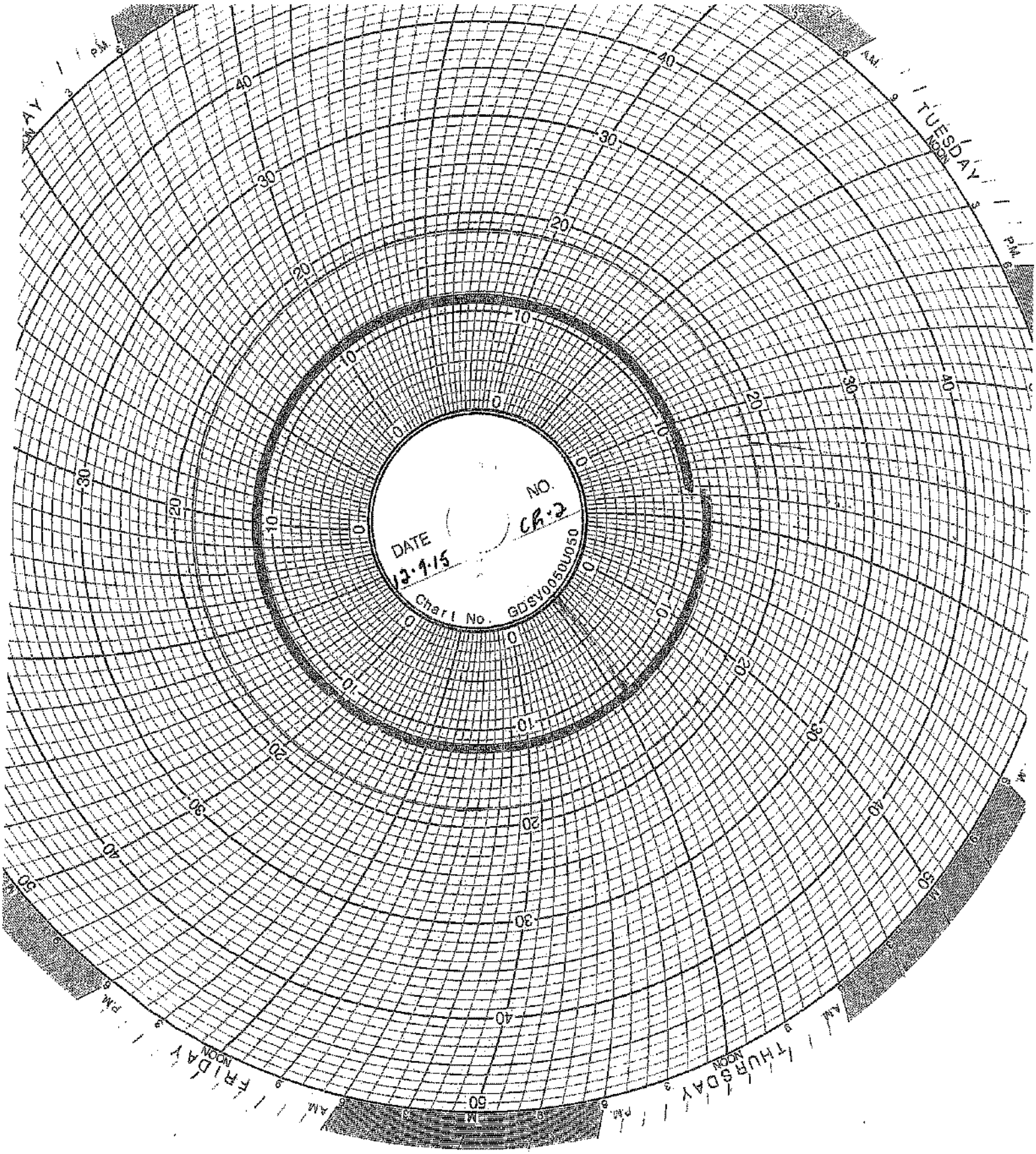
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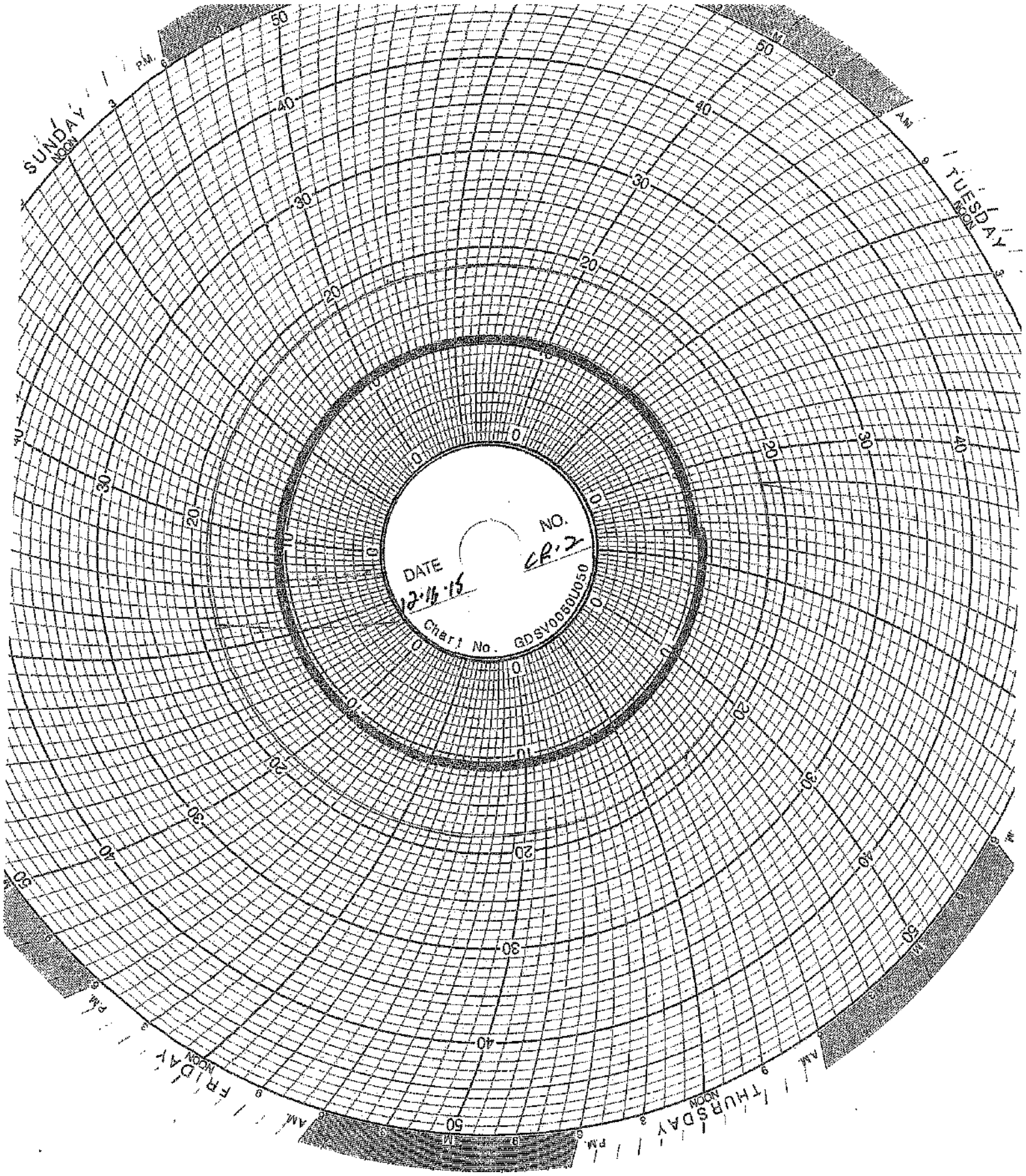
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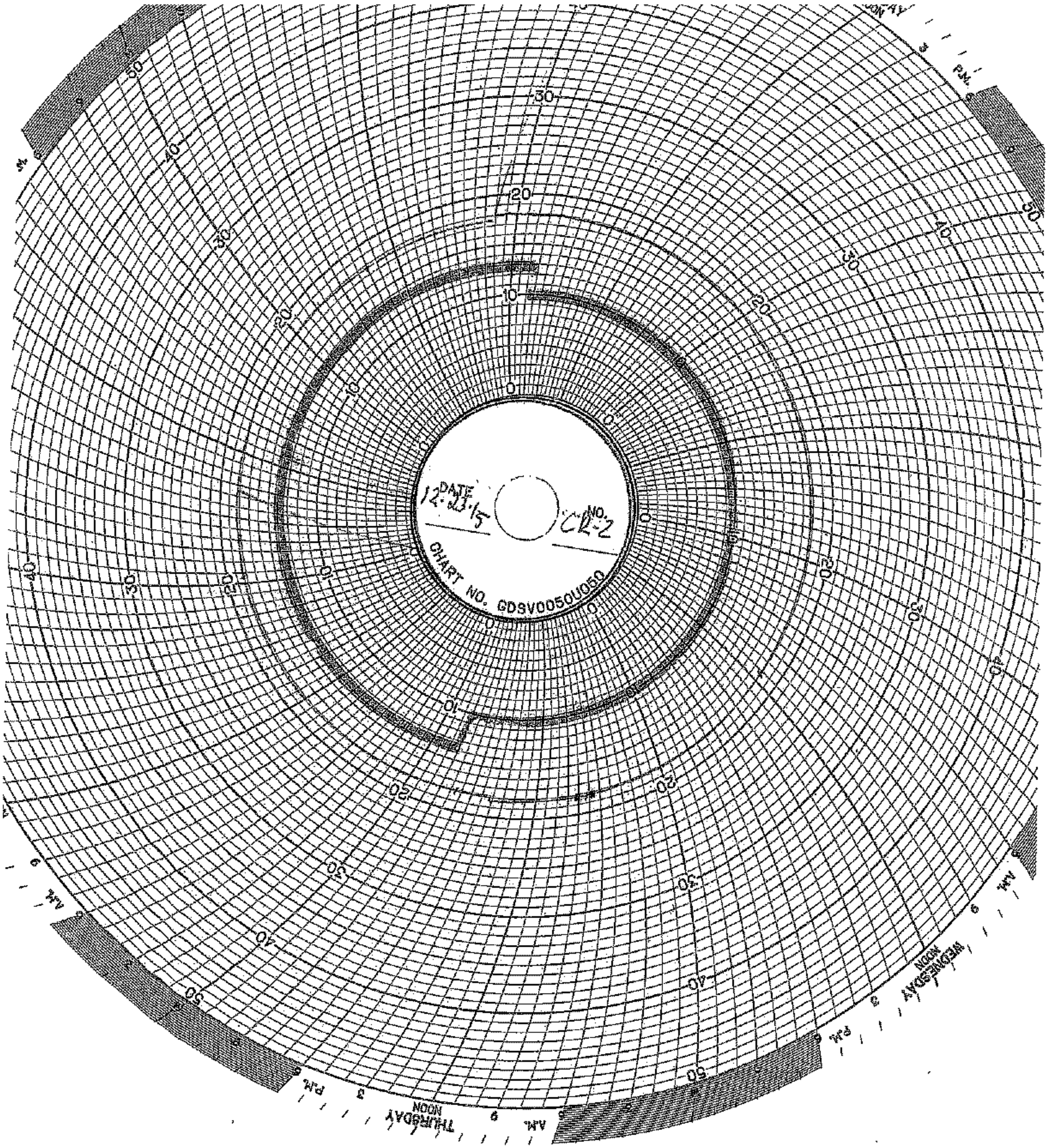
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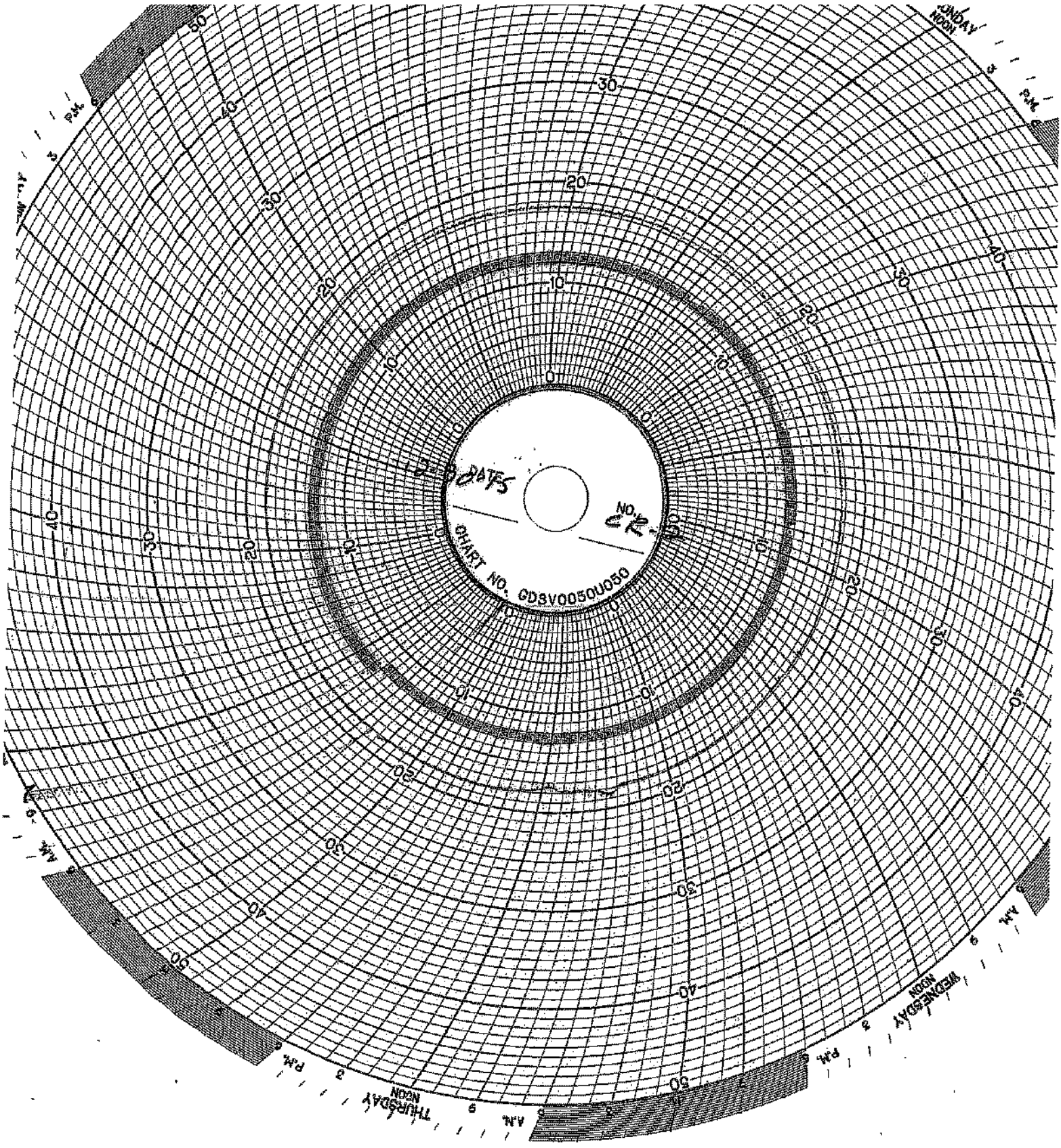
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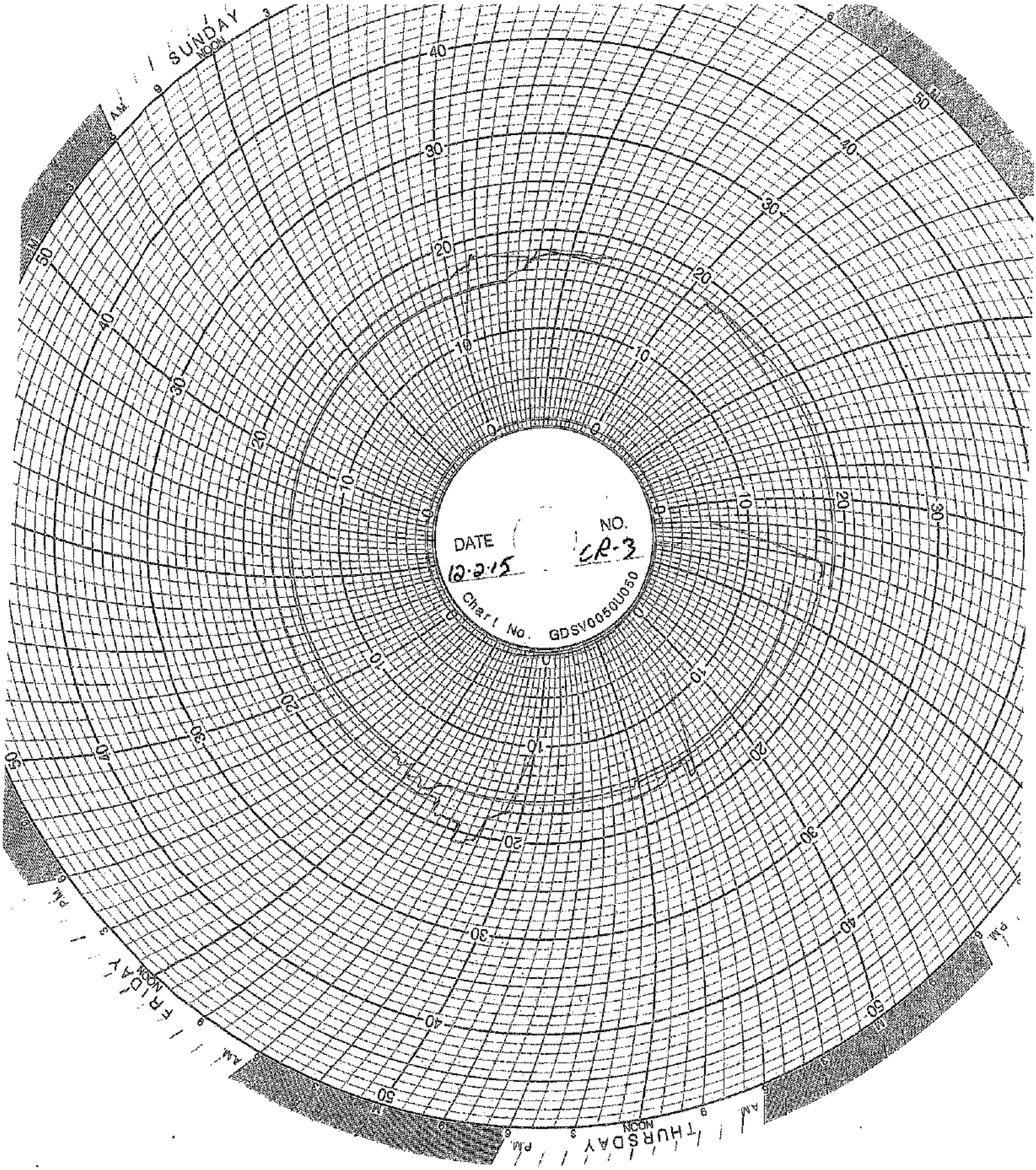
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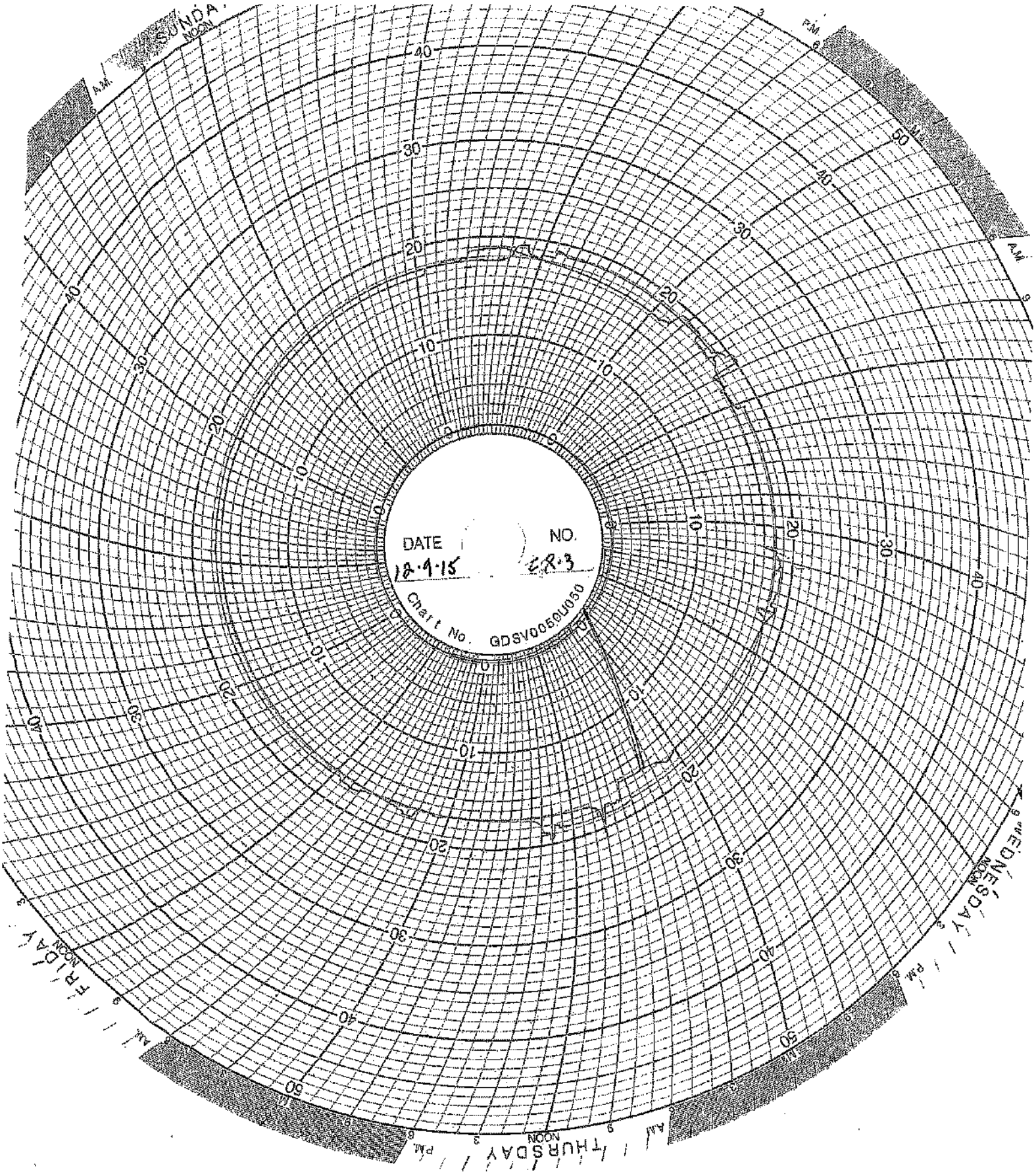
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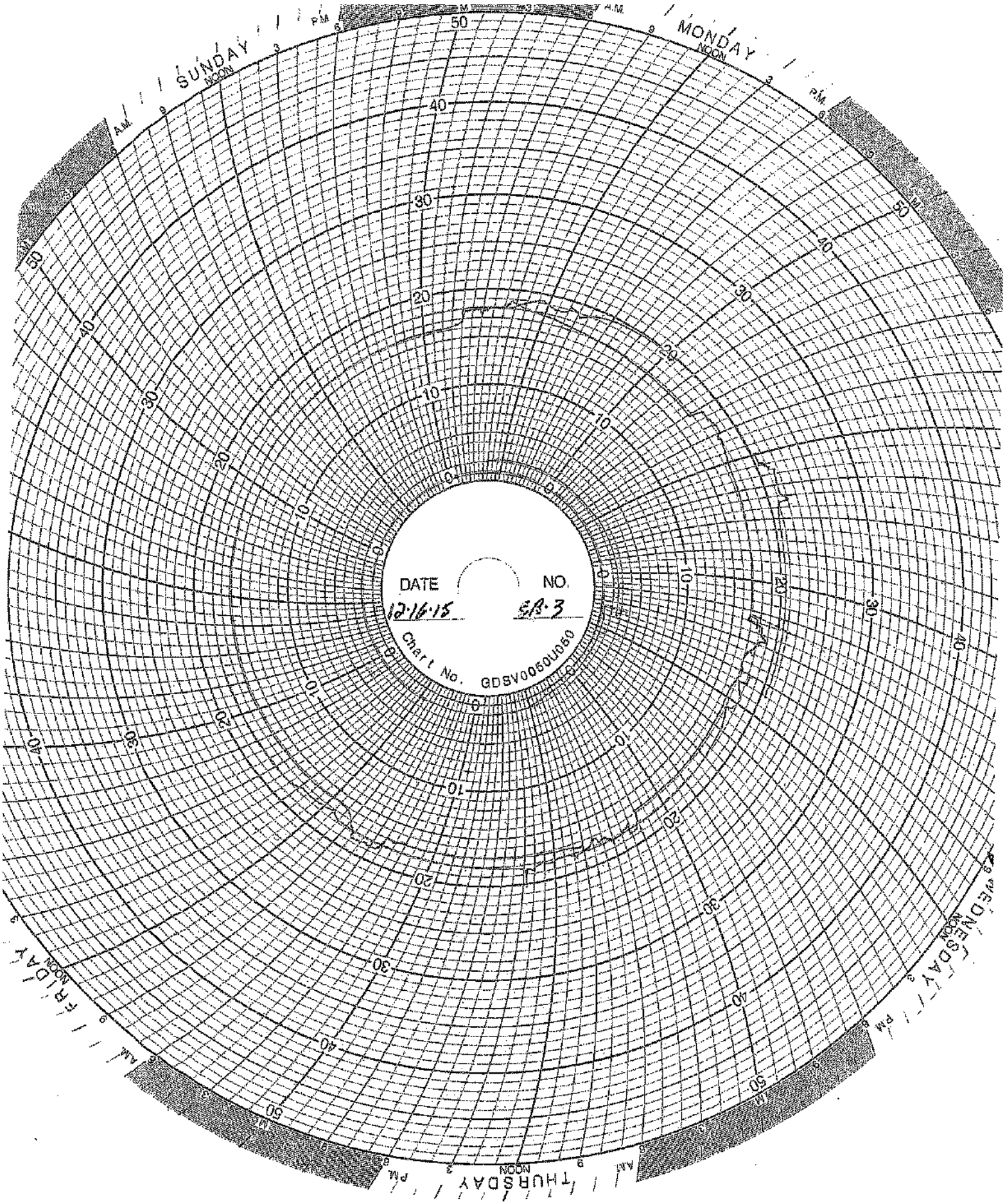
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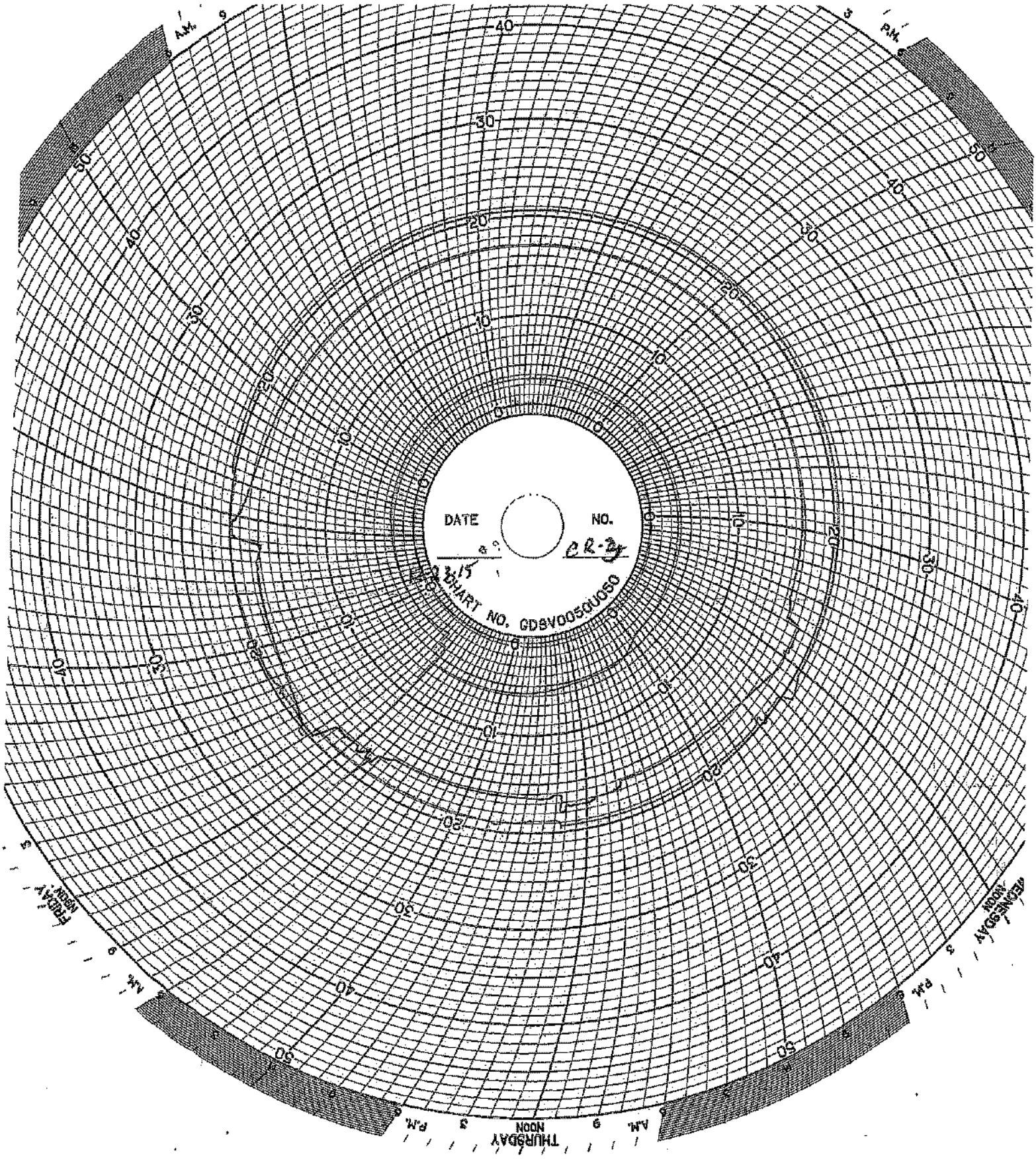
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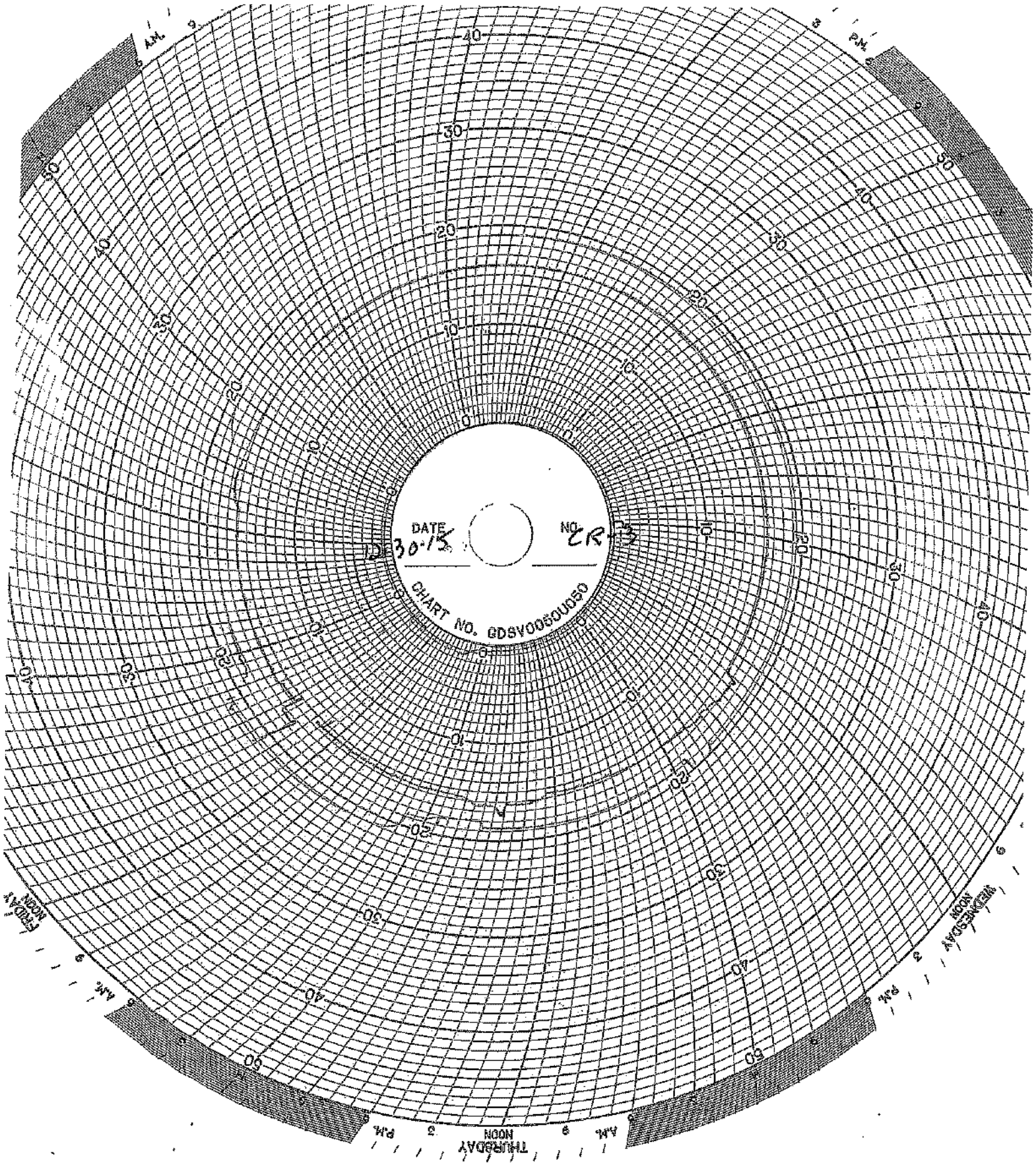
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MAINTENANCE LOG

UIC Monthly Maintenance Log

12/1/2015	Pressure gauge calibration	Annulus and injection gauges were calibrated for both Well 1 and Well 2
12/3/2015	Well 1	Installed a new inlet valve on the wellhead
12/22/2015	Well 1	Installed a new inlet flange on the wellhead

CORROSION MONITORING

CORROSION MONITORING PLAN
COUPON SUMMARY

Date	Hastelloy (C267)	Stainless Steel (316L)	Fiberglass (Redbox)	
12/19/2013	13.330 g	10.848 g	7.309 g	Initial Mass @ start up
2/21/2014	13.329 g	10.846 g	7.306 g	
3/10/2014	13.327 g	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	
5/30/2014	13.328 g	10.818 g	7.226 g	
6/30/2014	13.321 g	10.337 g	7.196 g	
7/11/2014	13.323 g	10.304 g	7.196 g	
8/12/2014	13.328 g	10.045 g	7.182 g	
9/17/2014	13.321 g	9.997 g	7.090 g	
10/30/2014	13.321 g	9.387 g	7.075 g	
11/21/2014	13.320 g	9.386 g	7.069 g	
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	New hastelloy coupon
3/31/2015	13.339 g	9.286 g	7.005 g	
4/27/2015	13.335 g	9.130 g	6.852 g	
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	
7/27/2015	13.337 g	9.127 g	6.818 g	
8/26/2015	13.337 g	9.022 g	6.780 g	
9/21/2015	13.336 g	8.987 g	6.792 g	
10/19/2015	13.335 g	8.985 g	6.797 g	
11/16/2015	13.334 g	8.982 g	6.788 g	
12/17/2015	13.334 g	8.933 g	6.791 g	

CORROSION MONITORING COUPONS BASELINE VISUAL DESCRIPTION

November 4, 2013

Fiberglass

The fiberglass coupon is Red Box 2000 type and is 2-1/2 inches long by 1/2 inch wide and 1/4 inches thick. It is a dark orange (rust) in color with a glossy shine on one side a polished look on the opposite side and the cut edges look sanded.

Hastelloy

The hastelloy coupon is identified as C276 with serial number 1. The dimensions of the coupon are 3 inches long by 1/2 inch wide and 1/4 inch thick. The coupon is silver in color with a lightly sandblasted surface.

Stainless Steel

The stainless steel coupon is identified as 316L with serial number C1562. The dimensions of the coupon are 3 inches long by 1/2 inch wide and 1/4 inch thick. The coupon is silver in color with a lightly sandblasted surface.

CORROSION MONITORING COUPONS VISUAL DESCRIPTION

December 17, 2015

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.

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.

Stainless Steel Coupon

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

October 22, 2015

• TEST REPORT •

PN 125322
PO 00154

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By: _____
Melissa Martin
Sr. Project Technician

Approved By: _____
Jim Drummond, Sr.
Physical & Plastic Testing, Manager

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

October 22, 2015

John Frost
Environmental Geo-Technologies, LLC

SUBJECT: Barcol Hardness on one material.

RECEIVED: One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a
Instant Reading

	Results
Barcol Hardness, Instant	96

Prepared By:
Melissa Martin
Sr. Project Technician

Approved By:
Scott W. Yates
Plastics Testing Assistant Manager

tc

GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

	Hardness
Specimen 1	90

Specimen is being returned with this report for further evaluation.

GHESQUIERE PLASTIC TESTING, INC.

M. W. Ghesquiere
President

MWG/kmi

TOTAL 1 PAGES

GHESQUIERE PLASTIC TESTING, INC.

20450 HARPER AVENUE
HARPER WOODS, MI 48225
PHONE (313) 885-3595
FAX (313) 885-1771

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

	Hardness
Specimen 1	90

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

GHESQUIERE PLASTIC TESTING, INC.

M. W. Ghesquiere
President

MWG/dm

GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

	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
28470 Citrin Drive
Romulus, MI 48174

Prepared By: _____
Melissa Martin
Sr. Project Technician

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

October 2, 2014

John Frost
Environmental Geo-Technologies, LLC

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

RECEIVED: One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

	Results
Barcol Hardness, Instant	97

Prepared By: _____
Melissa Martin
Sr. Project Technician

Approved By: _____
Scott W. Yates
Plastics Testing Assistant Manager

st

INJECTION
FINGERPRINTS

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/1/15
Receiving ID#	T 1201501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.T.
Sampled by	

COPY

LAB INFORMATION Aqueous Solutions		Oil and 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.)	0.60	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	26.67
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	64°F		
Conductivity	> 400.0 mS		
% Solids	26.6		
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	12/2/15
Receiving ID#	T12021501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	

COPY

LAB INFORMATION (Waste Stream)		FIELD 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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.16	TDS	10.87
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	215.3 mS		
% Solids	10.8		
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	12/3/15
Receiving ID#	I1203150I
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H
Sampled by	

COPY

LAB INFORMATION All Waste Streams		Metal 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.)	0.3	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.17	TDS	32.62
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	64 °F		
Conductivity	> 400.0 mS		
% Solids	32.6		
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	12/4/15
Receiving ID#	I 1204501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H
Sampled by	

COPY

LAB INFORMATION (Waste Streams)		Client Entries 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	1.22	TDS	33.9%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	74°F		
Conductivity	> 400.0mS		
% Solids	83.9		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

Revision 5.0
7/1/13

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/7/15
Receiving ID#	I1207/501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.H.
Sampled by	88

COPY

LAB INFORMATION All Waste Streams		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.)	<0.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.26	TDS	20.47
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	>400.0 mS		
% Solids	20.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	[signature]		

FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/7/15
Receiving ID#	I120715 02
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	J.H.

COPY

LAB INFORMATION All Waste Streams		Class II 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.)	0.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.24	TDS	20.37
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	>400.0 mS		
% Solids	20.3		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	[signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/8/15
Receiving ID#	I-1208501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	BP

COPY

LAB INFORMATION Waste Streams		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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.14	TDS	12.17
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	241.2 mS		
% Solids	12.1		
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	12/9/15
Receiving ID#	I 1209501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H,
Sampled by	RF

COPY

LAB INFORMATION Waste Shipments		Oil & Gas 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.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.14	TDS	12.07
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	239.4 m S		
% Solids	12.0		
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	12/9/15
Receiving ID#	I 209502
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	AP

COPY

LAB INFORMATION (All Waste Streams)		Solid 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.)	0.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.22	TDS	8.47
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	69°F		
Conductivity	167.3mS		
% Solids	8.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	2.03		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/10/15
Receiving ID#	I-121015-01
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	

COPY

LABINFORMATION (Waste Shipments)		(Fluid Analysis)	
Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	0.5	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.17	TDS	20.2 g/L
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	> 400.0 mS		
% Solids	20.2		
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	12/11/15
Receiving ID#	I-121150
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.A.
Sampled by	D.A.

COPY

LAB INFORMATION (Waste Streams)		(Solid Streams 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.)	0.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	28.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	> 400.0mS		
% Solids	28.9		
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	12/14/15
Receiving ID#	1214501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	

COPY

LAB INFORMATION (All Waste Streams)		(Circle Units 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	1.12	TDS	22.72
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	> 400.0 mS		
% Solids	22.7		
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	12/15/15
Receiving ID#	I 12151501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	[signature]
Sampled by	[signature]

COPY

LAB INFORMATION All Waste Streams		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.)	1.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.20	TDS	5.3%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	105.0 mS		
% Solids	5.3		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	[signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/15/15
Receiving ID#	I121515O2
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	JH

COPY

LAB INFORMATION All Waste Shipments		Chloride 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.)	0.8	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	7.67
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	70°F		
Conductivity	152.0 mS		
% Solids	7.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	[signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/16/15
Receiving ID#	I 12161501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H
Sampled by	BP

COPY

LAB INFORMATION All Waste Streams		Oily Wastes 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	1.14	TDS	20.6 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	> 400.0 mS		
%-Solids	20.6		
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	12/17/15
Receiving ID#	I-121715-01
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	BP

COPY

LAB INFORMATION Oily Waste Shipments		Oil Field 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.)	0.60	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	10.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil In Sample	Yes No		
Temperature	60.7°F		
Conductivity	21.6 mS		
% Solids	10.9		
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	12/17/15
Receiving ID#	I 1217502
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	

COPY

LAB INFORMATION Wastewaters		Oil & 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.)	0.9	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.11	TDS	6.77
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	133.6mS		
% Solids	6.7		
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	12/17/15
Receiving ID#	I-12-121503
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	J.th
Sampled by	

COPY

COPY

LAB INFORMATION - Waste Shipments		Other 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.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.09	TDS	6.5
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	65°F		
Conductivity	65.1 mS		
% Solids	6.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	< 0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/18/15
Receiving ID#	I.121815 01
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	ML

COPY

LAB INFORMATION All Waste Shipments		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.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.09	TDS	3.67.
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	71.5 ms		
% Solids	3.6		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	[signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/18/15
Receiving ID#	I12181502
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H
Sampled by	

COPY

LABINFORMATION (Waste Screening)		Field Titrations	
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	1.12	TDS	9.42
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	64°F		
Conductivity	180.2 mS		
% Solids	9.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)			
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/21/15
Receiving ID#	I1221501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	BB

COPY

LAB INFORMATION All Waste Shipments		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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.12	TDS	9.4 %
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	64°F		
Conductivity	182.2 mS		
% Solids	9.4		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	[signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/21/15
Receiving ID#	I 12211502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H
Sampled by	PP

COPY

LAB INFORMATION All Waste Shipments		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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.10	TDS	9.57
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	190.3 mS		
% Solids	9.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/22/15
Receiving ID#	I 1222501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	D.H
Sampled by	DP

COPY

LAB INFORMATION All Waste Streams		Oil & Gas 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.)	0.4	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS	17.8
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	355.8 mS		
% Solids	17.8		
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	12/22/15
Receiving ID#	I 122+502
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H.
Sampled by	S.H.

COPY

LAB INFORMATION All Waste Streams		Oil Field 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.)	0.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.14	TDS	15.0%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	68°F		
Conductivity	3010.5		
% Solids	15.0		
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	12/23/15
Receiving ID#	I12231501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H.
Sampled by	RP

COPY

LAB INFORMATION All Waste Streams		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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.15	TDS	11.27
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	224,305		
% Solids	11.2		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature	[signature]		

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/23/15
Receiving ID#	T 1223150-2
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JH
Sampled by	

COPY

LAB INFORMATION All Waste Shipments		Oilfield Shipments 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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.11	TDS	11.72
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	66°F		
Conductivity	234.4 mS		
% Solids	11.7		
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	12/23/15
Receiving ID#	T 12-23-1503
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	DH
Sampled by	DH

COPY

LAB INFORMATION (Waste Stabilate)			LAB INFORMATION (Waste Stabilate)	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH (S.U.)	0.9		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.10		TDS	6.77
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil In Sample	Yes	No		
Temperature	65°F			
Conductivity	133.6 mS			
% Solids	6.7			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	< 0.1			
Radiation Screen (as needed)				
Lab Signature				

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, L.L.C.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/24/15
Receiving ID#	T12241501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H.
Sampled by	ML

COPY

LAB INFORMATION Waste Shipments		Oilfield Fluids 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	1.12	TDS	20.1
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	69°F		
Conductivity	> 400.0 mS		
% Solids	20.1		
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	12/28/15
Receiving ID#	I12281501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.M.
Sampled by	

COPY

LAB INFORMATION AllWaste Shipments		For Field Fines 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.)	0.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.06	TDS	10.17
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°F		
Conductivity	197.8 mS		
% Solids	10.1		
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	12/28/15
Receiving ID#	IT 122815O2
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	BB

COPY

LAB INFORMATION All Waste Streams		Oil-field 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.)	0.7	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.06	TDS	10.0
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67 °F		
Conductivity	197.1 mS		
% Solids	10.0		
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	12/29/15
Receiving ID#	I 1229153
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	

COPY

LAB INFORMATION All Waste Streams		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.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.10	TDS	6.7%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	61°F		
Conductivity	135.4 mS		
% Solids	6.7		
Turbidity	Yes No		
Color (visual)			
TSS (%)	(0.)		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/30/15
Receiving ID#	ID 301501
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time In	
Time out	
Received by	JH
Sampled by	

COPY

LAB INFORMATION (All Waste Streams)			OFFICE USE 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.)	0.7		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.11		TDS	12.22
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	65°F			
Conductivity	244.6 mS			
% Solids	12.2			
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	12/30/15
Receiving ID#	I1230150Z
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H
Sampled by	

COPY

LAB INFORMATION All Waste Shipments		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.)	1.0	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	5.52
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	56°F		
Conductivity	111.7 mS		
% Solids	5.5		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

WASTE STREAMS
CHARACTERIZATIONS

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC
28470 Citrin Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002

Generator Waste Profile

Profile # 00756

GENERATOR INFORMATION

Name: [redacted] USEPA ID #: [redacted]

Facility Address: [redacted] SIC/NAICS Code: _____ State Code: _____

City: [redacted] State: [redacted] Zip Code: [redacted]

Contact: _____ Title: _____ Phone: ( ) _____ Fax: ( ) _____

BILLING INFORMATION ☐ SAME AS ABOVE

Company Name: [redacted]

Address: [redacted]

City: [redacted] State: [redacted] Zip Code: [redacted]

Attention: _____ Phone: [redacted] Fax: ( ) _____

WASTE INFORMATION

Name of Waste/Common Chemical Name:

TK43 Waste Water

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

Steel treatment and coating

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: 029L

PHYSICAL CHARACTERISTICS OF WASTE

Color:	Suspended Solids	Layers:	Specific Gravity:	
☐ White/Clear ☒ ~~Black~~/Brown ☐ Other ____	☒ 0-1 % ☐ 3-5 % ☐ 1-3 % ☐ > 5%	☐ Multi-Layered ☐ Bi-Layered ☒ Single Phase	☐ <0.8 ☒ 1.0 – 1.2 ☐ 0.8 –1.0 ☐ 1.3 – 1.4 Exact / Other 1.02	Accepted 12.09.15

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	
Wastewater	>99	93	%				%
Sewage	2	0	%				%
Solids	5	0	%				%
			%				%
			%				%

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

	Not Present	Concentration		Not Present	Concentration
PCB	☒	____ppm	Aromatic Amine	☒	____ ppm
Dioxins	☒	____ppm	Pesticides	☒	____ ppm
Cyanides Reactive	☒	____ppm	Rodenticides	☒	____ ppm
Cyanides Total	☒	____ppm	Fungicides	☒	____ ppm
Sulfides Reactive	☒	____ppm			
Sulfides Total	☒	____ppm			

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

TCLP Organics D012 – D043 above regulatory limits: Present ☐ Not Present ☒

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

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

SHIPPING INFORMATION

1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? ☐Yes ☒No
2. Reportable Quantity (RQ) in pounds _____
3. DOT Shipping Name Waste Non-DOT, Non-Regulated Material Hazard Class — UN/NA —
PG — ERG — Hazardous Constituents for "n.o.s." —
4. Method of Shipment: ☒Bulk Tanker ☒Vac truck ☐Rail Car ☐Drums ☐Totes
5. Number of Units to Ship Now: _____ 6. Anticipated Volume / Units per Year: VARIES or ☐ One Time
6. *Special Handling Requirements including PPE:* _____

CERTIFICATION STATEMENT

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

Printed Name: [redacted] Title: [redacted]

Generator's Signature: [redacted] Date: [redacted]

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS:

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

1. _____ 2. _____
SAMPLING METHOD COLLECTION POINT

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

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

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

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

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/7/15
Receiving ID#	Tk-43 Waste Water
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	[redacted]
Generator	[redacted]
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Client

LAB INFORMATION All Waste Streams		Oilfield Wastes Only	
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.)	11.4	Sodium Chloride	
Cyanides? (mg/L)	<30	Bicarbonate	
Sulfides? (ppm)	<200	Carbonate	
Specific Gravity	1.02	TDS	
Physical Description	liquid	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil in Sample	Yes (No)		
Temperature	70°F		
Conductivity	11.9 mS		
% Solids	0.7		
Turbidity	(Yes) No		
Color (visual)	Brown		
TSS (%)	<0.1		
Radiation Screen (as needed)	Negative		
Lab Signature			

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC
28470 Citrin Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002

Generator Waste Profile

Profile # 00752

GENERATOR INFORMATION

Nam[redacted] USEPA ID [redacted]

Facility Addr[redacted] SIC/NAICS Cod[redacted] e Code: _____

City[redacted] State[redacted] Zip Cod[redacted]

Cont[redacted] itl[redacted] Phone[redacted]

BILLING INFORMATION ☐ SAME AS ABOVE

Company Na[redacted]

Addres[redacted]

City[redacted] Zip C[redacted]

Attention[redacted] Pho[redacted] Fax[redacted]

WASTE INFORMATION

Name of Waste/Common Chemical Name: Waste Water

Process Generating Waste (Please be specific, incomplete information may delay the approval process): *The waste water was pumped from a pair of UST's that were located behind a Café in Ann Arbor. The tanks were former storage tanks for a dry cleaning shop that formerly occupied the site. Water accumulated over time on top of residue that remained. Then the tanks were washed out and that rinseate was also pumped into drums for transport.*

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: 029L

PHYSICAL CHARACTERISTICS OF WASTE

Color:	Suspended Solids	Layers:	Specific Gravity:	
☐ White/Clear ☒ Black/Brown ☐ Other ____	☐ 0-1 % ☐ 3-5 % ☐ 1-3 % ☒ > 6%	☐ Multi-Layered ☒ Bi-Layered ☐ Single Phase	☐ <0.8 ☒ 1.0 – 1.2 ☐ 0.8 – 1.0 ☐ 1.3 – 1.4 Exact / Other 1.02 – 1.04	acceptable 12.10.15

pH: ☐ NA ☐ ≤ 2 ☐ 2 – 4 ☐ 4 – 6 ☒ 6 – 8 ☐ 8 – 10 ☐ 10 – 12.5 ☐ ≥ 12.5

7.1 – 8.3

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
Water	99	80 %			%
Dirt	10	2 %			%
Stoddard Solvent	2	1 %			%
		%			%
		%			%

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

	Not Present	Concentration		Not Present	Concentration
PCB	☒	____ ppm	Aromatic Amine	☒	____ ppm
Dioxins	☒	____ ppm	Pesticides	☒	____ ppm
Cyanides Reactive	☒	____ ppm	Rodenticides	☒	____ ppm
Cyanides Total	☐	<30 ppm	Fungicides	☒	____ ppm
Sulfides Reactive	☒	____ ppm			
Sulfides Total	☐	<200 ppm			

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

TCLP Organics D012 – D043 above regulatory limits: Present ☐ Not Present ☒

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

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

SHIPPING INFORMATION

1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? ☐Yes ☒No
2. Reportable Quantity (RQ) in pounds NA
3. DOT Shipping Name Other Waste (waste non-DOT, non-Regulated Material) Hazard Class NA UN/NA NA
   PG _____ ERG _____ Hazardous Constituents for "n.o.s." _____
4. Method of Shipment: ☒Bulk Tanker ☒Vac truck ☐Rail Car ☒Drums ☐Totes
5. Number of Units to Ship Now: 3Drums 6. Anticipated Volume / Units per Year: _____ or ☐ One Time
6. Special Handling Requirements including PPE: _____

CERTIFICATION STATEMENT

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

Printed Name: [redacted] Title: [redacted]

Generator's Signature: [redacted] Date: [redacted]

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS:

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

1. _____ SAMPLING METHOD 2. _____ COLLECTION POINT

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

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

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

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

Lakeland Laboratories, Inc.

8290 Pettysville Road
Pinckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: November 25, 2015

Customer: [redacted]

Project Name: [redacted]
Project Number: [redacted]
Submit Date: [redacted]
Collection Date: [redacted]

Lab Sample ID: 10884-102389

Sample ID: Tank #2

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
RIC Analysis						
Reactive Cyanide	ND	50	mg/Kg	SW846 9014	11/24/2015	EDW
Reactive Sulfide	ND	50	mg/Kg	SW846 9030	11/24/2015	EDW
Flashpoint	122	200	°F	SW846 1010	11/24/2015	EDW
pH	7.7	1-14		SW846 9045C	11/20/2015	LLW
TCLP Metals Analysis						
Arsenic	ND	0.5	mg/L	SW846 7060	11/24/2015	LLW
Barium	ND	0.5	mg/L	SW846 7081	11/24/2015	LLW
Cadmium	ND	0.5	mg/L	SW846 7130	11/24/2015	LLW
Chromium	ND	0.5	mg/L	SW846 7190	11/24/2015	LLW
Lead	ND	0.5	mg/L	SW846 7420	11/24/2015	LLW
Mercury	ND	0.1	mg/L	SW846 7471	11/25/2015	LLW
Selenium	ND	0.5	mg/L	SW846 7740	11/24/2015	LLW
Silver	ND	0.5	mg/L	SW846 7760	11/23/2015	LLW
ZHE Volatile Analysis						
Benzene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Carbon tetrachloride	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Chlorobenzene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Chloroform	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
1,4-Dichlorobenzene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
1,2-Dichloroethane	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
1,1-Dichloroethene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Methyl ethyl ketone	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Tetrachloroethene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Trichloroethene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Vinyl chloride	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Semi Volatile Analysis						
2,4,5-Trichlorophenol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
2,4,6-Trichlorophenol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
2,4-Dinitrotoluene	ND	0.1	mg/L	SW846 8270	11/25/2015	LLW
Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Hexachlorobenzene	ND	0.1	mg/L	SW846 8270	11/25/2015	LLW
Hexachlorobutadiene	ND	0.1	mg/L	SW846 8270	11/25/2015	LLW
Hexachloroethane	ND	1	mg/L	SW846 8270	11/25/2015	LLW
m-Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Nitrobenzene	ND	1	mg/L	SW846 8270	11/25/2015	LLW
o-Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
p-Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Pentachlorophenol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Pyridine	ND	1	mg/L	SW846 8270	11/25/2015	LLW

Inaccurate! See our Lab Analysis

Certificate of Analysis

Date: November 25, 2015

Customer: [redacted]

Project Name: [redacted]
Project Number:
Submit Date:
Collection Date:

Lab Sample ID:

Sample ID: Tank #2

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
TOX	ND	500	mg/L	SW846 9079	11/24/2015	LLW

Parameter- The analysis performed or name of the chemical analyzed.
Result- The reported concentration in the sample at or above reg level
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Units- The unit which corresponds to the reported concentration
Method Reference- The method used to provide results.
Analysis Date- Date the analysis was performed
Analyst- Initials of the analyst performing the analysis
ND- Parameter not detected above the reported LRL

Reviewed By: *Lorri White*

Date: 11/25/2015

Lakeland Laboratories, Inc.

8290 Pettysville Road
Pinckney, MI 48169

Phone: (734) 878-3400
FAX: (734) 878-3981

Certificate of Analysis

Date: November 25, 2015

Customer: [redacted]

Project Name: [redacted]
Project Number:
Submit Date:
Collection Date:

Lab Sam[redacted]

Sample ID: Tank #3

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
RIC Analysis						
Reactive Cyanide	ND	50	mg/Kg	SW846 9014	11/24/2015	EDW
Reactive Sulfide	ND	50	mg/Kg	SW846 9030	11/24/2015	EDW
Flashpoint	109	200	°F	SW846 1010	11/24/2015	EDW
pH	6.9	1-14		SW846 9045C	11/20/2015	LLW
TCLP Metals Analysis						
Arsenic	ND	0.5	mg/L	SW846 7060	11/24/2015	LLW
Barium	ND	0.5	mg/L	SW846 7081	11/24/2015	LLW
Cadmium	ND	0.5	mg/L	SW846 7130	11/24/2015	LLW
Chromium	1.3	0.5	mg/L	SW846 7190	11/24/2015	LLW
Lead	2.4	0.5	mg/L	SW846 7420	11/24/2015	LLW
Mercury	ND	0.1	mg/L	SW846 7471	11/25/2015	LLW
Selenium	ND	0.5	mg/L	SW846 7740	11/24/2015	LLW
Silver	ND	0.5	mg/L	SW846 7760	11/23/2015	LLW
ZHE Volatile Analysis						
Benzene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Carbon tetrachloride	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Chlorobenzene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Chloroform	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
1,4-Dichlorobenzene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
1,2-Dichloroethane	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
1,1-Dichloroethene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Methyl ethyl ketone	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Tetrachloroethene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Trichloroethene	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Vinyl chloride	ND	0.1	mg/L	SW846 8260	11/24/2015	LLW
Semi Volatile Analysis						
2,4,5-Trichlorophenol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
2,4,6-Trichlorophenol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
2,4-Dinitrotoluene	ND	0.1	mg/L	SW846 8270	11/25/2015	LLW
Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Hexachlorobenzene	ND	0.1	mg/L	SW846 8270	11/25/2015	LLW
Hexachlorobutadiene	ND	0.1	mg/L	SW846 8270	11/25/2015	LLW
Hexachloroethane	ND	1	mg/L	SW846 8270	11/25/2015	LLW
m-Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Nitrobenzene	ND	1	mg/L	SW846 8270	11/25/2015	LLW
o-Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
p-Cresol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Pentachlorophenol	ND	1	mg/L	SW846 8270	11/25/2015	LLW
Pyridine	ND	1	mg/L	SW846 8270	11/25/2015	LLW

Certificate of Analysis

Date: November 25, 2015

Custom[redacted]

Project Name[redacted]
Project Number
Submit Dat
Collection Date

Lab Sampl

Sample ID: Tank #3

Parameters	Result	LRL	Units	Method Reference	Analysis Date	Analyst
TOX	3200	500	mg/L	SW846 9079	11/24/2015	LLW

Parameter- The analysis performed or name of the chemical analyzed.
Result- The reported concentration in the sample at or above reg level
LRL- Lower Reporting Limit- dilutions may affect the LRL.
Units- The unit which corresponds to the reported concentration
Method Reference- The method used to provide results.
Analysis Date- Date the analysis was performed
Analyst- Initials of the analyst performing the analysis
ND- Parameter not detected above the reported LRL

Reviewed By: *Lorri White*

Date: 11/25/2015

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/2/15
Receiving ID#	Tank #2
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	[redacted]
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Client

LABORATORY ANALYSIS		OPTIONAL	
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.)	7.1	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.02	TDS	
Physical Description	Liquid-F	Resistivity	
Stream Consistency	Yes (No)	Sulfate	
Oil In Sample	Yes (No)		
Temperature	58°F		
Conductivity	15.5		
% Solids	31.7		
Turbidity	(Yes) No		
Color (Visual)	Brown		
TSS (%)	25.0		
Radiation Screen (as needed)	Negative		
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/2/15
Receiving ID#	Tank #3
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	[redacted]
Client	
Transporter	
Time In	
Time out	
Received by	S.H.
Sampled by	Client

LAB INFORMATION All Waste Streams		Oilfield Waste Only	
Compatible? (RT#)	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/D	Total Iron	
Flash Point (°F)	> 140	Magnesium	
pH (S.U.)	8.3	Sodium Chloride	
Cyanides? (mg/L)	<30	Bicarbonate	
Sulfides? (ppm)	<200	Carbonate	
Specific Gravity	1.04	TDS	
Physical Description	liquid	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil in Sample	Yes (No)		
Temperature	59°F		
Conductivity	28.0mS		
% Solids	6.9		
Turbidity	(Yes) No		
Color (visual)	Brown		
TSS (%)	2.0		
Radiation Screen (as needed)	Negative		
Lab Signature		[signature]	

University LABORATORIES

39830 Grand River Avenue
Novi, MI 48375
Telephone (248) 489-8800
Fax (248) 471-9107

CHAIN OF CUSTODY RECORD

PROJECT NO. [redacted] METHOD

SAMPLER'S NAME (Please print): M. Ke

SAMPLER'S SIGNATURE: Mike

PARAMETERS

(LAB USE ONLY)

	SAMPLE NO.	COLLECTION DATE	COLLECTION TIME	TYPE C	TYPE G	MATRIX	SAMPLE DISCRIPTION	PRESERV-ATIVE	# OF CONTAINERS	REMARKS	UL PROJECT NO.	UL SAMPLE NO.
1	1					A						
2	2					A						
3	3					A						
4												
5												
6												
7												
8												
9												
10												
11												
12												

RELINQUISHED BY: (Signature) — DATE — TIME — RECEIVED BY: (Signature)

SEE REVERSE

RELINQUISHED BY: (Signature) — DATE — TIME — RECEIVED BY: (Signature)

SEE REVERSE

RELINQUISHED BY: (Signature) — DATE — TIME — RECEIVED BY LAB: (Signature)

SEE REVERSE

RELINQUISHED BY LAB: (Signature) — DATE — TIME — RECEIVED BY: (Signature)

SEE REVERSE

COMMENTS

SUBMITTED BY

ADDRESS

CONTACT

PHONE

FAX

BILL TO

ADDRESS

P.O.#

SEND REPORT TO

RUSH SAMPLES?

- ☐ No
- ☐ Same Day
- ☐ 24-Hour
- ☐ 48-Hour
- ☐ 72-Hour

RUSH FEES WILL APPLY

WERE SAMPLES RECEIVED ON ICE? YES ☐ NO ☐

DID A THERMOMETER ACCOMPANY SAMPLES? YES ☐ TEMP. _____ °C NO ☐

MATRIX

DW=Drinking Water	A=Aqueous	SL=Sludge
GW=Ground Water	S=Soil	OL=Oil
WW=Wastewater	SW=Solid Waste	O=Other

PRESERVATIVE

A=None	D=NaOH	G=Ascorbic Acid
B=HNO_3	E=HCl	H=Methanol
C=H_2SO_4	F=$Na_2S_2O_3$	O=Other

CHECK HERE IF YOU WANT SAMPLES RETURNED ☐

(See reverse for sample disposal fee)

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC
28470 Citrin Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002

Generator Waste Profile

Profile # 00747

GENERATOR INFORMATION

Name: [redacted] USEPA ID: [redacted]

Facility Addre[redacted] SIC/NAICS Cod[redacted] tate Code:

C[redacted] Stat[redacted] Co[redacted]

Contac[redacted] Phone[redacted] Fax[redacted]

BILLING INFORMATION ☐ SAME AS ABOVE

Company Name[redacted]

Address:[redacted]

City:[redacted] tate[redacted] Code:[redacted]

Attentio[redacted] Pho[redacted] Fax[redacted]

WASTE INFORMATION

Name of Waste/Common Chemical Name:

Spent Lithium Bromide Solution

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

Lithium bromide aqueous solution used in a heat exchange unit. The heat exchanger/"chiller" is failing, and the solution requires disposal

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: D007

PHYSICAL CHARACTERISTICS OF WASTE

Color:	Suspended Solids	Layers:	Specific Gravity:	
☐ White/Clear ☐ Black/Brown ☒ Other Yellow	☐ 0-1 % ☐ 1-3 % ☒ 3-5 % ☐ >5%	☐ Multi-Layered ☐ Bi-Layered ☒ Single Phase	☐ <0.8 ☐ 0.8 – 1.0 ☐ 1.0 – 1.2 ☒ 1.3 – 1.4 Exact / Other <1.6	accepted 12.10.15

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	
Lithium Bromide	10	20	%				%
Water	80	90	%				%
Chromium	51		%				%
			%				%
			%				%

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

	Not Present	Concentration		Not Present	Concentration
PCB	☐	ppm	Aromatic Amine	☒	ppm
Dioxins	☒	ppm	Pesticides	☒	ppm
Cyanides Reactive	☒	ppm	Rodenticides	☒	ppm
Cyanides Total	☒	ppm	Fungicides	☒	ppm
Sulfides Reactive	☒	ppm			
Sulfides Total	☒	ppm			

Arsenic (As)	D004	☒ < 5 ppm		ppm
Barium (Ba)	D005	☒ < 100 ppm		ppm
Cadmium (Cd)	D006	☒ < 1 ppm		ppm
Chromium (Cr)	D007	☐ < 5 ppm	21	ppm
Lead (Pb)	D008	☒ < 5 ppm		ppm
Mercury (Hg)	D009	☒ < 0.2 ppm		ppm
Selenium (Se)	D010	☒ < 1 ppm		ppm
Silver (Ag)	D011	☒ < 5 ppm		ppm

TCLP Organics D012 – D043 above regulatory limits: Present ☐ Not Present ☒

IS WASTE ANY OF THE FOLLOWING? *At Least One Box Must Be Checked.*
☐ Radioactive ☐ Water Reactive ☐ Oxidizer ☐ Shock Sensitive ☐ Reactive (other) ☐ DOT Explosives
☐ NIOSH Human-Positive Carcinogens ☐ NESHAP Wastes (Benzene, etc.) ☐ Biological ☒ None Apply

SHIPPING INFORMATION

1. Is this a DOT Hazardous Material (49CFR 172.101 & 178 Subpart D)? ☒ Yes ☐ No
2. Reportable Quantity (RQ) in pounds 10 lbs. (0007
3. DOT Shipping Name UN3082, Hazardous Waste Liquid, NOS Hazard Class 9 UN/NA 3082
PG III ERG 171 Hazardous Constituents for "n.o.s." (Chromium
4. Method of Shipment: ☐ Bulk Tanker ☒ Vac truck ☐ Rail Car ☐ Drums ☐ Totes
5. Number of Units to Ship Now: 1000 gallons 6. Anticipated Volume / Units per Year: _____ or ☒ One Time
8. 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 characterization and/or regulatory requirements.

Printed Name: [redacted] Title: [redacted]

Generator's Signature: [redacted] Date: [redacted]

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS:

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

1. _____ SAMPLING METHOD 2. _____ COLLECTION POINT

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

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

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

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

[redacted]

[redacted]

Material Safety Data Sheet

MSDS Ref. No: QS-MSD-001
Version: US/Canada
Date Approved: 12/06/10
Revision No: 9

~ 1000 gallons dilute solution w/ ~ 51 ppm Cr. D007.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

00747

PRODUCT NAME:	Lithium Bromide Solution, Uninhibited
CHEMICAL FAMILY:	Lithium Salts
MOLECULAR FORMULA:	LiBr
ALTERNATE TRADE NAME(S):	ADVACor™
GENERAL USE:	Industrial Manufacturing

MANUFACTURER

[redacted]

Emergency Telephone Numbers:

[redacted]

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Wt.%
Lithium bromide	7550-35-8	52 - 56
Water	7732-18-5	44 - 48

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS:
POTENTIAL HEALTH EFFECTS:

Clear, colorless, odorless solution.
This product is severely irritating to the eyes and skin, and expected to be irritating to the mucous membranes.

COMMENTS:
(See Section 11, Toxicological Information)

4. FIRST AID MEASURES

EYES:

Immediately flush with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. See a medical doctor or ophthalmologist immediately.

SKIN:

Immediately flush with plenty of water while removing contaminated clothing and/or shoes, and thoroughly wash with soap and water. Obtain immediate medical attention. Contact a medical doctor if necessary.

INGESTION:

Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

INHALATION:

Remove to fresh air. If breathing discomfort occurs and persists, see a medical doctor. If breathing has stopped, give artificial respiration and see a medical doctor immediately.

NOTES TO MEDICAL DOCTOR:
This product is practically non-toxic by ingestion, inhalation, or dermal exposure. It is severely irritating to the skin, and expected to be severely irritating to the eyes and mucous membranes. Dermal exposure may cause sensitization. Consideration should be given to gastric lavage, with endotracheal tube in place. Treatment is controlled removal of exposure with symptomatic and supportive care.

5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS:	Upper: Not available Lower: Not available.
GENERAL HAZARD:	No known physical hazard, non-combustible.
EXTINGUISHING MEDIA:	Dry chemical, CO2, water spray or regular foam.
HAZARDOUS COMBUSTION PRODUCTS:	None
FIRE FIGHTING PROCEDURES:	Wear full protective clothing and self-contained breathing apparatus (SCBA) approved for fire fighting. This is necessary to protect against the hazards of heat, products of combustion and oxygen deficiency. Do not breathe smoke, gases or vapors generated.
AUTOIGNITION TEMPERATURE:	Not applicable
PROPERTIES CONTRIBUTING TO FLAMMABILITY:	None
FLASH POINT:	Not applicable
SENSITIVITY TO STATIC DISCHARGE:	Not applicable
SENSITIVITY TO IMPACT:	Not applicable

COMMENTS:
(See Section 10, Stability and Reactivity)

6. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES:	Contain spill with absorbent. Transfer or pump into a suitable container. Dispose of waste according to local and Federal laws and regulations. Before cleanup measures begin, review the entire MSDS with particular attention to Section 3, Emergency Overview and Potential Health Effects; and Section 8, Recommended Personal Protective Equipment.

7. HANDLING AND STORAGE

HANDLING:	Avoid contact with eyes, skin or clothing. Avoid breathing mist. Use with adequate ventilation. Wear safety glasses or goggles and rubber gloves. Wash thoroughly after handling.
STORAGE:	Keep away from strong acids. Keep container closed. This product does not contain a corrosion inhibitor and therefore may corrode steel and stainless steel containers and equipment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Chemical Name	TWA (ACGIH)	STEL/Ceiling (ACGIH)	PEL (OSHA)	STEL/Ceiling (OSHA)
None				

ENGINEERING CONTROLS:
Use local exhaust ventilation to keep airborne concentrations below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Eyes And Face:	Safety glasses or goggles
Respiratory:	If product is misting or when engineering controls are not adequate, wear a NIOSH/MSHA respirator approved for inorganic dusts and mists.
Protective Clothing:	Rubber gloves
Work Hygienic Practices:	Quick-drench eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR:	Odorless
APPEARANCE:	Clear, colorless liquid
pH:	7-9
PERCENT VOLATILE:	Not applicable
VAPOR PRESSURE:	Not applicable
VAPOR DENSITY:	Not applicable
BOILING POINT:	140°C (284°F)
MELTING POINT:	Not applicable
SOLUBILITY IN WATER:	Miscible in any proportion
EVAPORATION RATE(Butyl Acetate = 1):	Not applicable
SPECIFIC GRAVITY:	1.8 g/cc at 25°C
MOLECULAR WEIGHT:	86.84
COEFF. OIL/WATER:	Not available
ODOR THRESHOLD:	Not applicable
FLAMMABLE LIMITS:	Upper: Not available Lower: Not available.
FLASH POINT:	Not applicable
AUTOIGNITION TEMPERATURE:	Not applicable
EXPLOSIVE PROPERTIES:	Not explosive
OXIDIZING PROPERTIES:	Not an oxidizer

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Contact with strong acids
STABILITY:	Stable
POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	None
INCOMPATIBLE MATERIALS:	None

11. TOXICOLOGICAL INFORMATION

Eye Contact:	Severely irritating (rabbit) (52 - 54% LiBr aqueous solution)	[FMC Study I96-2080]
Skin Contact:	Severely irritating (rabbit) (52 - 54% LiBr aqueous solution)	[FMC Study I96-2082]
Skin Absorption:	Dermal LD_{50}: > 2000 mg/kg (rat) (52 - 54% LiBr aqueous solution)	[FMC Study I96-2079]

Ingestion:	Oral LD_{50}: > 2000 mg/kg (rat) (52 - 54% LiBr aqueous solution)	[FMC Study I96-2081]
Inhalation:	Inhalation LC_{50}: > 15.57 mg/L/4 hr. (rat) (52 - 54% LiBr aqueous solution)	[FMC Study I96-2087]

Acute Effects From Overexposure:
This product is practically non-toxic by ingestion, inhalation, or dermal exposure. It is severely irritating to the eyes and skin, and expected to be irritating to the mucous membranes. Causes skin sensitization in lab animals, and may produce similar effects in humans. Large doses of lithium bromide may cause central nervous system depression.

Chronic Effects From Overexposure:
No data available for the product. Chronic absorption of lithium bromide may cause central nervous system disturbances (drowsiness, lack of coordination, ataxia, depression, psychoses) and skin rashes.

Sensitization:	Sensitizing (guinea pig) [FMC Study I96-2083] (52 - 54% LiBr aqueous solution)
Carcinogenicity:	EH40: Not listed. IARC: Not listed. OSHA: Not considered a carcinogen under OSHA. ACGIH: Not listed
Mutagenicity:	No
Reproductive Toxicity:	No

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:
Lithium bromide:
48 hr. EC50 = 364 mg/L (daphnia magna) [FMC I97-2170]
96 hr. LC50 > 978 mg/L (menidia beryllina) [FMC I97-2171]
96 hr. LC50 = 438 mg/L (rainbow trout) [FMC I97-2172]
96 hr. LC50 > 995 mg/L (mysid shrimp) [FMC I97-2173]

Chemical Fate Information:
LiBr exists as the inorganic ions of lithium and bromide in aqueous solutions. LiBr is not biodegraded, bioaccumulated or photodegraded.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:	Dispose of waste according to local and Federal laws and regulations.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME:	None
CLASSIFICATION:	None
LABELS:	None
UN NUMBER:	None

PACKING GROUP:	None
FLASH POINT:	Not applicable
CUSTOM TARIFF NO:	2827.59.0000
MARINE POLLUTANT:	No
PIH:	Not designated Poison Inhalation Hazard by US DOT.

15. REGULATORY INFORMATION

UNITED STATES	
SECTION 311 HAZARD CATEGORY (40 CFR 370):	Immediate (Acute) Health Hazard
SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372):	This product does not contain a toxic chemical subject to the reporting requirements of Section 313 of Emergency Planning and Community Right-To-Know Act of 1986.
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):	Not listed
CERCLA HAZARDOUS SUBSTANCE (40 CFR 302.4):	Not listed
TSCA SEC 12B EXPORT NOTIFICATION:	This product is not subject to TSCA 12 (b) Export Notification Requirements.
TSCA INVENTORY STATUS (40 CFR 710):	Listed
CANADA	
WHMIS:	Product Identification No.: None Hazard Classification: Class D, Division 2B (Eye and skin irritant, skin sensitizer) Ingredient Disclosure List: Not listed

16. OTHER INFORMATION

REVISION SUMMARY: Revision No: 9: Hazard review conducted. No changes made

NFPA RATING

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
SPECIAL: none

This MSDS has been prepared to meet U. S. OSHA Hazard Communication Standard, 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

type 1a

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	11/19/15
Receiving ID#	Lithium Bromide Sol.
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	[redacted]
Client	
Transporter	
Time in	
Time out	
Received by	J. H.
Sampled by	Client

WASTE INFORMATION Waste Shipment		LABORATORY Test Results	
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.)	9.7	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.19	TDS	
Physical Description	Liquid	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil in Sample	Yes (No)		
Temperature	71°F		
Conductivity	182 mS		
% Solids	23.2		
Turbidity	Yes (No)		
Color (visual)	Yellow		
TSS (%)	< 0.1		
Radiation Screen (as needed)	Negative		
Lab Signature			

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

	Not Present	Concentration		Not Present	Concentration
PCB	☒	____ ppm	Aromatic Amine	☒	____ ppm
Dioxins	☒	____ ppm	Pesticides	☒	____ ppm
Cyanides Reactive	☒	____ ppm	Rodenticides	☒	____ ppm
Cyanides Total	☒	____ ppm	Fungicides	☒	____ ppm
Sulfides Reactive	☒	____ ppm			
Sulfides Total	☒	____ ppm			

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

TCLP Organics D012 – D043 above regulatory limits: Present ☐ Not Present ☒*

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

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

SHIPPING INFORMATION

1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? ☒ Yes ☐ No
2. Reportable Quantity (RQ) in pounds _____
3. DOT Shipping Name RQ, UN3266, Waste Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide) Hazard Class 8 UN/NA 3266
PG II ERG _____ Hazardous Constituents for "n.o.s." sodium hydroxide.
4. Method of Shipment: ☒ Bulk Tanker ☒ Vac truck ☐ Rail Car ☐ Drums ☐ Totes
5. Number of Units to Ship Now: _____ 6. Anticipated Volume / Units per Year: Varies or ☐ One Time
6. *Special Handling Requirements including PPE:*

CERTIFICATION STATEMENT

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

Printed Name: [redacted] Title [redacted]

Generator's Signature: [redacted] Date [redacted]

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS:

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

1. _____ SAMPLING METHOD 2. _____ COLLECTION POINT

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

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

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

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

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	12/11/15
Receiving ID#	Cleaned Sodium Hydroxide
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	[redacted]
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	CLIENT

LAB INFORMATION Aqueous Solutions		Solid Phase Only	
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.)	14.0	Sodium Chloride	
Cyanides? (mg/L)	< 30	Bicarbonate	
Sulfides? (ppm)	< 200	Carbonate	
Specific Gravity	1.09	TDS	
Physical Description	Liquid	Resistivity	
Stream Consistency	(Yes) / No	Sulfate	
Oil in Sample	Yes (No)		
Temperature	63°F		
Conductivity	211.3 mS		
% Solids	11.9		
Turbidity	(Yes) No		
Color (visual)	Green		
TSS (%)	0.1		
Radiation Screen (as needed)	Negative		
Lab Signature			

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC
28470 Citrin Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002

Generator Waste Profile

Profile # 00759

GENERATOR INFORMATION

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

BILLING INFORMATION ☒ SAME AS ABOVE

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

WASTE INFORMATION

Name of Waste/Common Chemical Name:
SWMU Leachate

Process Generating Waste (Please be specific, incomplete information may delay the approval process):
Leachate
Non Hazardous leachate from Non-RCRA landfills

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: NA 029L

PHYSICAL CHARACTERISTICS OF WASTE

Color:	Suspended Solids	Layers:	Specific Gravity:	
☐ White/Clear ☒ Black/Brown ☐ Other ____	☒ 0-1 % ☐ 3-5 % ☐ 1-3 % ☐ > 5%	☐ Multi-Layered ☐ Bi-Layered ☒ Single Phase	☐ <0.8 ☐ 1.0 – 1.2 ☒ 0.8 – 1.0 ☐ 1.3 – 1.4 Exact / Other ____	acceptable 12.10.15

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 = 1.83 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	
Leachate		100	%				
			%				
			%				
			%				
			%				

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

	Not Present	Concentration		Not Present	Concentration
PCB	☒	[illegible] ppm	Aromatic Amine	☐	____ ppm
Dioxins	☐	____ ppm	Pesticides	☐	____ ppm
Cyanides Reactive	☒	____ ppm	Rodenticides	☐	____ ppm
Cyanides Total	☐	____ ppm	Fungicides	☐	____ ppm
Sulfides Reactive	☒	____ ppm			
Sulfides Total	☐	____ ppm			

Arsenic (As)	D004	☐	< 5 ppm	0.023 ppm
Barium (Ba)	D005	☐	<100 ppm	1.2 ppm
Cadmium (Cd)	D006	☐	< 1 ppm	<0.02 ppm
Chromium (Cr)	D007	☐	< 5 ppm	0.057 ppm
Lead (Pb)	D008	☐	< 5 ppm	0.0048 ppm
Mercury (Hg)	D009	☐	< 0.2 ppm	____ ppm
Selenium (Se)	D010	☐	< 1 ppm	<0.050 ppm
Silver (Ag)	D011	☐	< 5 ppm	<0.050 ppm

TCLP Organics D012 – D043 above regulatory limits: Present ☐ Not Present ☒

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

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

SHIPPING INFORMATION

1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? ☐Yes ☒No
2. Reportable Quantity (RQ) in pounds NA
3. DOT Shipping Name Not Regulated, Liquid, N.O.S. (Non Hazardous Leachate) Hazard Class NA UN/NA NA

PG NA ERG NA Hazardous Constituents for "n.o.s." ____

4. Method of Shipment: ☒Bulk Tanker ☐Vac truck ☐Rail Car ☐Drums ☐Totes
5. Number of Units to Ship Now: 12,500 gallons 6. Anticipated Volume / Units per Year: 400,000 gallons or ☐ One Time
6. Special Handling Requirements Including PPE: ____

CERTIFICATION STATEMENT

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

Printed Name: [redacted] Title: [redacted]

Generator's Signature: [redacted] Date: [redacted]

GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS:

PLEASE collect a representative 1-quart sample the waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative sample i 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-Technologie representative.

1. ____ SAMPLING METHOD 2. ____ COLLECTION POINT
3. ____ SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER
4. Sample No. ____ Preservation: Yes ☐ No ☐

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

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

ALS Environmental

09-Dec-2015

[redacted]

Re: **SWMU 6 Leachate**

Work Order: **1512291**

[redacted]

ALS Environmental received 3 samples on 04-Dec-2015 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 52.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Electronically approved by: Tom Beamish

Tom Beamish
Client Services Coordinator

Certificate No: OH: CL 103

Report of Laboratory Analysis

ADDRESS 3352 126th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185
ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

ALS Group USA, Corp

Date: 09-Dec-15

Client: [redacted]
Project:
Work Order:

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1512291-01	SWMU 6 Leachate	Water		12/02/15 13:25	12/04/15 09:30	☐
1512291-02	SWMU 6 Leachate	Tclp Extract		12/02/15 13:25	12/04/15 09:30	☐
1512291-03	Trip Blank	Water		12/02/15	12/04/15 09:30	☐

ALS Group USA, Corp

Date: 09-Dec-15

Client: [redacted]
Project:
WorkOrder:

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and PQL, sample results may exhibit background or reagent contamination at the observed level.

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
°F	Degrees Fahrenheit
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
s.u.	Standard Units

ALS Group USA, Corp

Date: *09-Dec-15*

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			Method:SW8082				Analyst: BLM
Aroclor 1016		U	0.000048	0.00020	mg/L	1	12/07/15 21:59
Aroclor 1221		U	0.000048	0.00020	mg/L	1	12/07/15 21:59
Aroclor 1232		U	0.000048	0.00020	mg/L	1	12/07/15 21:59
Aroclor 1242		U	0.000048	0.00020	mg/L	1	12/07/15 21:59
Aroclor 1248	0.00038		0.000048	0.00020	mg/L	1	12/07/15 21:59
Aroclor 1254	0.00021		0.000031	0.00020	mg/L	1	12/07/15 21:59
Aroclor 1260		U	0.000031	0.00020	mg/L	1	12/07/15 21:59
Surr: Decachlorobiphenyl	*40.0*			*40-110*	*%REC*	1	12/07/15 21:59
Surr: Tetrachloro-m-xylene	*45.0*			*40-110*	*%REC*	1	12/07/15 21:59
SEMI-VOLATILE ORGANIC COMPOUNDS			Method:SW8270C		Prep: SW3510 / 12/7/15		Analyst: RS
1,2,4,5-Tetrachlorobenzene		U	0.0028	0.0057	mg/L	1	12/08/15 01:12
1,2,4-Trichlorobenzene		U	0.00038	0.0011	mg/L	1	12/08/15 01:12
1,2-Dichlorobenzene		U	0.00038	0.0011	mg/L	1	12/08/15 01:12
1,3-Dichlorobenzene		U	0.00038	0.0011	mg/L	1	12/08/15 01:12
1,4-Dichlorobenzene		U	0.00047	0.0011	mg/L	1	12/08/15 01:12
1-Methylnaphthalene	0.017		0.000085	0.00011	mg/L	1	12/08/15 01:12
1-Naphthylamine		U	0.0019	0.0057	mg/L	1	12/08/15 01:12
2,3,4,6-Tetrachlorophenol		U	0.00027	0.0011	mg/L	1	12/08/15 01:12
2,4,5-Trichlorophenol		U	0.00033	0.0011	mg/L	1	12/08/15 01:12
2,4,6-Trichlorophenol		U	0.00028	0.0011	mg/L	1	12/08/15 01:12
2,4-Dichlorophenol		U	0.00019	0.0011	mg/L	1	12/08/15 01:12
2,4-Dimethylphenol	0.040		0.00020	0.0011	mg/L	1	12/08/15 01:12
2,4-Dinitrophenol		U	0.0017	0.0057	mg/L	1	12/08/15 01:12
2,4-Dinitrotoluene		U	0.00016	0.0011	mg/L	1	12/08/15 01:12
2,6-Dichlorophenol		U	0.00028	0.0011	mg/L	1	12/08/15 01:12
2,6-Dinitrotoluene		U	0.00023	0.0011	mg/L	1	12/08/15 01:12
2-Acetylaminofluorene		U	0.00049	0.0057	mg/L	1	12/08/15 01:12
2-Chloronaphthalene		U	0.000034	0.00011	mg/L	1	12/08/15 01:12
2-Chlorophenol		U	0.00033	0.0011	mg/L	1	12/08/15 01:12
2-Methylnaphthalene	0.014		0.00011	0.00011	mg/L	1	12/08/15 01:12
2-Methylphenol	0.013		0.00016	0.0011	mg/L	1	12/08/15 01:12
2-Naphthylamine		U	0.00084	0.0057	mg/L	1	12/08/15 01:12
2-Nitroaniline		U	0.00027	0.0011	mg/L	1	12/08/15 01:12
2-Nitrophenol		U	0.00031	0.0011	mg/L	1	12/08/15 01:12
2-Picoline		U	0.0016	0.0057	mg/L	1	12/08/15 01:12
3&4-Methylphenol	0.032		0.00027	0.0011	mg/L	1	12/08/15 01:12
3,3'-Dichlorobenzidine		U	0.00080	0.0057	mg/L	1	12/08/15 01:12
3-Methylcholanthrene		U	0.00058	0.0057	mg/L	1	12/08/15 01:12

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
3-Nitroaniline	U		0.00027	0.0011	mg/L	1	12/08/15 01:12
4,6-Dinitro-2-methylphenol	U		0.00014	0.0011	mg/L	1	12/08/15 01:12
4-Aminobiphenyl	U		0.0012	0.0057	mg/L	1	12/08/15 01:12
4-Bromophenyl phenyl ether	U		0.00033	0.0011	mg/L	1	12/08/15 01:12
4-Chloro-3-methylphenol	0.16		0.00091	0.0057	mg/L	5	12/09/15 09:29
4-Chloroaniline	U		0.00025	0.0011	mg/L	1	12/08/15 01:12
4-Chlorophenyl phenyl ether	U		0.00023	0.0011	mg/L	1	12/08/15 01:12
4-Nitroaniline	U		0.00015	0.0011	mg/L	1	12/08/15 01:12
4-Nitrophenol	U		0.00070	0.0057	mg/L	1	12/08/15 01:12
4-Nitroquinoline 1-oxide	U		0.0017	0.0057	mg/L	1	12/08/15 01:12
5-Nitro-o-toluidine	U		0.00074	0.0057	mg/L	1	12/08/15 01:12
7,12-Dimethylbenz(a)anthracene	U		0.00018	0.0011	mg/L	1	12/08/15 01:12
Acenaphthene	U		0.000047	0.00011	mg/L	1	12/08/15 01:12
Acenaphthylene	U		0.000044	0.00011	mg/L	1	12/08/15 01:12
Acetophenone	U		0.00042	0.0011	mg/L	1	12/08/15 01:12
Aniline	U		0.00038	0.0011	mg/L	1	12/08/15 01:12
Anthracene	0.0040		0.000032	0.00011	mg/L	1	12/08/15 01:12
Benzidine	U		0.0018	0.0057	mg/L	1	12/08/15 01:12
Benzo(a)anthracene	0.0030		0.000082	0.00011	mg/L	1	12/08/15 01:12
Benzo(a)pyrene	0.0016		0.000041	0.00011	mg/L	1	12/08/15 01:12
Benzo(b)fluoranthene	0.0022		0.000049	0.00011	mg/L	1	12/08/15 01:12
Benzo(g,h,i)perylene	0.00089		0.000080	0.00011	mg/L	1	12/08/15 01:12
Benzo(k)fluoranthene	0.00074		0.000070	0.00011	mg/L	1	12/08/15 01:12
Benzyl alcohol	U		0.00016	0.0011	mg/L	1	12/08/15 01:12
Bis(2-chloroethoxy)methane	U		0.00026	0.0011	mg/L	1	12/08/15 01:12
Bis(2-chloroethyl)ether	U		0.00018	0.0011	mg/L	1	12/08/15 01:12
Bis(2-chloroisopropyl)ether	U		0.00022	0.0011	mg/L	1	12/08/15 01:12
Bis(2-ethylhexyl)phthalate	0.018		0.00020	0.0011	mg/L	1	12/08/15 01:12
Butyl benzyl phthalate	U		0.00014	0.0011	mg/L	1	12/08/15 01:12
Carbazole	0.015		0.00014	0.0011	mg/L	1	12/08/15 01:12
Chrysene	0.0035		0.000048	0.00011	mg/L	1	12/08/15 01:12
Dibenzo(a,h)anthracene	U		0.000084	0.00011	mg/L	1	12/08/15 01:12
Dibenzofuran	U		0.00026	0.0011	mg/L	1	12/08/15 01:12
Diethyl phthalate	U		0.00019	0.0011	mg/L	1	12/08/15 01:12
Dimethyl phthalate	U		0.00017	0.0011	mg/L	1	12/08/15 01:12
Di-n-butyl phthalate	U		0.00017	0.0011	mg/L	1	12/08/15 01:12
Di-n-octyl phthalate	U		0.00017	0.0011	mg/L	1	12/08/15 01:12
Ethyl methanesulfonate	U		0.0012	0.0057	mg/L	1	12/08/15 01:12
Fluoranthene	0.0046		0.000053	0.00011	mg/L	1	12/08/15 01:12
Fluorene	0.0030		0.000041	0.00011	mg/L	1	12/08/15 01:12

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *09-Dec-15*

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Hexachlorobenzene	U		0.00026	0.0011	mg/L	1	12/08/15 01:12
Hexachlorobutadiene	U		0.00042	0.0011	mg/L	1	12/08/15 01:12
Hexachlorocyclopentadiene	U		0.00020	0.0011	mg/L	1	12/08/15 01:12
Hexachloroethane	U		0.00053	0.0011	mg/L	1	12/08/15 01:12
Indeno(1,2,3-cd)pyrene	0.00090		0.000073	0.00011	mg/L	1	12/08/15 01:12
Isophorone	U		0.00028	0.0057	mg/L	1	12/08/15 01:12
Isosafrole	U		0.0012	0.0057	mg/L	1	12/08/15 01:12
Methapyrilene	U		0.0018	0.0057	mg/L	1	12/08/15 01:12
Methyl methanesulfonate	U		0.00083	0.0057	mg/L	1	12/08/15 01:12
Naphthalene	0.048		0.000057	0.00011	mg/L	1	12/08/15 01:12
Nitrobenzene	U		0.00026	0.0011	mg/L	1	12/08/15 01:12
N-Nitrosodiethylamine	U		0.00020	0.0011	mg/L	1	12/08/15 01:12
N-Nitrosodimethylamine	U		0.00034	0.0011	mg/L	1	12/08/15 01:12
N-Nitroso-di-n-butylamine	U		0.00072	0.0011	mg/L	1	12/08/15 01:12
N-Nitrosodi-n-propylamine	U		0.00027	0.0011	mg/L	1	12/08/15 01:12
N-Nitrosomethylethylamine	U		0.00094	0.0057	mg/L	1	12/08/15 01:12
N-Nitrosomorpholine	U		0.00073	0.0057	mg/L	1	12/08/15 01:12
N-Nitrosopyrrolidine	U		0.00091	0.0057	mg/L	1	12/08/15 01:12
o-Toluidine	U		0.00099	0.0057	mg/L	1	12/08/15 01:12
p-Dimethylaminoazobenzene	U		0.0011	0.0057	mg/L	1	12/08/15 01:12
Pentachlorobenzene	U		0.0027	0.0057	mg/L	1	12/08/15 01:12
Pentachloronitrobenzene	U		0.0022	0.0057	mg/L	1	12/08/15 01:12
Pentachlorophenol	U		0.00059	0.0057	mg/L	1	12/08/15 01:12
Phenacetin	U		0.0019	0.0057	mg/L	1	12/08/15 01:12
Phenanthrene	0.013		0.000061	0.00011	mg/L	1	12/08/15 01:12
Phenol	0.021		0.00015	0.0011	mg/L	1	12/08/15 01:12
Pyrene	0.010		0.000078	0.00011	mg/L	1	12/08/15 01:12
Pyridine	0.0060	J	0.0034	0.011	mg/L	1	12/08/15 01:12
Safrole	U		0.0013	0.0057	mg/L	1	12/08/15 01:12
Surr: 2,4,6-Tribromophenol	*100*			*32-115*	*%REC*	1	12/08/15 01:12
Surr: 2-Fluorobiphenyl	*51.5*			*32-100*	*%REC*	1	12/08/15 01:12
Surr: 2-Fluorophenol	*50.8*			*22-59*	*%REC*	1	12/08/15 01:12
Surr: 4-Terphenyl-d14	*104*			*23-112*	*%REC*	1	12/08/15 01:12
Surr: Nitrobenzene-d5	*74.4*			*31-93*	*%REC*	1	12/08/15 01:12
Surr: Phenol-d6	*35.2*			*13-36*	*%REC*	1	12/08/15 01:12
VOLATILE ORGANIC COMPOUNDS			Method:SW8260B				Analyst: BG
1,1,1,2-Tetrachloroethane	U		0.00086	0.0050	mg/L	5	12/04/15 18:24
1,1,1-Trichloroethane	U		0.00098	0.0050	mg/L	5	12/04/15 18:24
1,1,2,2-Tetrachloroethane	U		0.0017	0.0050	mg/L	5	12/04/15 18:24

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: [redacted]
Project:
Sample ID:
Collection D

Work Order: 1512291
Lab ID: 1512291-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
1,1,2-Trichloroethane	U		0.0013	0.0050	mg/L	5	12/04/15 18:24
1,1-Dichloroethane	0.030		0.0011	0.0050	mg/L	5	12/04/15 18:24
1,1-Dichloroethene	U		0.0012	0.0050	mg/L	5	12/04/15 18:24
1,1-Dichloropropene	U		0.0016	0.0050	mg/L	5	12/04/15 18:24
1,2,3-Trichlorobenzene	U		0.0015	0.0050	mg/L	5	12/04/15 18:24
1,2,3-Trichloropropane	U		0.0020	0.0050	mg/L	5	12/04/15 18:24
1,2,4-Trichlorobenzene	U		0.00096	0.0050	mg/L	5	12/04/15 18:24
1,2,4-Trimethylbenzene	0.082		0.0012	0.0050	mg/L	5	12/04/15 18:24
1,2-Dibromo-3-chloropropane	U		0.0021	0.0050	mg/L	5	12/04/15 18:24
1,2-Dibromoethane	U		0.0017	0.0050	mg/L	5	12/04/15 18:24
1,2-Dichlorobenzene	U		0.0011	0.0050	mg/L	5	12/04/15 18:24
1,2-Dichloroethane	U		0.0013	0.0050	mg/L	5	12/04/15 18:24
1,2-Dichloropropane	U		0.0013	0.0050	mg/L	5	12/04/15 18:24
1,3,5-Trimethylbenzene	0.014		0.00066	0.0050	mg/L	5	12/04/15 18:24
1,3-Dichlorobenzene	U		0.0010	0.0050	mg/L	5	12/04/15 18:24
1,3-Dichloropropane	U		0.0012	0.0050	mg/L	5	12/04/15 18:24
1,4-Dichlorobenzene	U		0.0010	0.0050	mg/L	5	12/04/15 18:24
2,2-Dichloropropane	U		0.0010	0.0050	mg/L	5	12/04/15 18:24
2-Butanone	0.011	J	0.0043	0.025	mg/L	5	12/04/15 18:24
2-Chlorotoluene	U		0.00072	0.0050	mg/L	5	12/04/15 18:24
2-Hexanone	U		0.00076	0.0050	mg/L	5	12/04/15 18:24
4-Chlorotoluene	U		0.0011	0.0050	mg/L	5	12/04/15 18:24
4-Methyl-2-pentanone	0.0053		0.00074	0.0050	mg/L	5	12/04/15 18:24
Acetone	0.088		0.016	0.050	mg/L	5	12/04/15 18:24
Benzene	0.24		0.0013	0.0050	mg/L	5	12/04/15 18:24
Bromobenzene	U		0.00069	0.0050	mg/L	5	12/04/15 18:24
Bromochloromethane	U		0.0012	0.0050	mg/L	5	12/04/15 18:24
Bromodichloromethane	U		0.00080	0.0050	mg/L	5	12/04/15 18:24
Bromoform	U		0.00050	0.0050	mg/L	5	12/04/15 18:24
Bromomethane	U		0.0050	0.0050	mg/L	5	12/04/15 18:24
Carbon disulfide	0.0022	J	0.0013	0.0050	mg/L	5	12/04/15 18:24
Carbon tetrachloride	U		0.00069	0.0050	mg/L	5	12/04/15 18:24
Chlorobenzene	0.0029	J	0.00094	0.0050	mg/L	5	12/04/15 18:24
Chloroethane	0.41		0.0011	0.0050	mg/L	5	12/04/15 18:24
Chloroform	U		0.0012	0.0050	mg/L	5	12/04/15 18:24
Chloromethane	U		0.0013	0.0050	mg/L	5	12/04/15 18:24
cis-1,2-Dichloroethene	U		0.0012	0.0050	mg/L	5	12/04/15 18:24
cis-1,3-Dichloropropene	U		0.0012	0.0050	mg/L	5	12/04/15 18:24
Dibromochloromethane	U		0.00083	0.0050	mg/L	5	12/04/15 18:24
Dibromomethane	U		0.0012	0.0050	mg/L	5	12/04/15 18:24

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	U		0.0020	0.0050	mg/L	5	12/04/15 18:24
Ethylbenzene	0.042		0.0011	0.0050	mg/L	5	12/04/15 18:24
Hexachlorobutadiene	U		0.0020	0.0050	mg/L	5	12/04/15 18:24
Isopropylbenzene	0.0040	J	0.0013	0.0050	mg/L	5	12/04/15 18:24
m,p-Xylene	0.067		0.0020	0.010	mg/L	5	12/04/15 18:24
Methyl tert-butyl ether	U		0.00059	0.0050	mg/L	5	12/04/15 18:24
Methylene chloride	0.0040	J	0.0032	0.025	mg/L	5	12/04/15 18:24
Naphthalene	0.21		0.0038	0.025	mg/L	5	12/04/15 18:24
n-Butylbenzene	U		0.00092	0.0050	mg/L	5	12/04/15 18:24
n-Propylbenzene	0.0081		0.00080	0.0050	mg/L	5	12/04/15 18:24
o-Xylene	0.032		0.0011	0.0050	mg/L	5	12/04/15 18:24
p-Isopropyltoluene	0.0047	J	0.0011	0.0050	mg/L	5	12/04/15 18:24
sec-Butylbenzene	U		0.00068	0.0050	mg/L	5	12/04/15 18:24
Styrene	U		0.00088	0.0050	mg/L	5	12/04/15 18:24
tert-Butylbenzene	U		0.00068	0.0050	mg/L	5	12/04/15 18:24
Tetrachloroethene	U		0.0012	0.0050	mg/L	5	12/04/15 18:24
Toluene	0.042		0.00098	0.0050	mg/L	5	12/04/15 18:24
trans-1,2-Dichloroethene	U		0.0014	0.0050	mg/L	5	12/04/15 18:24
trans-1,3-Dichloropropene	U		0.00094	0.0050	mg/L	5	12/04/15 18:24
Trichloroethene	U		0.0017	0.0050	mg/L	5	12/04/15 18:24
Trichlorofluoromethane	U		0.0019	0.0050	mg/L	5	12/04/15 18:24
Vinyl chloride	U		0.00095	0.0050	mg/L	5	12/04/15 18:24
Xylenes, Total	0.099		0.0031	0.015	mg/L	5	12/04/15 18:24
Surr: 1,2-Dichloroethane-d4	*96.2*			*75-120*	*%REC*	5	12/04/15 18:24
Surr: 4-Bromofluorobenzene	*99.8*			*80-110*	*%REC*	5	12/04/15 18:24
Surr: Dibromofluoromethane	*92.0*			*85-115*	*%REC*	5	12/04/15 18:24
Surr: Toluene-d8	*99.6*			*85-110*	*%REC*	5	12/04/15 18:24
CYANIDE, REACTIVE		Method:SW7.3.3.2					Analyst: TVD
Cyanide, Reactive	U		23	100	mg/Kg	1	12/07/15 16:02
FLASHPOINT/IGNITABILITY ANALYSIS		Method:SW1010A					Analyst: LW
Flashpoint/Ignitability	>200		0		°F	1	12/04/15 09:50
PH (LABORATORY)		Method:SW9040C					Analyst: ED
pH (laboratory)	7.87		0		s.u.	1	12/04/15 14:30
SULFIDE, REACTIVE		Method:SW7.3.4.2					Analyst: TVD
Sulfide, Reactive	U		52	100	mg/Kg	1	12/07/15 14:50

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp Date: *09-Dec-15*

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA			Method:SW7470A		Prep: SW7470 / 12/7/15		Analyst: LR
Mercury	U		0.00018	0.0020	mg/L	1	12/07/15 21:52
METALS BY ICP-MS			Method:SW6020A		Prep: SW3005A / 12/7/15		Analyst: RH
Antimony	0.0031	J	0.0010	0.050	mg/L	1	12/07/15 13:35
Arsenic	0.023	J	0.0070	0.050	mg/L	1	12/07/15 13:35
Barium	1.2		0.0020	0.050	mg/L	1	12/07/15 13:35
Beryllium	U		0.0020	0.020	mg/L	1	12/07/15 13:35
Cadmium	U		0.0010	0.020	mg/L	1	12/07/15 13:35
Chromium	0.057		0.0010	0.050	mg/L	1	12/07/15 13:35
Lead	0.0048	J	0.0010	0.050	mg/L	1	12/07/15 13:35
Nickel	0.14		0.0040	0.050	mg/L	1	12/07/15 13:35
Selenium	U		0.010	0.050	mg/L	1	12/07/15 13:35
Silver	U		0.0010	0.050	mg/L	1	12/07/15 13:35
Thallium	U		0.0040	0.050	mg/L	1	12/07/15 13:35
TCLP SEMI-VOLATILE ORGANICS			Method:SW8270		Prep: SW3510 / 12/7/15		Analyst: RS
1,4-Dichlorobenzene	U		0.0082	0.10	mg/L	1	12/08/15 01:32
2,4,5-Trichlorophenol	U		0.0058	0.10	mg/L	1	12/08/15 01:32
2,4,6-Trichlorophenol	U		0.0050	0.10	mg/L	1	12/08/15 01:32
2,4-Dinitrotoluene	U		0.0026	0.10	mg/L	1	12/08/15 01:32
Hexachloro-1,3-butadiene	U		0.0074	0.10	mg/L	1	12/08/15 01:32
Hexachlorobenzene	U		0.0046	0.10	mg/L	1	12/08/15 01:32
Hexachloroethane	U		0.0094	0.10	mg/L	1	12/08/15 01:32
m-Cresol	0.078	J	0.0048	0.10	mg/L	1	12/08/15 01:32
Nitrobenzene	U		0.0046	0.10	mg/L	1	12/08/15 01:32
o-Cresol	0.019	J	0.0028	0.10	mg/L	1	12/08/15 01:32
p-Cresol	0.079	J	0.0048	0.10	mg/L	1	12/08/15 01:32
Pentachlorophenol	U		0.010	0.40	mg/L	1	12/08/15 01:32
Pyridine	U		0.061	0.40	mg/L	1	12/08/15 01:32
Surr: 2,4,6-Tribromophenol	*94.6*			*38-115*	*%REC*	1	12/08/15 01:32
Surr: 2-Fluorobiphenyl	*73.2*			*32-100*	*%REC*	1	12/08/15 01:32
Surr: 2-Fluorophenol	*42.3*			*22-59*	*%REC*	1	12/08/15 01:32
Surr: 4-Terphenyl-d14	*79.7*			*23-112*	*%REC*	1	12/08/15 01:32
Surr: Nitrobenzene-d5	*71.4*			*31-93*	*%REC*	1	12/08/15 01:32
Surr: Phenol-d6	*29.0*			*13-36*	*%REC*	1	12/08/15 01:32
TCLP VOLATILE ORGANICS			Method:SW8260B		Leachate: SW1311 / 12/4/15 Prep: SW1311 / 12/4/15		Analyst: LSY
1,1-Dichloroethene	U		0.0047	0.020	mg/L	20	12/04/15 15:17
1,2-Dichloroethane	U		0.0053	0.020	mg/L	20	12/04/15 15:17

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *09-Dec-15*

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-02
Matrix: TCLP EXTRACT

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone		U	0.017	0.10	mg/L	20	12/04/15 15:17
Benzene	[redacted]		0.0050	0.020	mg/L	20	12/04/15 15:17
Carbon tetrachloride		U	0.0028	0.020	mg/L	20	12/04/15 15:17
Chlorobenzene		U	0.0037	0.020	mg/L	20	12/04/15 15:17
Chloroform		U	0.0049	0.020	mg/L	20	12/04/15 15:17
Tetrachloroethene		U	0.0049	0.020	mg/L	20	12/04/15 15:17
Trichloroethene		U	0.0069	0.020	mg/L	20	12/04/15 15:17
Vinyl chloride		U	0.0038	0.020	mg/L	20	12/04/15 15:17
Surr: 1,2-Dichloroethane-d4	*97.5*			*70-130*	*%REC*	20	12/04/15 15:17
Surr: 4-Bromofluorobenzene	*90.0*			*70-130*	*%REC*	20	12/04/15 15:17
Surr: Dibromofluoromethane	*96.0*			*70-130*	*%REC*	20	12/04/15 15:17
Surr: Toluene-d8	*95.4*			*70-130*	*%REC*	20	12/04/15 15:17

Still under 0.50 ppm limit!

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *09-Dec-15*

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: LSY
1,1,1,2-Tetrachloroethane	U		0.00017	0.0010	mg/L	1	12/04/15 16:41
1,1,1-Trichloroethane	U		0.00019	0.0010	mg/L	1	12/04/15 16:41
1,1,2,2-Tetrachloroethane	U		0.00034	0.0010	mg/L	1	12/04/15 16:41
1,1,2-Trichloroethane	U		0.00026	0.0010	mg/L	1	12/04/15 16:41
1,1-Dichloroethane	U		0.00021	0.0010	mg/L	1	12/04/15 16:41
1,1-Dichloroethene	U		0.00024	0.0010	mg/L	1	12/04/15 16:41
1,1-Dichloropropene	U		0.00032	0.0010	mg/L	1	12/04/15 16:41
1,2,3-Trichlorobenzene	U		0.00030	0.0010	mg/L	1	12/04/15 16:41
1,2,3-Trichloropropane	U		0.00041	0.0010	mg/L	1	12/04/15 16:41
1,2,4-Trichlorobenzene	U		0.00019	0.0010	mg/L	1	12/04/15 16:41
1,2,4-Trimethylbenzene	U		0.00023	0.0010	mg/L	1	12/04/15 16:41
1,2-Dibromo-3-chloropropane	U		0.00042	0.0010	mg/L	1	12/04/15 16:41
1,2-Dibromoethane	U		0.00034	0.0010	mg/L	1	12/04/15 16:41
1,2-Dichlorobenzene	U		0.00022	0.0010	mg/L	1	12/04/15 16:41
1,2-Dichloroethane	U		0.00026	0.0010	mg/L	1	12/04/15 16:41
1,2-Dichloropropane	U		0.00026	0.0010	mg/L	1	12/04/15 16:41
1,3,5-Trimethylbenzene	U		0.00013	0.0010	mg/L	1	12/04/15 16:41
1,3-Dichlorobenzene	U		0.00021	0.0010	mg/L	1	12/04/15 16:41
1,3-Dichloropropane	U		0.00024	0.0010	mg/L	1	12/04/15 16:41
1,4-Dichlorobenzene	U		0.00020	0.0010	mg/L	1	12/04/15 16:41
2,2-Dichloropropane	U		0.00020	0.0010	mg/L	1	12/04/15 16:41
2-Butanone	U		0.00067	0.0050	mg/L	1	12/04/15 16:41
2-Chlorotoluene	U		0.00014	0.0010	mg/L	1	12/04/15 16:41
2-Hexanone	U		0.00015	0.0010	mg/L	1	12/04/15 16:41
4-Chlorotoluene	U		0.00023	0.0010	mg/L	1	12/04/15 16:41
4-Methyl-2-pentanone	U		0.00015	0.0010	mg/L	1	12/04/15 16:41
Acetone	U		0.0031	0.010	mg/L	1	12/04/15 16:41
Benzene	U		0.00025	0.0010	mg/L	1	12/04/15 16:41
Bromobenzene	U		0.00018	0.0010	mg/L	1	12/04/15 16:41
Bromochloromethane	U		0.00024	0.0010	mg/L	1	12/04/15 16:41
Bromodichloromethane	U		0.00016	0.0010	mg/L	1	12/04/15 16:41
Bromoform	U		0.000099	0.0010	mg/L	1	12/04/15 16:41
Bromomethane	U		0.0010	0.0010	mg/L	1	12/04/15 16:41
Carbon disulfide	U		0.00026	0.0010	mg/L	1	12/04/15 16:41
Carbon tetrachloride	U		0.00014	0.0010	mg/L	1	12/04/15 16:41
Chlorobenzene	U		0.00019	0.0010	mg/L	1	12/04/15 16:41
Chloroethane	U		0.00021	0.0010	mg/L	1	12/04/15 16:41
Chloroform	0.0010		0.00025	0.0010	mg/L	1	12/04/15 16:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: [redacted]
Project:
Sample ID:
Collection Date:

Work Order: 1512291
Lab ID: 1512291-03
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	U		0.00025	0.0010	mg/L	1	12/04/15 16:41
cis-1,2-Dichloroethene	U		0.00026	0.0010	mg/L	1	12/04/15 16:41
cis-1,3-Dichloropropene	U		0.00024	0.0010	mg/L	1	12/04/15 16:41
Dibromochloromethane	U		0.00017	0.0010	mg/L	1	12/04/15 16:41
Dibromomethane	U		0.00025	0.0010	mg/L	1	12/04/15 16:41
Dichlorodifluoromethane	U		0.00041	0.0010	mg/L	1	12/04/15 16:41
Ethylbenzene	U		0.00022	0.0010	mg/L	1	12/04/15 16:41
Hexachlorobutadiene	U		0.00040	0.0010	mg/L	1	12/04/15 16:41
Isopropylbenzene	U		0.00025	0.0010	mg/L	1	12/04/15 16:41
m,p-Xylene	U		0.00040	0.0020	mg/L	1	12/04/15 16:41
Methyl tert-butyl ether	U		0.00012	0.0010	mg/L	1	12/04/15 16:41
Methylene chloride	U		0.00064	0.0050	mg/L	1	12/04/15 16:41
Naphthalene	U		0.00076	0.0050	mg/L	1	12/04/15 16:41
n-Butylbenzene	U		0.00018	0.0010	mg/L	1	12/04/15 16:41
n-Propylbenzene	U		0.00016	0.0010	mg/L	1	12/04/15 16:41
o-Xylene	U		0.00021	0.0010	mg/L	1	12/04/15 16:41
p-Isopropyltoluene	U		0.00022	0.0010	mg/L	1	12/04/15 16:41
sec-Butylbenzene	U		0.00014	0.0010	mg/L	1	12/04/15 16:41
Styrene	U		0.00018	0.0010	mg/L	1	12/04/15 16:41
tert-Butylbenzene	U		0.00018	0.0010	mg/L	1	12/04/15 16:41
Tetrachloroethene	U		0.00025	0.0010	mg/L	1	12/04/15 16:41
Toluene	U		0.00020	0.0010	mg/L	1	12/04/15 16:41
trans-1,2-Dichloroethene	U		0.00029	0.0010	mg/L	1	12/04/15 16:41
trans-1,3-Dichloropropene	U		0.00019	0.0010	mg/L	1	12/04/15 16:41
Trichloroethene	U		0.00034	0.0010	mg/L	1	12/04/15 16:41
Trichlorofluoromethane	U		0.00039	0.0010	mg/L	1	12/04/15 16:41
Vinyl chloride	U		0.00019	0.0010	mg/L	1	12/04/15 16:41
Xylenes, Total	U		0.00062	0.0030	mg/L	1	12/04/15 16:41
Surr: 1,2-Dichloroethane-d4	*99.8*			*75-120*	*%REC*	1	12/04/15 16:41
Surr: 4-Bromofluorobenzene	*91.4*			*80-110*	*%REC*	1	12/04/15 16:41
Surr: Dibromofluoromethane	*95.9*			*85-115*	*%REC*	1	12/04/15 16:41
Surr: Toluene-d8	*94.8*			*85-110*	*%REC*	1	12/04/15 16:41

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Client: [redacted]

Work Order:

Project:

Date: 09-Dec-15

QC BATCH REPORT

Batch ID: 79854A **Instrument ID** GC12 **Method:** SW8082

MBLK	Sample ID: PBLKW1-79854-79854A			Units: µg/L			Analysis Date: 12/07/15 08:55 PM
Client ID:	Run ID: GC12_151207A			SeqNo: 3608154	Prep Date: 12/07/15		DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.20								
Aroclor 1221	U	0.20								
Aroclor 1232	U	0.20								
Aroclor 1242	U	0.20								
Aroclor 1248	U	0.20								
Aroclor 1254	U	0.20								
Aroclor 1260	U	0.20								
Surr: Decachlorobiphenyl	*0.066*	0	*0.1*	0	*88*	*40-110*	0			
Surr: Tetrachloro-m-xylene	*0.066*	0	*0.1*	0	*65*	*40-110*	0			

LCS	Sample ID: PLCSW1-79854-79854A			Units: µg/L			Analysis Date: 12/07/15 07:11 PM
Client ID:	Run ID: GC12_151207A			SeqNo: 3608155	Prep Date: 12/07/15		DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	*1.828*	0.20	*2.5*	0	*73.1*	*50-130*	0			
Aroclor 1260	2.017	0.20	2.5	0	80.7	50-130	0			
Surr: Decachlorobiphenyl	*0.084*	0	*0.1*	0	*84*	*40-110*	0			
Surr: Tetrachloro-m-xylene	*0.07*	0	*0.1*	0	*70*	*40-110*	0			

MS	Sample ID: 1512316-01G MS			Units: µg/L			Analysis Date: 12/07/15 08:59 PM
Client ID:	Run ID: GC12_151207A			SeqNo: 3608157	Prep Date: 12/07/15		DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1.622	0.20	2.5	0	64.9	40-140	0			
Aroclor 1260	1.758	0.20	2.5	0	70.3	40-140	0			
Surr: Decachlorobiphenyl	*0.074*	0	*0.1*	0	*74*	*40-110*	0			
Surr: Tetrachloro-m-xylene	*0.063*	0	*0.1*	0	*63*	*40-110*	0			

MSD	Sample ID: 1512316-01G MSD			Units: µg/L			Analysis Date: 12/07/15 09:13 PM
Client ID:	Run ID: GC12_151207A			SeqNo: 3608158	Prep Date: 12/07/15		DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1.597	0.20	2.5	0	63.9	40-140	1.622	1.55	50	
Aroclor 1260	1.78	0.20	2.5	0	71.2	40-140	1.758	1.24	50	
Surr: Decachlorobiphenyl	*0.077*	0	*0.1*	0	*77*	*40-110*	0.074	*3.97*	*50*	
Surr: Tetrachloro-m-xylene	*0.048*	0	*0.1*	0	*48*	*40-110*	0.063	*27*	*50*	

The following samples were analyzed in this batch: 1512291-01C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order: [redacted]
Project: [redacted]

QC BATCH REPORT

Batch ID: 79906 Instrument ID HG1 Method: SW7470A

MBLK	Sample ID: MBLK-79906-79906				Units: mg/L			Analysis Date: 12/07/15 09:03 PM			
Client ID:	Run ID: HG1_151207A				SeqNo: 3607967	Prep Date: 12/07/15		DF: 1			
Analyte	Result	POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	U	0.00020									

LCS	Sample ID: LCS-79906-79906				Units: mg/L			Analysis Date: 12/07/15 09:06 PM			
Client ID:	Run ID: HG1_151207A				SeqNo: 3607968	Prep Date: 12/07/15		DF: 1			
Analyte	Result	POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.00191	0.00020	0.002	0	95.5	80-120	0				

MS	Sample ID: 1512289-02AMS				Units: mg/L			Analysis Date: 12/07/15 09:35 PM			
Client ID:	Run ID: HG1_151207A				SeqNo: 3607997	Prep Date: 12/07/15		DF: 1			
Analyte	Result	POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.0211	0.0020	0.02	-0.00007	106	75-125	0				

MSD	Sample ID: 1512289-02AMSD				Units: mg/L			Analysis Date: 12/07/15 09:45 PM			
Client ID:	Run ID: HG1_151207A				SeqNo: 3608001	Prep Date: 12/07/15		DF: 1			
Analyte	Result	POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.0202	0.0020	0.02	-0.00007	101	75-125	0.0211	4.36	20		

The following samples were analyzed in this batch: 1512291-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order: [redacted]
Project: [redacted]

QC BATCH REPORT

Batch ID: 79865 Instrument ID ICPMS2 Method: SW6020A

MBLK Sample ID: MBLK-79865-79865
Client ID: Run ID: ICPMS2_151207A Units: mg/L Analysis Date: 12/07/15 01:10 PM
SeqNo: 3606831 Prep Date: 12/07/15 DF: 1

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	U		0.0050								
Arsenic	U		0.0050								
Barium	U		0.0050								
Beryllium	U		0.0020								
Cadmium	U		0.0020								
Chromium	U		0.0050								
Lead	U		0.0050								
Nickel	U		0.0050								
Selenium	U		0.0050								
Silver	U		0.0050								
Thallium	U		0.0050								

LCS Sample ID: LCS-79865-79865
Client ID: Run ID: ICPMS2_151207A Units: mg/L Analysis Date: 12/07/15 01:15 PM
SeqNo: 3606832 Prep Date: 12/07/15 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.1066	0.0050	0.1	0	107	80-120	0			
Arsenic	0.09952	0.0050	0.1	0	99.5	80-120	0			
Barium	0.1012	0.0050	0.1	0	101	80-120	0			
Beryllium	0.09868	0.0020	0.1	0	98.7	80-120	0			
Cadmium	0.1015	0.0020	0.1	0	102	80-120	0			
Chromium	0.1003	0.0050	0.1	0	100	80-120	0			
Lead	0.1026	0.0050	0.1	0	103	80-120	0			
Nickel	0.09733	0.0050	0.1	0	97.3	80-120	0			
Selenium	0.1007	0.0050	0.1	0	101	80-120	0			
Silver	0.1031	0.0050	0.1	0	103	80-120	0			
Thallium	0.09763	0.0050	0.1	0	97.6	80-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79855 Instrument ID ICPMS2 Method: SW6020A

MS Sample ID: 1512290-08BMS
Client ID: Run ID: ICPMS2_151207A Units: mg/L Analysis Date: 12/07/15 01:25 PM
SeqNo: 3606834 Prep Date: 12/07/15 DF: 1

Analyte	Result	POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.1098	0.0050	0.1	0.000207	109	75-125	0			
Arsenic	0.102	0.0050	0.1	0.0006921	101	75-125	0			
Barium	0.1756	0.0050	0.1	0.0718	104	75-125	0			
Beryllium	0.0951	0.0020	0.1	0.00004915	95.1	75-125	0			
Cadmium	0.1027	0.0020	0.1	0.00001243	103	75-125	0			
Chromium	0.1013	0.0050	0.1	0.000957	100	75-125	0			
Lead	0.105	0.0050	0.1	0.0004568	105	75-125	0			
Nickel	0.09775	0.0050	0.1	0.004031	93.7	75-125	0			
Selenium	0.1013	0.0050	0.1	0.000371	101	75-125	0			
Silver	0.103	0.0050	0.1	0.0000398	103	75-125	0			
Thallium	0.09947	0.0050	0.1	0.0001147	99.4	75-125	0			

MSD 1 Sample ID: 1512290-08BMSD
Client ID: Run ID: ICPMS2_151207A Units: mg/L Analysis Date: 12/07/15 01:30 PM
SeqNo: 3606835 Prep Date: 12/07/15 DF: 1

Analyte	Result	POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	0.1094	0.0050	0.1	0.000207	109	75-125	0.1098	0.183	20	
Arsenic	0.1012	0.0050	0.1	0.0006921	100	75-125	0.102	0.787	20	
Barium	0.1751	0.0050	0.1	0.0718	103	75-125	0.1756	0.285	20	
Beryllium	0.09502	0.0020	0.1	0.00004915	95	75-125	0.0951	0.0842	20	
Cadmium	0.1021	0.0020	0.1	0.00001243	102	75-125	0.1027	0.586	20	
Chromium	0.1003	0.0050	0.1	0.000957	99.3	75-125	0.1013	0.992	20	
Lead	0.1057	0.0050	0.1	0.0004568	105	75-125	0.105	0.664	20	
Nickel	0.09821	0.0050	0.1	0.004031	92.2	75-125	0.09775	1.59	20	
Selenium	0.09897	0.0050	0.1	0.000371	98.6	75-125	0.1013	4.37	20	
Silver	0.1023	0.0050	0.1	0.0000398	102	75-125	0.103	0.682	20	
Thallium	0.09951	0.0050	0.1	0.0001147	99.4	75-125	0.09947	0.0402	20	

The following samples were analyzed in this batch: 1512291-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

MBLK Sample ID: SBLKW1-79848-79848 Units: ug/L Analysis Date: 12/07/15 07:67 PM
Client ID: Run ID: SVMS6_151207A SeqNo: 3509278 Prep Date: 12/07/15 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	U	10								
1,2,4-Trichlorobenzene	U	5.0								
1,2-Dichlorobenzene	U	5.0								
1,3-Dichlorobenzene	U	5.0								
1,4-Dichlorobenzene	U	5.0								
1-Methylnaphthalene	U	5.0								
1-Naphthylamine	U	10								
2,3,4,6-Tetrachlorophenol	U	5.0								
2,4,5-Trichlorophenol	U	5.0								
2,4,6-Trichlorophenol	U	5.0								
2,4-Dichlorophenol	U	5.0								
2,4-Dimethylphenol	U	5.0								
2,4-Dinitrophenol	U	5.0								
2,4-Dinitrotoluene	U	5.0								
2,6-Dichlorophenol	U	5.0								
2,6-Dinitrotoluene	U	5.0								
2-Acetylaminofluorene	U	5.0								
2-Chloronaphthalene	U	5.0								
2-Chlorophenol	U	5.0								
2-Methylnaphthalene	U	5.0								
2-Methylphenol	U	5.0								
2-Naphthylamine	U	10								
2-Nitroaniline	U	5.0								
2-Nitrophenol	U	5.0								
2-Picoline	U	10								
3&4-Methylphenol	U	5.0								
3,3'-Dichlorobenzidine	U	5.0								
3-Methylcholanthrene	U	5.0								
3-Nitroaniline	U	5.0								
4,6-Dinitro-2-methylphenol	U	5.0								
4-Aminobiphenyl	U	10								
4-Bromophenyl phenyl ether	U	5.0								
4-Chloro-3-methylphenol	U	5.0								
4-Chloroaniline	U	5.0								
4-Chlorophenyl phenyl ether	U	5.0								
4-Nitroaniline	U	5.0								
4-Nitrophenol	U	5.0								
4-Nitroquinoline 1-oxide	U	10								
5-Nitro-o-toluidine	U	5.0								
7,12-Dimethylbenz(a)anthracene	U	5.0								
Acenaphthene	U	5.0								
Acenaphthylene	U	5.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

Acetophenone	U	1.0	
Aniline	U	5.0	
Anthracene	U	5.0	
Benzidine	U	10	
Benzo(a)anthracene	U	5.0	
Benzo(a)pyrene	U	5.0	
Benzo(b)fluoranthene	U	5.0	
Benzo(g,h,i)perylene	U	5.0	
Benzo(k)fluoranthene	U	5.0	
Benzyl alcohol	U	5.0	
Bis(2-chloroethoxy)methane	U	5.0	
Bis(2-chloroethyl)ether	U	5.0	
Bis(2-chloroisopropyl)ether	U	5.0	
Bis(2-ethylhexyl)phthalate	U	5.0	
Butyl benzyl phthalate	U	5.0	
Carbazole	U	5.0	
Chrysene	U	5.0	
Dibenzo(a,h)anthracene	U	5.0	
Dibenzofuran	U	5.0	
Diethyl phthalate	0.78	5.0	J
Dimethyl phthalate	U	5.0	
Di-n-butyl phthalate	U	5.0	
Di-n-octyl phthalate	U	5.0	
Ethyl methanesulfonate	U	5.0	
Fluoranthene	U	5.0	
Fluorene	U	5.0	
Hexachlorobenzene	U	5.0	
Hexachlorobutadiene	U	5.0	
Hexachlorocyclopentadiene	U	5.0	
Hexachloroethane	U	5.0	
Indeno(1,2,3-cd)pyrene	U	5.0	
Isophorone	U	5.0	
Isosafrole	U	10	
Methapyrilene	U	10	
Methyl methanesulfonate	U	10	
Naphthalene	U	5.0	
Nitrobenzene	U	5.0	
N-Nitrosodiethylamine	U	5.0	
N-Nitrosodimethylamine	U	5.0	
N-Nitroso-di-n-butylamine	U	5.0	
N-Nitrosodi-n-propylamine	U	5.0	
N-Nitrosomethylethylamine	U	5.0	
N-Nitrosomorpholine	U	5.0	
N-Nitrosopyrrolidine	U	5.0	
o-Toluidine	U	10	
p-Dimethylaminoazobenzene	U	5.0	
Pentachlorobenzene	U	20	
Pentachloronitrobenzene	U	10	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

Pentachlorophenol	U	5.0					
Phenacetin	U	5.0					
Phenanthrene	U	5.0					
Phenol	U	5.0					
Pyrene	U	5.0					
Pyridine	U	10					
Safrole	U	10					
Surr: 2,4,6-Tribromophenol	*31.97*	0	*50*	0	*63.9*	*38-115*	0
Surr: 2-Fluorobiphenyl	*34.76*	0	*50*	0	*69.5*	*32-100*	0
Surr: 2-Fluorophenol	*20.74*	0	*50*	0	*41.5*	*22-59*	0
Surr: 4-Terphenyl-d14	*41.22*	0	*50*	0	*82.4*	*23-112*	0
Surr: Nitrobenzene-d5	*34.21*	0	*50*	0	*68.4*	*31-93*	0
Surr: Phenol-d6	*12.86*	0	*50*	0	*25.7*	*13-36*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order: [redacted]
Project: [redacted]

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

LCS Sample ID: SLCSW1-79848-79848

Client ID: Run ID: SVMS6_151207A Units: ug/L Analysis Date: 12/07/15 08:16 PM

Seq No: 3609280 Prep Date: 12/07/15 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	13.51	10	20	0	67.6	30-120	0			
1,2,4-Trichlorobenzene	14.27	5.0	20	0	71.4	35-105	0			
1,2-Dichlorobenzene	13.43	5.0	20	0	67.2	35-100	0			
1,3-Dichlorobenzene	13.36	5.0	20	0	66.8	30-100	0			
1,4-Dichlorobenzene	13.56	5.0	20	0	67.8	30-100	0			
1-Methylnaphthalene	13.38	5.0	20	0	66.9	30-100	0			
2,3,4,6-Tetrachlorophenol	15.08	5.0	20	0	75.4	50-130	0			
2,4,5-Trichlorophenol	15.24	5.0	20	0	76.2	50-110	0			
2,4,6-Trichlorophenol	13.13	5.0	20	0	65.6	50-115	0			
2,4-Dichlorophenol	13.93	5.0	20	0	69.6	50-105	0			
2,4-Dimethylphenol	12.42	5.0	20	0	62.1	30-110	0			
2,4-Dinitrophenol	10.69	5.0	20	0	53.4	15-140	0			
2,4-Dinitrotoluene	14.21	5.0	20	0	71	50-120	0			
2,6-Dichlorophenol	13.25	5.0	20	0	66.2	50-105	0			
2,6-Dinitrotoluene	14.21	5.0	20	0	71	50-115	0			
2-Chloronaphthalene	14.73	5.0	20	0	73.6	50-105	0			
2-Chlorophenol	13.28	5.0	20	0	66.4	35-105	0			
2-Methylnaphthalene	13.58	5.0	20	0	67.9	45-105	0			
2-Methylphenol	11.26	5.0	20	0	56.3	40-110	0			
2-Nitroaniline	14.29	5.0	20	0	71.4	50-115	0			
2-Nitrophenol	12.81	5.0	20	0	64	40-115	0			
3&4-Methylphenol	9.79	5.0	20	0	49	30-110	0			
3,3'-Dichlorobenzidine	14.11	5.0	20	0	70.6	30-120	0			
3-Nitroaniline	13.6	5.0	20	0	68	20-125	0			
4,6-Dinitro-2-methylphenol	12.81	5.0	20	0	64	40-130	0			
4-Bromophenyl phenyl ether	16.86	5.0	20	0	84.3	50-115	0			
4-Chloro-3-methylphenol	13.57	5.0	20	0	67.8	45-110	0			
4-Chloroaniline	14.02	5.0	20	0	70.1	15-110	0			
4-Chlorophenyl phenyl ether	15.3	5.0	20	0	76.5	50-110	0			
4-Nitroaniline	13.07	5.0	20	0	65.4	35-150	0			
4-Nitrophenol	5.04	5.0	20	0	25.2	10-55	0			
Acenaphthene	14.9	5.0	20	0	74.5	45-110	0			
Acenaphthylene	15.13	5.0	20	0	75.6	50-105	0			
Acetophenone	13.39	1.0	20	0	67	30-120	0			
Aniline	14.24	5.0	20	0	71.2	45-135	0			
Anthracene	15.46	5.0	20	0	77.3	55-110	0			
Benzo(a)anthracene	15.86	5.0	20	0	79.3	55-110	0			
Benzo(a)pyrene	15.34	5.0	20	0	76.7	55-110	0			
Benzo(b)fluoranthene	15.46	5.0	20	0	77.3	45-120	0			
Benzo(g,h,i)perylene	15.57	5.0	20	0	77.8	40-125	0			
Benzo(k)fluoranthene	15.95	5.0	20	0	79.8	45-125	0			
Benzyl alcohol	11.85	5.0	20	0	59.2	30-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

Bis(2-chloroethoxy)methane	14.47	5.0	20	0	72.4	45-105	0	
Bis(2-chloroethyl)ether	13.2	5.0	20	0	66	35-110	0	
Bis(2-chloroisopropyl)ether	13.4	5.0	20	0	67	25-130	0	
Bis(2-ethylhexyl)phthalate	15.36	5.0	20	0	76.8	40-125	0	
Butyl benzyl phthalate	15.41	5.0	20	0	77	45-115	0	
Carbazole	15.82	5.0	20	0	79.1	50-150	0	
Chrysene	16.57	5.0	20	0	82.8	55-110	0	
Dibenzo(a,h)anthracene	15.93	5.0	20	0	79.6	40-125	0	
Dibenzofuran	14.84	5.0	20	0	74.2	55-105	0	
Diethyl phthalate	14.93	5.0	20	0	74.6	40-120	0	
Dimethyl phthalate	15.71	5.0	20	0	78.6	25-125	0	
Di-n-butyl phthalate	15.57	5.0	20	0	77.8	55-115	0	
Di-n-octyl phthalate	14.5	5.0	20	0	72.5	35-135	0	
Fluoranthene	15.74	5.0	20	0	78.7	55-115	0	
Fluorene	15.31	5.0	20	0	76.6	50-110	0	
Hexachlorobenzene	16.13	5.0	20	0	80.6	50-110	0	
Hexachlorobutadiene	13.6	5.0	20	0	68	25-105	0	
Hexachlorocyclopentadiene	15.27	5.0	20	0	76.4	25-105	0	
Hexachloroethane	13.66	5.0	20	0	68.3	30-85	0	
Indeno(1,2,3-cd)pyrene	15.88	5.0	20	0	79.4	45-125	0	
Isophorone	14.11	5.0	20	0	70.6	50-110	0	
Naphthalene	13.08	5.0	20	0	65.4	40-100	0	
Nitrobenzene	13.92	5.0	20	0	69.6	45-110	0	
N-Nitrosodimethylamine	9.24	5.0	20	0	46.2	25-110	0	
N-Nitrosodi-n-propylamine	14.22	5.0	20	0	71.1	35-130	0	
Pentachlorophenol	12.4	5.0	20	0	62	40-115	0	
Phenanthrene	14.99	5.0	20	0	75	50-115	0	
Phenol	5.46	5.0	20	0	27.3	12-43	0	
Pyrene	15.95	5.0	20	0	79.8	50-130	0	
Pyridine	5.61	10	20	0	28	10-71	0	J
Surr: 2,4,6-Tribromophenol	*38.71*	0	*50*	0	*77.4*	*38-115*	0	
Surr: 2-Fluorobiphenyl	*36.73*	0	*50*	0	*73.5*	*32-100*	0	
Surr: 2-Fluorophenol	*20.8*	0	*50*	0	*41.6*	*22-59*	0	
Surr: 4-Terphenyl-d14	*40.1*	0	*50*	0	*80.2*	*23-112*	0	
Surr: Nitrobenzene-d5	*34.65*	0	*50*	0	*69.3*	*31-93*	0	
Surr: Phenol-d6	*13.09*	0	*50*	0	*26.2*	*13-36*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

MS	Sample ID: 1512191-03B MS			Units: ug/L	Analysis Date: 12/07/15 09:55 PM
Client ID:	Run ID: SVMS6_151207A			Seq No: 3609281	Prep Date: 12/07/15	DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	14.4	10	20	0	72	30-120	0			
1,2,4-Trichlorobenzene	14.91	5.0	20	0	74.6	35-105	0			
1,2-Dichlorobenzene	14.21	5.0	20	0	71	35-100	0			
1,3-Dichlorobenzene	13.51	5.0	20	0	67.6	30-100	0			
1,4-Dichlorobenzene	14.02	5.0	20	0	70.1	30-100	0			
1-Methylnaphthalene	14.57	5.0	20	0.06	72.6	30-100	0			
2,3,4,6-Tetrachlorophenol	16.1	5.0	20	0	80.5	50-130	0			
2,4,5-Trichlorophenol	15.87	5.0	20	0	79.4	50-110	0			
2,4,6-Trichlorophenol	16.54	5.0	20	0	82.7	50-115	0			
2,4-Dichlorophenol	14.96	5.0	20	0	74.8	50-105	0			
2,4-Dimethylphenol	4.58	5.0	20	0	22.9	30-110	0			JS
2,4-Dinitrophenol	18.1	5.0	20	0	90.5	15-140	0			
2,4-Dinitrotoluene	14.83	5.0	20	0	74.2	50-120	0			
2,6-Dichlorophenol	14.14	5.0	20	0	70.7	50-105	0			
2,6-Dinitrotoluene	14.83	5.0	20	0	74.2	50-115	0			
2-Chloronaphthalene	15.79	5.0	20	0	79	50-105	0			
2-Chlorophenol	14.14	5.0	20	0	70.7	35-105	0			
2-Methylnaphthalene	14.33	5.0	20	0.05	71.4	45-105	0			
2-Methylphenol	10.74	5.0	20	0.27	52.4	40-110	0			
2-Nitroaniline	6.01	5.0	20	0	30	50-115	0			S
2-Nitrophenol	14.46	5.0	20	0	72.3	40-115	0			
3&4-Methylphenol	9.37	5.0	20	0	46.8	30-110	0			
3,3'-Dichlorobenzidine	U	5.0	20	0	0	30-120	0			S
3-Nitroaniline	0.65	5.0	20	0	3.25	20-125	0			JS
4,6-Dinitro-2-methylphenol	14.76	5.0	20	0	73.8	40-130	0			
4-Bromophenyl phenyl ether	18.12	5.0	20	0	90.6	50-115	0			
4-Chloro-3-methylphenol	14.52	5.0	20	0	72.6	45-110	0			
4-Chloroaniline	1.04	5.0	20	0	5.2	15-110	0			JS
4-Chlorophenyl phenyl ether	15.97	5.0	20	0	79.8	50-110	0			
4-Nitroaniline	2.43	5.0	20	0	12.2	35-150	0			JS
4-Nitrophenol	7.34	5.0	20	0	36.7	1-58	0			
Acenaphthene	16.18	5.0	20	0.1	80.4	45-110	0			
Acenaphthylene	15.32	5.0	20	0	76.6	50-105	0			
Acetophenone	14.14	1.0	20	0.37	68.8	30-120	0			
Aniline	U	5.0	20	0	0	45-135	0			S
Anthracene	15.45	5.0	20	0.16	76.4	55-110	0			
Benzo(a)anthracene	16.35	5.0	20	0	81.8	55-110	0			
Benzo(a)pyrene	14.73	5.0	20	0	73.6	55-110	0			
Benzo(b)fluoranthene	18.4	5.0	20	0	92	45-120	0			
Benzo(g,h,i)perylene	13.76	5.0	20	0	68.8	40-125	0			
Benzo(k)fluoranthene	17.36	5.0	20	0	86.8	45-125	0			
Benzyl alcohol	12.9	5.0	20	0	64.5	30-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

Bis(2-chloroethoxy)methane	15.29	5.0	20	0	76.4	45-105	0	
Bis(2-chloroethyl)ether	13.66	5.0	20	0	68.3	35-110	0	
Bis(2-chloroisopropyl)ether	13.76	5.0	20	0	68.8	25-130	0	
Bis(2-ethylhexyl)phthalate	17.56	5.0	20	0.84	83.6	40-125	0	
Butyl benzyl phthalate	18.21	5.0	20	0	91	45-115	0	
Carbazole	16.68	5.0	20	0.22	82.3	50-150	0	
Chrysene	17.21	5.0	20	0	86	55-110	0	
Dibenzo(a,h)anthracene	14.38	5.0	20	0	71.9	40-125	0	
Dibenzofuran	15.72	5.0	20	0.09	78.2	55-105	0	
Diethyl phthalate	15.41	5.0	20	0.15	76.3	40-120	0	
Dimethyl phthalate	16.61	5.0	20	0	83	25-125	0	
Di-n-butyl phthalate	16.64	5.0	20	0	83.2	55-115	0	
Di-n-octyl phthalate	19.2	5.0	20	0	96	35-135	0	
Fluoranthene	16.52	5.0	20	0.24	81.4	55-115	0	
Fluorene	16.12	5.0	20	0.16	79.8	50-110	0	
Hexachlorobenzene	16.96	5.0	20	0	84.8	50-110	0	
Hexachlorobutadiene	14.61	5.0	20	0	73	25-105	0	
Hexachlorocyclopentadiene	22.27	5.0	20	0	111	25-105	0	S
Hexachloroethane	14.25	5.0	20	0	71.2	30-95	0	
Indeno(1,2,3-cd)pyrene	14.14	5.0	20	0	70.7	45-125	0	
Isophorone	14.92	5.0	20	0	74.6	50-110	0	
Naphthalene	15.01	5.0	20	0.63	71.9	40-100	0	
Nitrobenzene	20.65	5.0	20	0	103	45-110	0	
N-Nitrosodimethylamine	9.96	5.0	20	0	49.9	25-110	0	
N-Nitrosodi-n-propylamine	14.59	5.0	20	0	74.4	35-130	0	
Pentachlorophenol	21.47	5.0	20	0	107	40-115	0	
Phenanthrene	16.16	5.0	20	0.41	78.8	50-115	0	
Phenol	9.12	5.0	20	2.44	33.4	12-43	0	
Pyrene	18.77	5.0	20	0.27	92.5	50-130	0	
Pyridine	7.13	10	20	0	35.6	10-71	0	J
Surr: 2,4,6-Tribromophenol	*42.91*	0	*50*	0	*85.8*	*38-115*	0	
Surr: 2-Fluorobiphenyl	*39.25*	0	*50*	0	*78.5*	*32-100*	0	
Surr: 2-Fluorophenol	*22.37*	0	*50*	0	*44.7*	*22-69*	0	
Surr: 4-Terphenyl-d14	*46.93*	0	*50*	0	*93.9*	*23-112*	0	
Surr: Nitrobenzene-d5	*36.34*	0	*50*	0	*72.7*	*31-93*	0	
Surr: Phenol-d6	*14.17*	0	*50*	0	*28.3*	*13-36*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

MSD Sample ID: 1512161-06B MSD Units: ug/L Analysis Date: 12/07/15 10:15 PM

Client ID: Run ID: SVMS6_151207A SeqNo: 3508283 Prep Date: 12/07/15 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4,5-Tetrachlorobenzene	14.85	11	21.28	0	69.8	30-120	14.4	3.08	30	
1,2,4-Trichlorobenzene	15.65	5.3	21.28	0	73.6	35-105	14.91	4.84	30	
1,2-Dichlorobenzene	15.08	5.3	21.28	0	70.8	35-100	14.21	5.83	30	
1,3-Dichlorobenzene	14.67	5.3	21.28	0	69	30-100	13.51	8.23	30	
1,4-Dichlorobenzene	14.98	5.3	21.28	0	70.4	30-100	14.02	6.61	30	
1-Methylnaphthalene	15.07	5.3	21.28	0.06	70.8	30-100	14.57	3.4	30	
2,3,4,6-Tetrachlorophenol	16.77	5.3	21.28	0	78.8	50-130	16.1	4.05	30	
2,4,5-Trichlorophenol	16.47	5.3	21.28	0	77.4	50-110	15.87	3.7	30	
2,4,6-Trichlorophenol	16.9	5.3	21.28	0	79.4	50-115	16.54	2.18	30	
2,4-Dichlorophenol	15.31	5.3	21.28	0	72	50-105	14.96	2.3	30	
2,4-Dimethylphenol	4.713	5.3	21.28	0	22.2	30-110	4.58	0	30	JS
2,4-Dinitrophenol	20.45	5.3	21.28	0	96.1	15-140	18.1	12.2	30	
2,4-Dinitrotoluene	15.6	5.3	21.28	0	73.3	50-120	14.83	5.03	30	
2,6-Dichlorophenol	14.86	5.3	21.28	0	69.8	50-105	14.14	4.98	30	
2,6-Dinitrotoluene	15.6	5.3	21.28	0	73.3	50-115	14.83	5.03	30	
2-Chloronaphthalene	16.05	5.3	21.28	0	75.4	50-105	15.79	1.65	30	
2-Chlorophenol	14.91	5.3	21.28	0	70.1	35-105	14.14	5.33	30	
2-Methylnaphthalene	14.86	5.3	21.28	0.05	69.6	45-105	14.33	3.64	30	
2-Methylphenol	11.05	5.3	21.28	0.27	50.7	40-110	10.74	2.87	30	
2-Nitroaniline	7.469	5.3	21.28	0	35.2	50-115	6.01	21.9	30	S
2-Nitrophenol	15.48	5.3	21.28	0	72.8	40-115	14.46	6.81	30	
3&4-Methylphenol	9.404	5.3	21.28	0	44.2	30-110	9.37	0.366	30	
3,3'-Dichlorobenzidine	U	5.3	21.28	0	0	30-120	0	0	30	S
3-Nitroaniline	0.5319	5.3	21.28	0	2.5	20-125	0.65	0	30	JS
4,6-Dinitro-2-methylphenol	15.21	5.3	21.28	0	71.5	40-130	14.76	3.02	30	
4-Bromophenyl phenyl ether	17.98	5.3	21.28	0	84.4	50-115	18.12	0.801	30	
4-Chloro-3-methylphenol	14.78	5.3	21.28	0	69.4	45-110	14.52	1.75	30	
4-Chloroaniline	1.117	5.3	21.28	0	5.25	15-110	1.04	0	30	JS
4-Chlorophenyl phenyl ether	16.19	5.3	21.28	0	76.1	50-110	15.97	1.38	30	
4-Nitroaniline	2.765	5.3	21.28	0	13	35-150	2.43	0	30	JS
4-Nitrophenol	7.649	5.3	21.28	0	36	1-58	7.34	4.12	30	
Acenaphthene	16.46	5.3	21.28	0.1	76.9	45-110	16.18	1.7	30	
Acenaphthylene	15.36	5.3	21.28	0	72.2	50-105	15.32	0.272	30	
Acetophenone	14.87	1.1	21.28	0.37	68.2	30-120	14.14	5.05	30	
Aniline	U	5.3	21.28	0	0	45-135	0.19	0	30	S
Anthracene	15.7	5.3	21.28	0.16	73	55-110	15.46	1.62	30	
Benzo(a)anthracene	16.65	5.3	21.28	0	78.2	55-110	16.35	1.81	30	
Benzo(a)pyrene	14.67	5.3	21.28	0	69	55-110	14.73	0.407	30	
Benzo(b)fluoranthene	18.15	5.3	21.28	0	85.3	45-120	18.4	1.37	30	
Benzo(g,h,i)perylene	13.89	5.3	21.28	0	65.3	40-125	13.76	0.969	30	
Benzo(k)fluoranthene	17.49	5.3	21.28	0	82.2	45-125	17.36	0.742	30	
Benzyl alcohol	13.95	5.3	21.28	0	65.6	30-120	12.9	7.8	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: 79848 Instrument ID SVMS6 Method: SW846 8270D

Bis(2-chloroethoxy)methane	15.65	5.3	21.28	0	73.6	45-105	15.29	2.32	30	
Bis(2-chloroethyl)ether	14.13	5.3	21.28	0	66.4	35-110	13.66	3.37	30	
Bis(2-chloroisopropyl)ether	14.56	5.3	21.28	0	68.4	25-130	13.76	5.68	30	
Bis(2-ethylhexyl)phthalate	17.73	5.3	21.28	0.84	79.4	40-125	17.56	0.986	30	
Butyl benzyl phthalate	18.29	5.3	21.28	0	86	45-115	18.21	0.423	30	
Carbazole	16.87	5.3	21.28	0.22	78.3	50-150	16.68	1.15	30	
Chrysene	17.59	5.3	21.28	0	82.6	55-110	17.21	2.16	30	
Dibenzo(a,h)anthracene	14.71	5.3	21.28	0	69.2	40-125	14.38	2.29	30	
Dibenzofuran	15.84	5.3	21.28	0.09	74	55-105	15.72	0.763	30	
Diethyl phthalate	15.97	5.3	21.28	0.15	74.3	40-120	15.41	3.56	30	
Dimethyl phthalate	16.69	5.3	21.28	0	78.4	25-125	16.61	0.489	30	
Di-n-butyl phthalate	16.78	5.3	21.28	0	78.8	55-115	16.64	0.818	30	
Di-n-octyl phthalate	18.57	5.3	21.28	0	87.3	35-135	19.2	3.31	30	
Fluoranthene	16.67	5.3	21.28	0.24	77.2	55-115	16.52	0.905	30	
Fluorene	16.46	5.3	21.28	0.16	76.6	50-110	16.12	2.07	30	
Hexachlorobenzene	16.81	5.3	21.28	0	79	50-110	16.98	0.897	30	
Hexachlorobutadiene	15.33	5.3	21.28	0	72	25-105	14.61	4.81	30	
Hexachlorocyclopentadiene	22.54	5.3	21.28	0	106	25-105	22.27	1.22	30	S
Hexachloroethane	16.1	5.3	21.28	0	75.6	30-95	14.25	12.2	30	
Indeno(1,2,3-cd)pyrene	14.86	5.3	21.28	0	69.8	45-125	14.14	4.98	30	
Isophorone	15.36	5.3	21.28	0	72.2	50-110	14.92	2.92	30	
Naphthalene	15.53	5.3	21.28	0.63	70	40-100	15.01	3.42	30	
Nitrobenzene	20.65	5.3	21.28	0	98	45-110	20.65	0.969	30	
N-Nitrosodimethylamine	10.39	5.3	21.28	0	48.8	25-110	9.98	4.06	30	
N-Nitrosodi-n-propylamine	15.45	5.3	21.28	0	72.6	35-130	14.89	3.67	30	
Pentachlorophenol	21.27	5.3	21.28	0	100	40-115	21.47	0.955	30	
Phenanthrene	16.47	5.3	21.28	0.41	75.5	50-115	16.18	1.76	30	
Phenol	8.33	5.3	21.28	2.44	27.7	12-43	9.12	9.06	30	
Pyrene	16.49	5.3	21.28	0.27	85.6	50-130	16.77	1.51	30	
Pyridine	4.904	11	21.28	0	23	10-71	7.13	0	30	J
Surr: 2,4,6-Tribromophenol	*43.44*	0	*53.19*	0	*81.7*	*38-115*	42.91	*1.22*	*40*	
Surr: 2-Fluorobiphenyl	*39.83*	0	*53.19*	0	*74.9*	*32-100*	39.25	*1.47*	*40*	
Surr: 2-Fluorophenol	*22.3*	0	*53.19*	0	*41.9*	*22-59*	22.37	*0.323*	*40*	
Surr: 4-Terphenyl-d14	*47.55*	0	*53.19*	0	*89.4*	*23-112*	46.93	*1.32*	*40*	
Surr: Nitrobenzene-d5	*39.05*	0	*53.19*	0	*73.4*	*31-93*	36.34	*7.2*	*40*	
Surr: Phenol-d6	*13.85*	0	*53.19*	0	*26*	*13-36*	14.17	*2.28*	*40*	

The following samples were analyzed in this batch: 1512291-01C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79849 Instrument ID SVMS6 Method: SW8270

MBLK	Sample ID: SBLKW1-79849-79849		Units: ug/L	Analysis Date: 12/07/15 07:57 PM
Client ID	Run ID: SVMS6_151207A		Seq No: 3609383	Prep Date: 12/07/15	DF: 1

Analyte	Result		POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	U		5.0								
2,4,5-Trichlorophenol	U		5.0								
2,4,6-Trichlorophenol	U		5.0								
2,4-Dinitrotoluene	U		5.0								
Hexachloro-1,3-butadiene	U		5.0								
Hexachlorobenzene	U		5.0								
Hexachloroethane	U		5.0								
m-Cresol	U		5.0								
Nitrobenzene	U		5.0								
o-Cresol	U		5.0								
p-Cresol	U		5.0								
Pentachlorophenol	U		20								
Pyridine	U		20								
Surr: 2,4,6-Tribromophenol	*31.97*		0	*50*	0	*63.9*	*38-115*	0			
Surr: 2-Fluorobiphenyl	*34.76*		0	*50*	0	*69.5*	*32-100*	0			
Surr: 2-Fluorophenol	*20.74*		0	*50*	0	*41.5*	*22-59*	0			
Surr: 4-Terphenyl-d14	*41.22*		0	*50*	0	*82.4*	*23-112*	0			
Surr: Nitrobenzene-d5	*34.21*		0	*50*	0	*68.4*	*31-93*	0			
Surr: Phenol-d6	*12.86*		0	*50*	0	*25.7*	*13-36*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

00759

Batch ID: 79849 Instrument ID SVM55 Method: SW8270

LCS	Sample ID: SLCSW1-79849-79849			Units: ug/L			Analysis Date: 12/07/15 08:16 PM				
Client ID:	Run ID: SVM55_151207A			Seq No: 3609337			Prep Date: 12/07/15			DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	13.55	5.0	20	0	67.8	30-110	0			
2,4,5-Trichlorophenol	15.24	5.0	20	0	76.2	50-110	0			
2,4,6-Trichlorophenol	13.13	5.0	20	0	65.6	50-115	0			
2,4-Dinitrotoluene	14.21	5.0	20	0	71	50-120	0			
Hexachloro-1,3-butadiene	13.6	5.0	20	0	68	25-105	0			
Hexachlorobenzene	16.13	5.0	20	0	80.6	50-110	0			
Hexachloroethane	13.66	5.0	20	0	68.3	30-95	0			
m-Cresol	9.85	5.0	20	0	49.2	30-110	0			
Nitrobenzene	13.92	5.0	20	0	69.6	45-110	0			
o-Cresol	11.26	5.0	20	0	56.3	40-110	0			
p-Cresol	9.85	5.0	20	0	49.2	30-110	0			
Pentachlorophenol	12.4	20	20	0	62	40-115	0			J
Pyridine	5.61	20	20	0	28	10-71	0			J
Surr: 2,4,6-Tribromophenol	*38.71*	0	*50*	0	*77.4*	*38-115*	0			
Surr: 2-Fluorobiphenyl	*36.73*	0	*50*	0	*73.5*	*32-100*	0			
Surr: 2-Fluorophenol	*20.8*	0	*50*	0	*41.6*	*22-59*	0			
Surr: 4-Terphenyl-d14	*40.1*	0	*50*	0	*80.2*	*23-112*	0			
Surr: Nitrobenzene-d5	*34.65*	0	*50*	0	*69.3*	*31-93*	0			
Surr: Phenol-d6	*13.09*	0	*50*	0	*26.2*	*13-36*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 79849 Instrument ID SVMS6 Method: SW8270

MS Sample ID: 1612191-06B MS Units: ug/L Analysis Date: 12/07/16 09:55 PM
Client ID: Run ID: SVMS6_161207A SeqNo: 3609389 Prep Date: 12/07/16 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	14.02	5.0	20	0	70.1	30-110	0			
2,4,5-Trichlorophenol	15.87	5.0	20	0	79.4	50-110	0			
2,4,6-Trichlorophenol	16.54	5.0	20	0	82.7	50-110	0			
2,4-Dinitrotoluene	14.83	5.0	20	0	74.2	50-120	0			
Hexachloro-1,3-butadiene	14.61	5.0	20	0	73	25-105	0			
Hexachlorobenzene	16.96	5.0	20	0	84.8	50-110	0			
Hexachloroethane	14.25	5.0	20	0	71.2	30-95	0			
m-Cresol	9.43	5.0	20	0	47.2	30-110	0			
Nitrobenzene	20.65	5.0	20	0	103	45-110	0			
o-Cresol	10.74	5.0	20	0.27	52.4	40-110	0			
p-Cresol	9.43	5.0	20	0	47.2	30-110	0			
Pentachlorophenol	21.47	20	20	0	107	40-115	0			
Pyridine	7.13	20	20	0	35.6	10-80	0			J
Surr: 2,4,6-Tribromophenol	*42.91*	0	*50*	0	*85.8*	*38-115*	0			
Surr: 2-Fluorobiphenyl	*39.26*	0	*50*	0	*78.5*	*32-100*	0			
Surr: 2-Fluorophenol	*22.37*	0	*50*	0	*44.7*	*22-59*	0			
Surr: 4-Terphenyl-d14	*46.93*	0	*50*	0	*93.9*	*23-112*	0			
Surr: Nitrobenzene-d5	*36.34*	0	*50*	0	*72.7*	*31-93*	0			
Surr: Phenol-d6	*14.17*	0	*50*	0	*28.3*	*13-36*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: 75849 Instrument ID SVMS6 Method: SW8270

MSD Sample ID: 1512191-06B MSD

Client ID: Run ID: SVMS6_151207A Units: ug/L Analysis Date: 12/07/15 10:15 PM

SeqNo: 3609341 Prep Date: 12/07/15 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,4-Dichlorobenzene	14.98	5.3	21.28	0	70.4	30-110	14.02	6.61	30	
2,4,5-Trichlorophenol	16.47	5.3	21.28	0	77.4	50-110	15.87	3.7	30	
2,4,6-Trichlorophenol	16.9	5.3	21.28	0	79.4	50-115	16.54	2.18	30	
2,4-Dinitrotoluene	15.6	5.3	21.28	0	73.3	50-120	14.83	5.03	30	
Hexachloro-1,3-butadiene	15.33	5.3	21.28	0	72	25-105	14.61	4.81	30	
Hexachlorobenzene	16.81	5.3	21.28	0	79	50-110	16.96	0.897	30	
Hexachloroethane	16.1	5.3	21.28	0	75.6	30-95	14.25	12.2	30	
m-Cresol	9.468	5.3	21.28	0	44.5	30-110	9.43	0.403	30	
Nitrobenzene	20.85	5.3	21.28	0	98	45-110	20.65	0.969	30	
o-Cresol	11.05	5.3	21.28	0.27	50.7	40-110	10.74	2.87	30	
p-Cresol	9.468	5.3	21.28	0	44.5	30-110	9.43	0.403	30	
Pentachlorophenol	21.27	21	21.28	0	100	40-115	21.47	0.955	30	
Pyridine	4.904	21	21.28	0	23	10-80	7.13	0	30	J
Surr: 2,4,6-Tribromophenol	*43.44*	0	*53.19*	0	*81.7*	*38-115*	42.91	*1.22*	*0*	
Surr: 2-Fluorobiphenyl	*39.83*	0	*53.19*	0	*74.9*	*32-100*	39.25	*1.47*	*0*	
Surr: 2-Fluorophenol	*22.3*	0	*53.19*	0	*41.9*	*22-59*	22.37	*0.323*	*0*	
Surr: 4-Terphenyl-d14	*47.65*	0	*53.19*	0	*89.4*	*23-112*	46.93	*1.32*	*0*	
Surr: Nitrobenzene-d5	*39.05*	0	*53.19*	0	*73.4*	*31-93*	36.34	*7.2*	*0*	
Surr: Phenol-d6	*13.85*	0	*53.19*	0	*26*	*13-36*	14.17	*2.28*	*0*	

The following samples were analyzed in this batch: 1512291-02B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: R177656B Instrument ID VMS9 Method: SW8260B

Dibromomethane	U	1.0						
Dichlorodifluoromethane	U	1.0						
Ethylbenzene	U	1.0						
Hexachlorobutadiene	U	1.0						
Isopropylbenzene	U	1.0						
m,p-Xylene	U	2.0						
Methyl tert-butyl ether	U	1.0						
Methylene chloride	2.54	5.0						J
Naphthalene	U	5.0						
n-Butylbenzene	U	1.0						
n-Propylbenzene	U	1.0						
o-Xylene	U	1.0						
p-Isopropyltoluene	U	1.0						
sec-Butylbenzene	U	1.0						
Styrene	U	1.0						
tert-Butylbenzene	U	1.0						
Tetrachloroethene	U	1.0						
Toluene	U	1.0						
trans-1,2-Dichloroethene	U	1.0						
trans-1,3-Dichloropropene	U	1.0						
Trichloroethene	U	1.0						
Trichlorofluoromethane	U	1.0						
Vinyl chloride	U	1.0						
Xylenes, Total	U	3.0						
Surr: 1,2-Dichloroethane-d4	*19.02*	0	*20*	0	*95.1*	*75-120*	0	
Surr: 4-Bromofluorobenzene	*18.31*	0	*20*	0	*91.6*	*80-110*	0	
Surr: Dibromofluoromethane	*18.8*	0	*20*	0	*94*	*85-115*	0	
Surr: Toluene-d8	*19.44*	0	*20*	0	*97.2*	*85-110*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177556B Instrument ID VMS9 Method: SW8260B

MBLK	Sample ID: VBLKW1-151204-R177556B		Units: ug/L	Analysis Date: 12/04/15 01:08 PM
Client ID:	Run ID: VMS9_151204A		SeqNo: 3805545	Prep Date:	DF: 1

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	U		1.0								
1,1,1-Trichloroethane	U		1.0								
1,1,2,2-Tetrachloroethane	U		1.0								
1,1,2-Trichloroethane	U		1.0								
1,1-Dichloroethane	U		1.0								
1,1-Dichloroethene	U		1.0								
1,1-Dichloropropene	U		1.0								
1,2,3-Trichlorobenzene	U		1.0								
1,2,3-Trichloropropane	U		1.0								
1,2,4-Trichlorobenzene	U		1.0								
1,2,4-Trimethylbenzene	U		1.0								
1,2-Dibromo-3-chloropropane	U		1.0								
1,2-Dibromoethane	U		1.0								
1,2-Dichlorobenzene	U		1.0								
1,2-Dichloroethane	U		1.0								
1,2-Dichloropropane	U		1.0								
1,3,5-Trimethylbenzene	U		1.0								
1,3-Dichlorobenzene	U		1.0								
1,3-Dichloropropane	U		1.0								
1,4-Dichlorobenzene	U		1.0								
2,2-Dichloropropane	U		1.0								
2-Butanone	U		5.0								
2-Chlorotoluene	U		1.0								
2-Hexanone	U		1.0								
4-Chlorotoluene	U		1.0								
4-Methyl-2-pentanone	U		1.0								
Acetone	U		10								
Benzene	U		1.0								
Bromobenzene	U		1.0								
Bromochloromethane	U		1.0								
Bromodichloromethane	U		1.0								
Bromoform	U		1.0								
Bromomethane	U		1.0								
Carbon disulfide	U		1.0								
Carbon tetrachloride	U		1.0								
Chlorobenzene	U		1.0								
Chloroethane	U		1.0								
Chloroform	U		1.0								
Chloromethane	U		1.0								
cis-1,2-Dichloroethene	U		1.0								
cis-1,3-Dichloropropene	U		1.0								
Dibromochloromethane	U		1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order: [redacted]
Project: [redacted]

QC BATCH REPORT

Batch ID: R177556B Instrument ID VMS9 Method: SW8260B

LCS Sample ID: VLCSW1-151204-R177556B

Client ID: Run ID: VMS9_151204A SeqNo: 6805542 Prep Date: DF: 1

Units: µg/L Analysis Date: 12/04/15 12:16 PM

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.63	1.0	20	0	93.2	80-130	0			
1,1,1-Trichloroethane	20.13	1.0	20	0	101	75-130	0			
1,1,2,2-Tetrachloroethane	18.99	1.0	20	0	95	75-130	0			
1,1,2-Trichloroethane	20.25	1.0	20	0	101	75-125	0			
1,1-Dichloroethane	18.09	1.0	20	0	90.4	75-133	0			
1,1-Dichloroethene	18.5	1.0	20	0	92.5	70-145	0			
1,1-Dichloropropene	19.41	1.0	20	0	97	75-135	0			
1,2,3-Trichlorobenzene	17.08	1.0	20	0	85.4	70-140	0			
1,2,3-Trichloropropane	19.84	1.0	20	0	99.2	75-125	0			
1,2,4-Trichlorobenzene	18.02	1.0	20	0	90.1	70-135	0			
1,2,4-Trimethylbenzene	19.26	1.0	20	0	96.3	75-130	0			
1,2-Dibromo-3-chloropropane	17.44	1.0	20	0	87.2	60-130	0			
1,2-Dibromoethane	29.56	1.0	20	0	148	80-150	0			
1,2-Dichlorobenzene	19.77	1.0	20	0	98.8	70-130	0			
1,2-Dichloroethane	18.78	1.0	20	0	93.9	75-125	0			
1,2-Dichloropropane	19.84	1.0	20	0	99.2	75-125	0			
1,3,5-Trimethylbenzene	19.7	1.0	20	0	98.5	75-130	0			
1,3-Dichlorobenzene	20.47	1.0	20	0	102	75-130	0			
1,3-Dichloropropane	20.22	1.0	20	0	101	75-125	0			
1,4-Dichlorobenzene	19.7	1.0	20	0	98.5	75-130	0			
2,2-Dichloropropane	19.08	1.0	20	0	95.3	65-150	0			
2-Butanone	19.07	5.0	20	0	95.4	55-150	0			
2-Chlorotoluene	21.46	1.0	20	0	107	60-125	0			
2-Hexanone	18.27	1.0	20	0	91.4	60-135	0			
4-Chlorotoluene	21.79	1.0	20	0	109	60-125	0			
4-Methyl-2-pentanone	24.72	1.0	20	0	124	77-178	0			
Acetone	18.05	10	20	0	90.2	60-160	0			
Benzene	20.46	1.0	20	0	102	65-125	0			
Bromobenzene	19.43	1.0	20	0	97.2	60-125	0			
Bromochloromethane	19.17	1.0	20	0	95.8	75-130	0			
Bromodichloromethane	19.32	1.0	20	0	96.6	75-125	0			
Bromoform	16.66	1.0	20	0	83.3	60-125	0			
Bromomethane	18.08	1.0	20	0	90.4	30-165	0			
Carbon disulfide	17.88	1.0	20	0	89.4	60-165	0			
Carbon tetrachloride	19.73	1.0	20	0	98.6	65-140	0			
Chlorobenzene	20.84	1.0	20	0	104	80-120	0			
Chloroethane	19.11	1.0	20	0	95.6	50-140	0			
Chloroform	19.43	1.0	20	0	97.2	80-130	0			
Chloromethane	18.42	1.0	20	0	92.1	50-130	0			
cis-1,2-Dichloroethene	19.49	1.0	20	0	97.4	75-134	0			
cis-1,3-Dichloropropene	18.51	1.0	20	0	92.6	70-130	0			
Dibromochloromethane	18.64	1.0	20	0	93.2	60-115	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: R177558B Instrument ID VMS9 Method: SW8260B

Dibromomethane	20.22	1.0	20	0	101	85-125	0
Dichlorodifluoromethane	19.26	1.0	20	0	96.3	20-120	0
Ethylbenzene	19.01	1.0	20	0	95	85-125	0
Hexachlorobutadiene	19.64	1.0	20	0	98.2	70-155	0
Isopropylbenzene	19.68	1.0	20	0	98.4	80-127	0
m,p-Xylene	38.98	2.0	40	0	97.4	75-130	0
Methyl tert-butyl ether	18.55	1.0	20	0	92.8	80-130	0
Methylene chloride	17.38	5.0	20	0	86.9	75-140	0
Naphthalene	15.74	5.0	20	0	78.7	55-160	0
n-Butylbenzene	21.05	1.0	20	0	105	75-145	0
n-Propylbenzene	19.02	1.0	20	0	95.1	78-120	0
o-Xylene	18.71	1.0	20	0	93.6	80-125	0
p-Isopropyltoluene	22.13	1.0	20	0	111	81-138	0
sec-Butylbenzene	19.34	1.0	20	0	96.7	80-134	0
Styrene	19.28	1.0	20	0	96.4	85-125	0
tert-Butylbenzene	19.07	1.0	20	0	95.4	70-130	0
Tetrachloroethene	22.59	1.0	20	0	113	77-138	0
Toluene	20.66	1.0	20	0	103	85-125	0
trans-1,2-Dichloroethene	18.45	1.0	20	0	92.2	80-140	0
trans-1,3-Dichloropropene	17.47	1.0	20	0	87.4	81-123	0
Trichloroethene	20.19	1.0	20	0	101	84-130	0
Trichlorofluoromethane	19.8	1.0	20	0	99	60-140	0
Vinyl chloride	18.89	1.0	20	0	94.4	50-136	0
Xylenes, Total	57.69	3.0	60	0	96.2	80-126	0
Surr: 1,2-Dichloroethane-d4	*18.54*	0	*20*	0	*92.7*	*75-120*	0
Surr: 4-Bromofluorobenzene	*20.67*	0	*20*	0	*103*	*80-110*	0
Surr: Dibromofluoromethane	*18.72*	0	*20*	0	*93.6*	*85-115*	0
Surr: Toluene-d8	*19.98*	0	*20*	0	*99.9*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177556B Instrument ID VMS9 Method: SW8260B

MS Sample ID: 1612173-01A MS

Client ID: Run ID: VMS9_161204A Units: µg/L Analysis Date: 12/04/16 08:34 PM

SeqNo: 3606584 Prep Date: DF: 10

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	194.7	10	200	0	97.4	80-130	0			
1,1,1-Trichloroethane	213.3	10	200	0	107	75-130	0			
1,1,2,2-Tetrachloroethane	216.6	10	200	0	108	75-130	0			
1,1,2-Trichloroethane	218	10	200	0	109	75-125	0			
1,1-Dichloroethane	190.6	10	200	0	95.3	75-133	0			
1,1-Dichloroethene	194.7	10	200	0	97.4	70-145	0			
1,1-Dichloropropene	200.6	10	200	0	100	75-135	0			
1,2,3-Trichlorobenzene	194.9	10	200	0	97.4	70-140	0			
1,2,3-Trichloropropane	216.5	10	200	0	108	75-125	0			
1,2,4-Trichlorobenzene	200.1	10	200	0	100	70-135	0			
1,2,4-Trimethylbenzene	197.5	10	200	0	98.8	75-130	0			
1,2-Dibromo-3-chloropropane	197.1	10	200	0	98.6	60-130	0			
1,2-Dibromoethane	319.9	10	200	0	160	80-150	0			S
1,2-Dichlorobenzene	210.9	10	200	0	105	70-130	0			
1,2-Dichloroethane	202	10	200	0	101	78-125	0			
1,2-Dichloropropane	209.5	10	200	0	105	75-125	0			
1,3,5-Trimethylbenzene	206.1	10	200	0	103	75-130	0			
1,3-Dichlorobenzene	217.2	10	200	0	109	75-130	0			
1,3-Dichloropropane	216.4	10	200	0	108	75-125	0			
1,4-Dichlorobenzene	208.7	10	200	0	104	75-130	0			
2,2-Dichloropropane	185.8	10	200	0	92.9	65-150	0			
2-Butanone	230.9	50	200	0	115	55-150	0			
2-Chlorotoluene	221.8	10	200	0	111	80-125	0			
2-Hexanone	205.5	10	200	0	103	60-135	0			
4-Chlorotoluene	224	10	200	0	112	80-125	0			
4-Methyl-2-pentanone	300.9	10	200	0	150	77-178	0			
Acetone	239.2	100	200	0	120	60-160	0			
Benzene	207.9	10	200	0	104	85-125	0			
Bromobenzene	204.9	10	200	0	102	80-125	0			
Bromochloromethane	203.6	10	200	0	102	75-130	0			
Bromodichloromethane	198	10	200	0	99	75-125	0			
Bromoform	181.4	10	200	0	90.7	60-125	0			
Bromomethane	165	10	200	0	82.5	30-185	0			
Carbon disulfide	175.6	10	200	0	87.8	60-165	0			
Carbon tetrachloride	208.8	10	200	0	104	65-140	0			
Chlorobenzene	215.4	10	200	0	108	80-120	0			
Chloroethane	190.5	10	200	0	95.2	50-140	0			
Chloroform	202.2	10	200	0	101	80-130	0			
Chloromethane	170.1	10	200	0	85	50-130	0			
cis-1,2-Dichloroethene	200.7	10	200	0	100	75-134	0			
cis-1,3-Dichloropropene	189.9	10	200	0	95	70-130	0			
Dibromochloromethane	195.1	10	200	0	97.6	60-115	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: R177556B Instrument ID VMS9 Method: SW8260B

Dibromomethane	219.2	10	200	0	110	85-125	0
Dichlorodifluoromethane	170.5	10	200	0	85.2	20-120	0
Ethylbenzene	197.1	10	200	0	98.6	85-125	0
Hexachlorobutadiene	222.1	10	200	0	111	70-155	0
Isopropylbenzene	205.6	10	200	0	103	80-127	0
m,p-Xylene	404.2	20	400	0	101	75-130	0
Methyl tert-butyl ether	206.2	10	200	4.15	101	80-130	0
Methylene chloride	184	50	200	0	92	75-140	0
Naphthalene	178	50	200	0	89	55-160	0
n-Butylbenzene	223.8	10	200	0	112	75-145	0
n-Propylbenzene	197.4	10	200	0	98.7	78-120	0
o-Xylene	195.5	10	200	0	97.8	80-125	0
p-Isopropyltoluene	227.6	10	200	0	114	81-138	0
sec-Butylbenzene	206	10	200	0	103	80-134	0
Styrene	198.8	10	200	0	99.4	85-125	0
tert-Butylbenzene	202.3	10	200	0	101	70-130	0
Tetrachloroethene	229.5	10	200	0	115	77-138	0
Toluene	217.1	10	200	0	109	85-125	0
trans-1,2-Dichloroethene	191.1	10	200	0	95.6	80-140	0
trans-1,3-Dichloropropene	176.5	10	200	0	88.2	81-123	0
Trichloroethene	209.2	10	200	0	105	84-130	0
Trichlorofluoromethane	202.4	10	200	0	101	60-140	0
Vinyl chloride	185.5	10	200	0	92.8	50-136	0
Xylenes, Total	599.7	30	600	0	100	80-126	0
Surr: 1,2-Dichloroethane-d4	*188.6*	0	*200*	0	*94.2*	*75-120*	0
Surr: 4-Bromofluorobenzene	*203.6*	0	*200*	0	*102*	*80-110*	0
Surr: Dibromofluoromethane	*191.4*	0	*200*	0	*95.7*	*85-115*	0
Surr: Toluene-d8	*203.2*	0	*200*	0	*102*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177556B Instrument ID VMS9 Method: SW8260B

MSD Sample ID: 1512173-01A MSD | Units: ug/L | Analysis Date: 12/04/15 09:00 PM
Client ID: | Run ID: VMS9_151204A | SeqNo: 3505566 | Prep Date: | DF: 10

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	205.4	10	200	0	103	80-130	194.7	5.35	30	
1,1,1-Trichloroethane	219.7	10	200	0	110	75-130	213.3	2.96	30	
1,1,2,2-Tetrachloroethane	215.6	10	200	0	108	75-130	215.6	0	30	
1,1,2-Trichloroethane	217.1	10	200	0	109	75-125	218	0.414	30	
1,1-Dichloroethane	194	10	200	0	97	75-133	190.6	1.77	30	
1,1-Dichloroethene	195.7	10	200	0	97.8	70-145	194.7	0.512	30	
1,1-Dichloropropene	207.4	10	200	0	104	75-135	200.6	3.33	30	
1,2,3-Trichlorobenzene	187.4	10	200	0	93.7	70-140	194.9	3.92	30	
1,2,3-Trichloropropane	219.4	10	200	0	110	75-125	216.5	1.33	30	
1,2,4-Trichlorobenzene	195.7	10	200	0	97.8	70-135	200.1	2.22	30	
1,2,4-Trimethylbenzene	207.6	10	200	0	104	75-130	197.5	4.99	30	
1,2-Dibromo-3-chloropropane	187	10	200	0	93.5	60-130	197.1	5.26	30	
1,2-Dibromoethane	321.1	10	200	0	161	80-150	319.9	0.374	30	S
1,2-Dichlorobenzene	215.2	10	200	0	108	70-130	210.9	2.02	30	
1,2-Dichloroethane	202.9	10	200	0	101	75-125	202	0.445	30	
1,2-Dichloropropane	210.5	10	200	0	105	75-125	209.6	0.476	30	
1,3,5-Trimethylbenzene	215.4	10	200	0	108	75-130	206.1	4.41	30	
1,3-Dichlorobenzene	220.4	10	200	0	110	75-130	217.2	1.46	30	
1,3-Dichloropropane	216.6	10	200	0	108	75-125	216.4	0.0924	30	
1,4-Dichlorobenzene	213	10	200	0	106	75-130	208.7	2.04	30	
2,2-Dichloropropane	195.4	10	200	0	97.7	65-150	185.8	5.04	30	
2-Butanone	210.9	50	200	0	105	55-150	230.9	9.05	30	
2-Chlorotoluene	232.7	10	200	0	116	80-125	221.6	4.8	30	
2-Hexanone	196.9	10	200	0	98.4	60-135	205.5	4.27	30	
4-Chlorotoluene	230.8	10	200	0	115	80-125	224	2.99	30	
4-Methyl-2-pentanone	284.3	10	200	0	142	77-178	300.9	5.67	30	
Acetone	209.3	100	200	0	105	60-160	239.2	13.3	30	
Benzene	214.6	10	200	0	107	85-125	207.9	3.17	30	
Bromobenzene	210.9	10	200	0	105	80-125	204.9	2.89	30	
Bromochloromethane	206.3	10	200	0	103	75-130	203.6	1.32	30	
Bromodichloromethane	200	10	200	0	100	75-125	198	1.01	30	
Bromoform	184.5	10	200	0	92.2	60-125	181.4	1.69	30	
Bromomethane	177.5	10	200	0	88.8	30-165	165	7.3	30	
Carbon disulfide	182.8	10	200	0	91.4	60-165	175.6	4.02	30	
Carbon tetrachloride	215.1	10	200	0	108	65-140	208.8	2.97	30	
Chlorobenzene	222.2	10	200	0	111	80-120	215.4	3.11	30	
Chloroethane	200.8	10	200	0	100	50-140	190.5	5.26	30	
Chloroform	210.2	10	200	0	105	80-130	202.2	3.88	30	
Chloromethane	177.7	10	200	0	88.8	60-130	170.1	4.37	30	
cis-1,2-Dichloroethene	199.9	10	200	0	100	75-134	200.7	0.399	30	
cis-1,3-Dichloropropene	191.3	10	200	0	95.6	70-130	189.9	0.735	30	
Dibromochloromethane	204.5	10	200	0	102	60-115	195.1	4.7	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177656B Instrument ID VMS9 Method: SW8260B

Dibromomethane	217.6	10	200	0	109	85-125	219.2	0.733	30
Dichlorodifluoromethane	181.2	10	200	0	90.6	20-120	170.5	6.08	30
Ethylbenzene	202.6	10	200	0	101	85-125	197.1	2.75	30
Hexachlorobutadiene	214.6	10	200	0	107	70-155	222.1	3.43	30
Isopropylbenzene	213.6	10	200	0	107	80-127	205.6	3.82	30
m,p-Xylene	422.3	20	400	0	106	75-130	404.2	4.38	30
Methyl tert-butyl ether	205.2	10	200	4.15	101	80-130	206.2	0.486	30
Methylene chloride	181.5	50	200	0	90.8	75-140	184	1.37	30
Naphthalene	168.9	50	200	0	84.4	55-160	178	5.25	30
n-Butylbenzene	226	10	200	0	113	76-145	223.8	0.976	30
n-Propylbenzene	203.6	10	200	0	102	78-120	197.4	3.09	30
o-Xylene	205.3	10	200	0	103	80-126	195.5	4.89	30
p-Isopropyltoluene	235.3	10	200	0	118	81-138	227.6	3.33	30
sec-Butylbenzene	214.3	10	200	0	107	80-134	206	3.95	30
Styrene	208.9	10	200	0	104	85-125	198.8	4.95	30
tert-Butylbenzene	206.6	10	200	0	104	70-130	202.3	3.07	30
Tetrachloroethene	242.4	10	200	0	121	77-138	229.5	5.47	30
Toluene	221.1	10	200	0	111	85-125	217.1	1.83	30
trans-1,2-Dichloroethene	197.6	10	200	0	98.8	80-140	191.1	3.34	30
trans-1,3-Dichloropropene	183.1	10	200	0	91.6	81-123	176.5	3.67	30
Trichloroethene	213	10	200	0	106	84-130	209.2	1.8	30
Trichlorofluoromethane	213.1	10	200	0	107	60-140	202.4	5.15	30
Vinyl chloride	193.6	10	200	0	96.8	50-136	185.5	4.27	30
Xylenes, Total	627.6	30	600	0	105	80-126	599.7	4.55	30
Surr: 1,2-Dichloroethane-d4	*188*	0	*200*	0	*94*	*75-120*	189.5	*0.266*	*30*
Surr: 4-Bromofluorobenzene	*203.1*	0	*200*	0	*102*	*80-110*	203.5	*0.246*	*30*
Surr: Dibromofluoromethane	*191.5*	0	*200*	0	*95.8*	*85-115*	191.4	*0.0522*	*30*
Surr: Toluene-d8	*199.2*	0	*200*	0	*99.6*	*85-110*	203.2	*1.99*	*30*

The following samples were analyzed in this batch: 1512291-03A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Or[redacted]
Project: [redacted]

QC BATCH REPORT

Batch ID: R177571b Instrument ID VM86 Method: SW8260B

MBLK Sample ID: VBLKW1-151204-R177571b Units: µg/L Analysis Date: 12/04/15 03:43 PM
Client ID: Run ID: VM86_151204A SeqNo: 3809362 Prep Date: / / DF: 1

Analyte	Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	U		1.0								
1,1,1-Trichloroethane	U		1.0								
1,1,2,2-Tetrachloroethane	U		1.0								
1,1,2-Trichloroethane	U		1.0								
1,1-Dichloroethane	U		1.0								
1,1-Dichloroethene	U		1.0								
1,1-Dichloropropene	U		1.0								
1,2,3-Trichlorobenzene	U		1.0								
1,2,3-Trichloropropane	U		1.0								
1,2,4-Trichlorobenzene	U		1.0								
1,2,4-Trimethylbenzene	U		1.0								
1,2-Dibromo-3-chloropropane	U		1.0								
1,2-Dibromoethane	U		1.0								
1,2-Dichlorobenzene	U		1.0								
1,2-Dichloroethane	U		1.0								
1,2-Dichloropropane	U		1.0								
1,3,5-Trimethylbenzene	U		1.0								
1,3-Dichlorobenzene	U		1.0								
1,3-Dichloropropane	U		1.0								
1,4-Dichlorobenzene	U		1.0								
2,2-Dichloropropane	U		1.0								
2-Butanone	U		5.0								
2-Chlorotoluene	U		1.0								
2-Hexanone	U		1.0								
4-Chlorotoluene	U		1.0								
4-Methyl-2-pentanone	U		1.0								
Acetone	U		10								
Benzene	U		1.0								
Bromobenzene	U		1.0								
Bromochloromethane	U		1.0								
Bromodichloromethane	U		1.0								
Bromoform	U		1.0								
Bromomethane	U		1.0								
Carbon disulfide	U		1.0								
Carbon tetrachloride	U		1.0								
Chlorobenzene	U		1.0								
Chloroethane	U		1.0								
Chloroform	U		1.0								
Chloromethane	U		1.0								
cis-1,2-Dichloroethene	U		1.0								
cis-1,3-Dichloropropene	U		1.0								
Dibromochloromethane	U		1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: R177571b Instrument ID VMS6 Method: SW8260B

Dibromomethane	U	1.0						
Dichlorodifluoromethane	U	1.0						
Ethylbenzene	U	1.0						
Hexachlorobutadiene	U	1.0						
Isopropylbenzene	U	1.0						
m,p-Xylene	U	2.0						
Methyl tert-butyl ether	U	1.0						
Methylene chloride	2.22	5.0						J
Naphthalene	U	5.0						
n-Butylbenzene	U	1.0						
n-Propylbenzene	U	1.0						
o-Xylene	U	1.0						
p-Isopropyltoluene	U	1.0						
sec-Butylbenzene	U	1.0						
Styrene	U	1.0						
tert-Butylbenzene	U	1.0						
Tetrachloroethene	U	1.0						
Toluene	U	1.0						
trans-1,2-Dichloroethene	U	1.0						
trans-1,3-Dichloropropene	U	1.0						
Trichloroethene	U	1.0						
Trichlorofluoromethane	U	1.0						
Vinyl chloride	U	1.0						
Xylenes, Total	U	3.0						
Surr: 1,2-Dichloroethane-d4	*20.17*	0	*20*	0	*101*	*75-120*	0	
Surr: 4-Bromofluorobenzene	*19.57*	0	*20*	0	*97.8*	*80-110*	0	
Surr: Dibromofluoromethane	*19.12*	0	*20*	0	*95.6*	*85-115*	0	
Surr: Toluene-d8	*20.15*	0	*20*	0	*101*	*85-110*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Ord[redacted]
Project: [redacted]

QC BATCH REPORT

Batch ID: R177571b Instrument ID VMS6 Method: SW8260B

LCS Sample ID: VLCSW2-151204-R177571b
Client ID: Run ID: VMS6_151204A Units: ug/L Analysis Date: 12/04/15 02:31 PM
SeqNo: 3609361 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.31	1.0	20	0	102	80-130		0		
1,1,1-Trichloroethane	21.26	1.0	20	0	106	75-130		0		
1,1,2,2-Tetrachloroethane	21.25	1.0	20	0	106	75-130		0		
1,1,2-Trichloroethane	21.27	1.0	20	0	106	75-125		0		
1,1-Dichloroethane	20.38	1.0	20	0	102	75-133		0		
1,1-Dichloroethene	19.56	1.0	20	0	97.8	70-145		0		
1,1-Dichloropropene	19.12	1.0	20	0	95.6	75-135		0		
1,2,3-Trichlorobenzene	20.45	1.0	20	0	102	70-140		0		
1,2,3-Trichloropropane	21.14	1.0	20	0	106	75-125		0		
1,2,4-Trichlorobenzene	21.04	1.0	20	0	105	70-135		0		
1,2,4-Trimethylbenzene	22.01	1.0	20	0	110	75-130		0		
1,2-Dibromo-3-chloropropane	17.9	1.0	20	0	89.5	60-130		0		
1,2-Dibromoethane	21.64	1.0	20	0	108	80-150		0		
1,2-Dichlorobenzene	20.67	1.0	20	0	103	70-130		0		
1,2-Dichloroethane	19.59	1.0	20	0	98	75-125		0		
1,2-Dichloropropane	20.75	1.0	20	0	104	75-125		0		
1,3,5-Trimethylbenzene	22.87	1.0	20	0	114	75-130		0		
1,3-Dichlorobenzene	21.57	1.0	20	0	108	75-130		0		
1,3-Dichloropropane	21.32	1.0	20	0	107	75-125		0		
1,4-Dichlorobenzene	20.81	1.0	20	0	104	75-130		0		
2,2-Dichloropropane	21.3	1.0	20	0	106	65-150		0		
2-Butanone	17.66	5.0	20	0	88.3	55-150		0		
2-Chlorotoluene	20.96	1.0	20	0	105	80-125		0		
2-Hexanone	20.26	1.0	20	0	101	60-135		0		
4-Chlorotoluene	21.7	1.0	20	0	108	80-125		0		
4-Methyl-2-pentanone	26.04	1.0	20	0	130	77-178		0		
Acetone	16.59	10	20	0	83	60-150		0		
Benzene	20.95	1.0	20	0	105	85-125		0		
Bromobenzene	21.33	1.0	20	0	107	80-125		0		
Bromochloromethane	19.11	1.0	20	0	95.6	75-130		0		
Bromodichloromethane	20.33	1.0	20	0	102	75-125		0		
Bromoform	17.37	1.0	20	0	86.8	60-125		0		
Bromomethane	22.28	1.0	20	0	111	30-185		0		
Carbon disulfide	18	1.0	20	0	90	60-165		0		
Carbon tetrachloride	19.52	1.0	20	0	97.6	65-140		0		
Chlorobenzene	21.21	1.0	20	0	106	80-120		0		
Chloroethane	18.6	1.0	20	0	93	50-140		0		
Chloroform	19.62	1.0	20	0	98.1	80-130		0		
Chloromethane	18.05	1.0	20	0	90.2	50-130		0		
cis-1,2-Dichloroethene	20.44	1.0	20	0	102	75-134		0		
cis-1,3-Dichloropropene	20.43	1.0	20	0	102	70-130		0		
Dibromochloromethane	19.45	1.0	20	0	97.2	60-115		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order: [redacted]
Project: [redacted]

QC BATCH REPORT

Batch ID: R177571b Instrument ID VMS6 Method: SW8260B

Dibromomethane	20.03	1.0	20	0	100	85-125	0
Dichlorodifluoromethane	16.28	1.0	20	0	81.4	20-120	0
Ethylbenzene	21.83	1.0	20	0	109	85-125	0
Hexachlorobutadiene	23.38	1.0	20	0	117	70-155	0
Isopropylbenzene	22.24	1.0	20	0	111	80-127	0
m,p-Xylene	43.99	2.0	40	0	110	75-130	0
Methyl tert-butyl ether	20.56	1.0	20	0	103	80-130	0
Methylene chloride	20.15	5.0	20	0	101	75-140	0
Naphthalene	18.72	5.0	20	0	93.6	55-160	0
n-Butylbenzene	22.83	1.0	20	0	114	75-145	0
n-Propylbenzene	21.78	1.0	20	0	109	75-120	0
o-Xylene	21.44	1.0	20	0	107	80-125	0
p-Isopropyltoluene	22.83	1.0	20	0	114	81-138	0
sec-Butylbenzene	22.64	1.0	20	0	113	80-134	0
Styrene	22.12	1.0	20	0	111	85-125	0
tert-Butylbenzene	22.58	1.0	20	0	113	70-130	0
Tetrachloroethene	21.31	1.0	20	0	107	77-138	0
Toluene	21.07	1.0	20	0	105	85-125	0
trans-1,2-Dichloroethene	20.06	1.0	20	0	100	80-140	0
trans-1,3-Dichloropropene	20.42	1.0	20	0	102	81-123	0
Trichloroethene	19.58	1.0	20	0	97.9	84-130	0
Trichlorofluoromethane	17.86	1.0	20	0	89.3	60-140	0
Vinyl chloride	17.22	1.0	20	0	86.1	60-136	0
Xylenes, Total	65.43	3.0	60	0	109	80-126	0
Surr: 1,2-Dichloroethane-d4	*19.71*	0	*20*	0	*98.6*	*76-120*	0
Surr: 4-Bromofluorobenzene	*20.19*	0	*20*	0	*101*	*80-110*	0
Surr: Dibromofluoromethane	*19.71*	0	*20*	0	*98.6*	*85-115*	0
Surr: Toluene-d8	*20.38*	0	*20*	0	*102*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177571b Instrument ID VMS6 Method: SW8260B

MS Sample ID: 1512137-01A MS

Client ID: Run ID: VMS6_151204A SeqNo: 3609355 Units: ug/L Prep Date: Analysis Date: 12/04/15 11:09 PM DF: 10

Analyte	Result	POL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	207.9	10	200	0	104	80-130	0			
1,1,1-Trichloroethane	220.2	10	200	0	110	75-130	0			
1,1,2,2-Tetrachloroethane	221.3	10	200	0	111	75-130	0			
1,1,2-Trichloroethane	216.6	10	200	0	108	75-125	0			
1,1-Dichloroethane	212.4	10	200	0	106	75-133	0			
1,1-Dichloroethene	208.4	10	200	0	104	70-145	0			
1,1-Dichloropropene	198.9	10	200	0	99.4	75-135	0			
1,2,3-Trichlorobenzene	209.8	10	200	0	105	70-140	0			
1,2,3-Trichloropropane	214.6	10	200	0	107	75-125	0			
1,2,4-Trichlorobenzene	219.4	10	200	0	110	70-135	0			
1,2,4-Trimethylbenzene	236.8	10	200	24.5	107	75-130	0			
1,2-Dibromo-3-chloropropane	182.5	10	200	0	91.2	60-130	0			
1,2-Dibromoethane	218.2	10	200	0	109	80-150	0			
1,2-Dichlorobenzene	218	10	200	0	109	70-130	0			
1,2-Dichloroethane	196.5	10	200	0	98.2	78-125	0			
1,2-Dichloropropane	212.4	10	200	0	106	75-125	0			
1,3,5-Trimethylbenzene	245.3	10	200	8	119	75-130	0			
1,3-Dichlorobenzene	225.9	10	200	0	113	75-130	0			
1,3-Dichloropropane	217.3	10	200	0	109	75-125	0			
1,4-Dichlorobenzene	212	10	200	0	106	75-130	0			
2,2-Dichloropropane	210.7	10	200	0	105	65-150	0			
2-Butanone	178.4	50	200	0	89.2	65-160	0			
2-Chlorotoluene	225.9	10	200	0	113	80-125	0			
2-Hexanone	215.1	10	200	0	108	60-135	0			
4-Chlorotoluene	232.4	10	200	0	116	80-125	0			
4-Methyl-2-pentanone	284.2	10	200	0	142	77-178	0			
Acetone	170	100	200	0	85	60-160	0			
Benzene	217.7	10	200	0	109	85-125	0			
Bromobenzene	220.1	10	200	0	110	80-125	0			
Bromochloromethane	201.7	10	200	0	101	75-130	0			
Bromodichloromethane	202.4	10	200	0	101	75-125	0			
Bromoform	185.9	10	200	0	93	60-125	0			
Bromomethane	186.4	10	200	0	93.2	30-185	0			
Carbon disulfide	189	10	200	0	94.5	60-165	0			
Carbon tetrachloride	209.2	10	200	0	105	65-140	0			
Chlorobenzene	220.7	10	200	0	110	80-120	0			
Chloroethane	189.3	10	200	0	94.6	60-140	0			
Chloroform	200.1	10	200	0	100	80-130	0			
Chloromethane	165	10	200	0	82.5	50-130	0			
cis-1,2-Dichloroethene	206.8	10	200	0	103	75-134	0			
cis-1,3-Dichloropropene	213.5	10	200	0	107	70-130	0			
Dibromochloromethane	189	10	200	0	94.5	60-115	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: R177571b Instrument ID VMS6 Method: SW8260B

Dibromomethane	200.6	10	200	0	100	85-125	0
Dichlorodifluoromethane	145.3	10	200	0	72.6	20-120	0
Ethylbenzene	235.9	10	200	0	118	85-125	0
Hexachlorobutadiene	237.1	10	200	0	119	70-165	0
Isopropylbenzene	245.3	10	200	0	123	80-127	0
m,p-Xylene	471.4	20	400	6.3	116	75-130	0
Methyl tert-butyl ether	211.3	10	200	0	106	80-130	0
Methylene chloride	203.3	50	200	0	102	75-140	0
Naphthalene	208.5	50	200	20	94.2	55-160	0
n-Butylbenzene	236.9	10	200	13.9	112	75-145	0
n-Propylbenzene	238.9	10	200	3.5	118	78-120	0
o-Xylene	227.2	10	200	0	114	80-125	0
p-Isopropyltoluene	242	10	200	0	121	81-136	0
sec-Butylbenzene	248.9	10	200	0	124	80-134	0
Styrene	234.2	10	200	0	117	85-125	0
tert-Butylbenzene	244.8	10	200	0	122	70-130	0
Tetrachloroethene	227.3	10	200	0	114	77-136	0
Toluene	226	10	200	0	113	85-125	0
trans-1,2-Dichloroethene	207.1	10	200	0	104	80-140	0
trans-1,3-Dichloropropene	213.5	10	200	0	107	81-123	0
Trichloroethene	208.7	10	200	0	104	84-130	0
Trichlorofluoromethane	180.9	10	200	0	90.4	60-140	0
Vinyl chloride	175.6	10	200	0	87.8	50-136	0
Xylenes, Total	698.6	30	600	6.3	116	80-126	0
Surr: 1,2-Dichloroethane-d4	*190.2*	0	*200*	0	*95.1*	*75-120*	0
Surr: 4-Bromofluorobenzene	*207.4*	0	*200*	0	*104*	*80-110*	0
Surr: Dibromofluoromethane	*188.4*	0	*200*	0	*94.2*	*85-115*	0
Surr: Toluene-d8	*202.5*	0	*200*	0	*101*	*85-110*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Orde
Project:

QC BATCH REPORT

Batch ID: R177571b Instrument ID VMS6 Method: SW8260B

MSD Sample ID: 1512137-01A MSD Units: ug/L Analysis Date: 12/04/15 11:36 PM
Client ID: Run ID: VMS6_151204A SeqNo: 3509365 Prep Date: DF: 10

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	211.3	10	200	0	106	80-130	207.9	1.62	30	
1,1,1-Trichloroethane	229.6	10	200	0	115	75-130	220.2	4.18	30	
1,1,2,2-Tetrachloroethane	213.7	10	200	0	107	75-130	221.3	3.49	30	
1,1,2-Trichloroethane	222.3	10	200	0	111	75-125	216.6	2.6	30	
1,1-Dichloroethane	215.9	10	200	0	108	75-133	212.4	1.63	30	
1,1-Dichloroethene	211.1	10	200	0	106	70-145	208.4	1.29	30	
1,1-Dichloropropene	209.3	10	200	0	105	75-135	198.9	5.1	30	
1,2,3-Trichlorobenzene	213.6	10	200	0	107	70-140	209.8	1.89	30	
1,2,3-Trichloropropane	203.8	10	200	0	102	75-125	214.6	5.16	30	
1,2,4-Trichlorobenzene	218.8	10	200	0	109	70-135	219.4	0.274	30	
1,2,4-Trimethylbenzene	240.7	10	200	24.5	108	75-130	238.8	0.792	30	
1,2-Dibromo-3-chloropropane	173.2	10	200	0	86.6	60-130	182.5	5.23	30	
1,2-Dibromoethane	218.4	10	200	0	109	80-150	218.2	0.0916	30	
1,2-Dichlorobenzene	222	10	200	0	111	70-130	218	1.82	30	
1,2-Dichloroethane	207.1	10	200	0	104	75-125	196.5	5.25	30	
1,2-Dichloropropane	227.4	10	200	0	114	75-125	212.4	6.82	30	
1,3,5-Trimethylbenzene	248.5	10	200	8	120	75-130	245.3	1.3	30	
1,3-Dichlorobenzene	226.1	10	200	0	113	75-130	225.9	0.0885	30	
1,3-Dichloropropane	219.7	10	200	0	110	75-125	217.3	1.1	30	
1,4-Dichlorobenzene	217.4	10	200	0	109	75-130	212	2.52	30	
2,2-Dichloropropane	206.5	10	200	0	103	65-150	210.7	2.01	30	
2-Butanone	171	50	200	0	85.5	55-150	178.4	4.24	30	
2-Chlorotoluene	232.2	10	200	0	116	80-125	225.9	2.75	30	
2-Hexanone	209.5	10	200	0	105	60-135	215.1	2.64	30	
4-Chlorotoluene	234.2	10	200	0	117	80-125	232.4	0.772	30	
4-Methyl-2-pentanone	266.2	10	200	0	133	77-176	284.2	6.54	30	
Acetone	155.6	100	200	0	77.8	60-160	170	8.85	30	
Benzene	225.8	10	200	0	113	85-125	217.7	3.65	30	
Bromobenzene	222.3	10	200	0	111	80-125	220.1	0.995	30	
Bromochloromethane	206.3	10	200	0	103	75-130	201.7	2.25	30	
Bromodichloromethane	214.9	10	200	0	107	75-125	202.4	5.99	30	
Bromoform	178.6	10	200	0	89.3	60-125	185.9	4.01	30	
Bromomethane	197.3	10	200	0	98.6	30-185	186.4	5.68	30	
Carbon disulfide	193.4	10	200	0	96.7	60-165	189	2.3	30	
Carbon tetrachloride	214.5	10	200	0	107	65-140	209.2	2.5	30	
Chlorobenzene	220.1	10	200	0	110	80-120	220.7	0.272	30	
Chloroethane	193.9	10	200	0	97	50-140	189.3	2.4	30	
Chloroform	206.2	10	200	0	103	80-130	200.1	3	30	
Chloromethane	171.7	10	200	0	85.8	50-130	165	3.98	30	
cis-1,2-Dichloroethene	208.5	10	200	0	104	75-134	206.8	0.819	30	
cis-1,3-Dichloropropene	222.1	10	200	0	111	70-130	213.5	3.95	30	
Dibromochloromethane	193.6	10	200	0	96.8	60-115	189	2.4	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Batch ID: R177571b Instrument ID VMS6 Method: SW8260B

Dibromomethane	212.1	10	200	0	106	85-125	200.6	5.57	30
Dichlorodifluoromethane	148.4	10	200	0	74.2	20-120	145.3	2.11	30
Ethylbenzene	235.3	10	200	0	118	85-125	235.9	0.255	30
Hexachlorobutadiene	246.1	10	200	0	123	70-155	237.1	3.73	30
Isopropylbenzene	245.1	10	200	0	123	80-127	245.3	0.0816	30
m,p-Xylene	477	20	400	6.3	118	75-130	471.4	1.18	30
Methyl tert-butyl ether	216.3	10	200	0	108	80-130	211.3	2.34	30
Methylene chloride	209.6	50	200	0	105	75-140	203.3	3.05	30
Naphthalene	203.1	50	200	20	91.6	55-160	208.5	2.62	30
n-Butylbenzene	246.2	10	200	13.9	116	75-145	238.9	3.01	30
n-Propylbenzene	241	10	200	3.5	119	78-120	238.9	0.875	30
o-Xylene	231.7	10	200	0	116	80-125	227.2	1.96	30
p-Isopropyltoluene	249.3	10	200	0	125	81-138	242	2.97	30
sec-Butylbenzene	248.4	10	200	0	124	80-134	248.9	0.201	30
Styrene	232.7	10	200	0	116	85-125	234.2	0.643	30
tert-Butylbenzene	239.5	10	200	0	120	70-130	244.8	2.19	30
Tetrachloroethene	226.6	10	200	0	113	77-138	227.3	0.308	30
Toluene	225.6	10	200	0	113	85-125	226	0.177	30
trans-1,2-Dichloroethene	206.2	10	200	0	103	80-140	207.1	0.436	30
trans-1,3-Dichloropropene	217	10	200	0	108	81-123	213.5	1.63	30
Trichloroethene	215.8	10	200	0	108	84-130	208.7	3.35	30
Trichlorofluoromethane	188	10	200	0	94	60-140	180.9	3.85	30
Vinyl chloride	175	10	200	0	88	50-136	175.6	1.36	30
Xylenes, Total	708.7	30	600	6.3	117	80-126	698.6	1.44	30
Surr: 1,2-Dichloroethane-d4	*191.8*	0	*200*	0	*95.9*	*75-120*	190.2	*0.838*	30
Surr: 4-Bromofluorobenzene	*202.1*	0	*200*	0	*101*	*80-110*	207.4	*2.59*	30
Surr: Dibromofluoromethane	*196.5*	0	*200*	0	*98.2*	*85-115*	188.4	*4.21*	30
Surr: Toluene-d8	*199.2*	0	*200*	0	*99.6*	*85-110*	202.5	*1.64*	30

The following samples were analyzed in this batch: 1512291-01A

Notes: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177583b Instrument ID Titrator-1 Method: SW9040C

LCS	Sample ID: WLCSW1-151204-R177583b									
Client ID	Run ID: TITRATOR_1_151204A			SeqNo: 3603783	Units: s.u.	Prep Date	Analysis Date: 12/04/15 02:30 PM		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH (laboratory)	4.23	0	4.4	0	96.1	90-110	0			

DUP	Sample ID: 1512100-01F DUP									
Client ID	Run ID: TITRATOR_1_151204A			SeqNo: 3603790	Units: s.u.	Prep Date	Analysis Date: 12/04/15 02:30 PM		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH (laboratory)	7.8	0	0	0	0		7.8	0	20	

The following samples were analyzed in this batch: 1512291-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177606 Instrument ID WETCHEM Method: SW1010A

LCS	Sample ID: LCS-R177606-R177606				Units: F		Analysis Date: 12/04/15 09:50 AM			
Client ID	Run ID: WETCHEM_151204I				SeqNo: 3804106	Prep Date:	DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Flashpoint/Ignitability	82	0	81	0	101	97-103		0		

DUP	Sample ID: 1512103-01A DUP				Units: F		Analysis Date: 12/04/15 09:50 AM			
Client ID	Run ID: WETCHEM_151204I				SeqNo: 3804108	Prep Date:	DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Flashpoint/Ignitability	165	0	0	0	0	0-0	157	4.97	10	

The following samples were analyzed in this batch: 1512291-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177708 Instrument ID WETCHEM Method: SW7.3.4.2

MBLK	Sample ID: MB-R177708-R177708				Units: mg/Kg			Analysis Date: 12/07/15 02:50 PM		
Client ID:		Run ID: WETCHEM_151207K			SeqNo: 3606483		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfide, Reactive	U	100								

LCS	Sample ID: LCS-R177708-R177708				Units: mg/Kg			Analysis Date: 12/07/15 02:50 PM		
Client ID:		Run ID: WETCHEM_151207K			SeqNo: 3606484		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfide, Reactive	1512	100	2149	0	70.4	60-120	0			

The following samples were analyzed in this batch: 1512291-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: [redacted]
Work Order:
Project:

QC BATCH REPORT

Batch ID: R177709 Instrument ID WETCHEM Method: SW7.3.3.2

MBLK	Sample ID: MB-R177709-R177709				Units: mg/Kg			Analysis Date: 12/07/15 04:02 PM		
Client ID:	Run ID: WETCHEM_151207L				SeqNo: 3605490	Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	U	100								

LCS	Sample ID: LCS-R177709-R177709				Units: mg/Kg			Analysis Date: 12/07/15 04:02 PM		
Client ID:	Run ID: WETCHEM_151207L				SeqNo: 3606491	Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	124.8	100	125	0	99.8	75-125		0		

MS	Sample ID: 1512291-01B MS				Units: mg/Kg			Analysis Date: 12/07/15 04:02 PM		
Client ID: SWMU 6 Leachate	Run ID: WETCHEM_151207L				SeqNo: 3606496	Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	229.4	100	250	0	91.8	50-150		0		

MSD	Sample ID: 1512291-01B MSD				Units: mg/Kg			Analysis Date: 12/07/15 04:02 PM		
Client ID: SWMU 6 Leachate	Run ID: WETCHEM_151207L				SeqNo: 3606497	Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	229.4	100	250	0	91.8	50-150	229.4	0	35	

The following samples were analyzed in this batch: 1512291-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

ALS Environmental
10450 Stancliff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

Chain of Custody Form

Page 1 of 1

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Customer Information		Project Information		ALS Project Manager:	TDS	ALS Work Order #:	1512741
Purchase Order	5411065	Project Name	2015 SWMU 6 Leachate	Parameter/Method Request for Analysis			
Work Order		Project Number		A	Flash Point		
Company Name	[redacted]	Bill To Company		B	TCLP - Sb, As, Ba, Be, Cd, Cr, Pb, Hg, Ni, Se, Ag, Tl, Zn (KAST)		
Send Report To		Invoice Attn		C	TCLP - Cd, Cr, Pb, Ni, Ag (F006)		
Address		Address		D	TCLP - Sb, As, Ba, Be, Cd, Cr, Pb, Hg, Ni, Se, Ag, Tl (UHC)		
City/State/Zip		City/State/Zip		E	TCLP (circled) - Sb, As, Ba, Be, Cd, Cr, Pb, Hg, Ni, Se, Ag, Tl, Zn		
Phone		Phone		F	TOTAL PCB		
Fax		Fax		G	pH		
e-Mail Address	LHumphrey@envirosafeservices.com			H	REACTIVE CYANIDE, REACTIVE SULFIDE		
				I	TCLP D-CODE ORGANICS (NO PESTS OR HERBS)		
				J	TOTAL VOC'S AND SVOC'S		

No.	Sample Description	Date	Time	Matrix	Preservative Key Numbers	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SWMU 6 Leachate	12/2/2015	1325	water	-	7	X			(X)		X	X	X	(X)	X	
2	TRIP BLANK	—	—							-2					-2	X	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign:

Shipment Method:

Required Turnaround Time: (Check Box) ☐ 10 Wk Days ☐ 5 Wk Days ☐ 3 Wk Days ☐ 2 Wk Days ☐ 1 Wk Days ☐ Other

Results Due Date: 12/14/15

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	12/3/15	1241p	Kim Nalepa	12/3/15	1241p
Relinquished by: Kim Nalepa	Date: 12/3	Time: 3p	Received by (Laboratory): FED EX	Date: 12/3	Time: 3p
Logged by (Laboratory): [signature]	Date: 12/4/15	Time: 1215	Checked by (Laboratory): TDS		

Notes: B - TCLP Extract [signature] 12/4/15 0930

Cooler Temp.

QC Package: (Check Box Below):
- ☑ Level II: Standard QC
- ☐ Level III: Raw Data
- ☐ TRRP LRC
- ☐ TRRP Level IV
- ☐ Level IV: SW846 Methods/CLP like
- ☐ Other:

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS.

3.6c

Do Not Lift Using This Tag

[redacted]

TO SAMPLE RECEIVING
ALS LABORATORY GROUP
3352 128TH AVE

HOLLAND MI 49424
(616) 399-6070

FedEx Express

TRK# 0201 7818 5057 5045

FRI - 04 DEC 10:30
PRIORITY OVERNIGHT
AH
49423
MI-US GRI

NA HLMA

CUSTODY SEAL
Date
Name
Company

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6165

ALS

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: [redacted]

Work Order: [redacted]

Date/Time Received: 04-Dec-15 09:30

Received by: KRW

Checklist completed by: eSignature — Date: 04-Dec-15

Reviewed by: eSignature — Date: 04-Dec-15

Matrices: Water

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.6/3.6 C	SR2	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	12/4/2015 12:29:48 PM		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

[redacted]

00759

Lab Name	Lot ID	Lab Sampl	Client Sam	Matrix	Sample Ty	Collected	Received	Prepped
ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
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ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
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ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
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ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
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ALSHN	1512291	1512291-0:	SWMU 6 I	Tclp Extrac	SA	12/02/2015	12/04/2015	12/07/2015
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ALSHN	1512291	1512291-0	SWMU 6 L	Water	SA	12/02/2015	12/04/2015	09:30
ALSHN	1512291	1512291-0	SWMU 6 L	Water	SA	12/02/2015	12/04/2015	09:30
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ALSHN	1512291	1512291-0 Trip Blank	Water	SA	12/02/2015	12/04/2015 09:30	
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ALSHN	1512291	1512291-0 Trip Blank	Water	SA	12/02/2015	12/04/2015 09:30	
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ALSHN	1512291	1512291-0 Trip Blank	Water	SA	12/02/2015	12/04/2015 09:30	
ALSHN	1512291	1512291-0 Trip Blank	Water	SA	12/02/2015	12/04/2015 09:30	
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ALSHN	1512291	1512291-0 Trip Blank	Water	SA	12/02/2015	12/04/2015 09:30	
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7	Water	MB	12/07/2015	13:13	12/07/2015

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ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13 12/07/2015
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ALSHN	1512291	1512291-0	1512291-0	Soil	MSD	12/02/2015 12/04/2015 09:30
ALSHN	1512291	LCS-7986E	LCS-7986E	Water	LCS	12/07/2015 10:45 12/07/2015
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ALSHN	1512291	LCS-7986E	LCS-7986E	Water	LCS	12/07/2015 10:45 12/07/2015
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ALSHN	1512291	LCS-7986E	LCS-7986E	Water	LCS	12/07/2015 10:45 12/07/2015
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ALSHN	1512291	LCS-7986E	LCS-7986E	Water	LCS	12/07/2015 10:45 12/07/2015
ALSHN	1512291	LCS-7990E	LCS-7990E	Water	LCS	12/07/2015 17:24 12/07/2015
ALSHN	1512291	LCS-R177(	LCS-R177(	Misc	LCS	
ALSHN	1512291	LCS-R177	LCS-R177	Soil	LCS	
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ALSHN	1512291	MBLK-798(	MBLK-798(	Water	MB	12/07/2015 10:45 12/07/2015
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ALSHN	1512291	MBLK-798(	MBLK-798(	Water	MB	12/07/2015 10:45 12/07/2015
ALSHN	1512291	MBLK-798(	MBLK-798(	Water	MB	12/07/2015 10:45 12/07/2015
ALSHN	1512291	MBLK-798(	MBLK-798(	Water	MB	12/07/2015 10:45 12/07/2015
ALSHN	1512291	MBLK-798(	MBLK-798(	Water	MB	12/07/2015 10:45 12/07/2015

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ALSHN	1512291	MBLK-798(	MBLK-798(	Water	MB	12/07/2015 10:45	12/07/2015
ALSHN	1512291	MBLK-799(	MBLK-799(	Water	MB	12/07/2015 17:24	12/07/2015
ALSHN	1512291	MB-R1777(	MB-R1777(	Soil	MB		
ALSHN	1512291	MB-R1777(	MB-R1777(	Soil	MB		
ALSHN	1512291	PBLKW1-7	PBLKW1-7	Water	MB	12/07/2015 16:26	12/07/2015
ALSHN	1512291	PBLKW1-7	PBLKW1-7	Water	MB	12/07/2015 16:26	12/07/2015
ALSHN	1512291	PLCSW1-7	PLCSW1-7	Water	LCS	12/07/2015 16:26	12/07/2015
ALSHN	1512291	PLCSW1-7	PLCSW1-7	Water	LCS	12/07/2015 16:26	12/07/2015
ALSHN	1512291	SBLKW1-7	SBLKW1-7	Water	MB	12/07/2015 13:13

ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Water	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	VBLKW1-1 VBLKW1-1 Water	MB		
ALSHN	1512291	VBLKW1-1 VBLKW1-1 Water	MB		
ALSHN	1512291	VBLKW1-1 VBLKW1-1 Water	MB		
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ALSHN	1512291	VBLKW1-1 VBLKW1-1 Water	MB		
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015

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ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SBLKW1-7 SBLKW1-7 Tclp Extrac	MB	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7 SLCSW1-7 Water	LCS	12/07/2015 13:13	12/07/2015

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ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Water	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7	Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015

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ALSHN	1512291	SLCSW1-7	SLCSW1-7 Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7 Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
ALSHN	1512291	SLCSW1-7	SLCSW1-7 Tclp Extrac	LCS	12/07/2015 13:13	12/07/2015
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ALSHN	1512291	VLCSW1-1 VLCSW1-1 Water	LCS
ALSHN	1512291	VLCSW1-1 VLCSW1-1 Water	LCS
ALSHN	1512291	VLCSW1-1 VLCSW1-1 Water	LCS
ALSHN	1512291	VLCSW1-1 VLCSW1-1 Water	LCS

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ALSHN	1512291	VLCSW1-1VLCSW1-1Water	LCS

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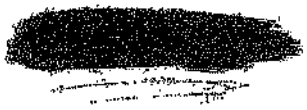
ALSHN	1512291	VLCSW2-1VLCSW2-1Water	LCS



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ALSHN	1512291	WLCSW1-WLCSW1-Water	LCS

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Analyzed	Method	Prep Batch	Prep Type	Dilution	Percent Mc	Analyte	CAS	Analyte Ty
12/08/2015	SW8270	79849	Total	1		p-Cresol	106-44-5	Target
12/08/2015	SW8270	79849	Total	1		1,4-Dichlor	106-46-7	Target
12/08/2015	SW8270	79849	Total	1		m-Cresol	108-39-4	Target
12/08/2015	SW8270	79849	Total	1		Pyridine	110-86-1	Target
12/08/2015	SW8270	79849	Total	1		Hexachlorc	118-74-1	Target
12/08/2015	SW8270	79849	Total	1		2,4,6-Tribr	118-79-6	Surrogate
12/08/2015	SW8270	79849	Total	1		2,4-Dinitrot	121-14-2	Target
12/08/2015	SW8270	79849	Total	1		Phenol-d6	13127-88-3	Surrogate
12/08/2015	SW8270	79849	Total	1		4-Terphenj	1718-51-0	Surrogate
12/08/2015	SW8270	79849	Total	1		2-Fluorobip	321-60-8	Surrogate
12/08/2015	SW8270	79849	Total	1		2-Fluoroph	367-12-4	Surrogate
12/08/2015	SW8270	79849	Total	1		Nitrobenze	4165-60-0	Surrogate
12/08/2015	SW8270	79849	Total	1		Hexachlorc	67-72-1	Target
12/08/2015	SW8270	79849	Total	1		Hexachlorc	87-68-3	Target
12/08/2015	SW8270	79849	Total	1		Pentachlor	87-86-5	Target
12/08/2015	SW8270	79849	Total	1		2,4,6-Trich	88-06-2	Target
12/08/2015	SW8270	79849	Total	1		o-Cresol	95-48-7	Target
12/08/2015	SW8270	79849	Total	1		2,4,5-Trich	95-95-4	Target
12/08/2015	SW8270	79849	Total	1		Nitrobenze	98-95-3	Target
12/04/2015	SW8260B	79825	Total	20		1,2-Dichlor	107-06-2	Target
12/04/2015	SW8260B	79825	Total	20		Chlorobenz	108-90-7	Target
12/04/2015	SW8260B	79825	Total	20		Tetrachlorc	127-18-4	Target
12/04/2015	SW8260B	79825	Total	20		1,2-Dichlor	17060-07-0	Surrogate
12/04/2015	SW8260B	79825	Total	20		Dibromoflu	1868-53-7	Surrogate
12/04/2015	SW8260B	79825	Total	20		Toluene-d8	2037-26-5	Surrogate
12/04/2015	SW8260B	79825	Total	20		4-Bromoflu	460-00-4	Surrogate
12/04/2015	SW8260B	79825	Total	20		Carbon tet	56-23-5	Target
12/04/2015	SW8260B	79825	Total	20		Chloroform	67-66-3	Target
12/04/2015	SW8260B	79825	Total	20		Benzene	71-43-2	Target
12/04/2015	SW8260B	79825	Total	20		Vinyl chlori	75-01-4	Target
12/04/2015	SW8260B	79825	Total	20		1,1-Dichlor	75-35-4	Target
12/04/2015	SW8260B	79825	Total	20		2-Butanone	78-93-3	Target
12/04/2015	SW8260B	79825	Total	20		Trichloroeth	79-01-6	Target
12/07/2015	SW6020A	79865	Total	1		Lead	7439-92-1	Target
12/07/2015	SW6020A	79865	Total	1		Nickel	7440-02-0	Target
12/07/2015	SW6020A	79865	Total	1		Silver	7440-22-4	Target
12/07/2015	SW6020A	79865	Total	1		Thallium	7440-28-0	Target
12/07/2015	SW6020A	79865	Total	1		Antimony	7440-36-0	Target
12/07/2015	SW6020A	79865	Total	1		Arsenic	7440-38-2	Target
12/07/2015	SW6020A	79865	Total	1		Barium	7440-39-3	Target
12/07/2015	SW6020A	79865	Total	1		Beryllium	7440-41-7	Target
12/07/2015	SW6020A	79865	Total	1		Cadmium	7440-43-9	Target
12/07/2015	SW6020A	79865	Total	1		Chromium	7440-47-3	Target
12/07/2015	SW6020A	79865	Total	1		Selenium	7782-49-2	Target
12/07/2015	SW7470A	79906	Total	1		Mercury	7439-97-6	Target
12/04/2015	SW8260B	R177571b	Total	5		Ethylbenze	100-41-4	Target
12/04/2015	SW8260B	R177571b	Total	5		Styrene	100-42-5	Target
12/04/2015	SW8260B	R177571b	Total	5		cis-1,3-Dicl	10061-01-5	Target
12/04/2015	SW8260B	R177571b	Total	5		trans-1,3-D	10061-02-6	Target
12/04/2015	SW8260B	R177571b	Total	5		n-Propylbe	103-65-1	Target
12/04/2015	SW8260B	R177571b	Total	5		n-Butylben	104-51-8	Target

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12/04/2015	SW8260B	R177571b	Total	5	4-Chlorotol	106-43-4	Target
12/04/2015	SW8260B	R177571b	Total	5	1,4-Dichlor	106-46-7	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2-Dibrom	106-93-4	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2-Dichlor	107-06-2	Target
12/04/2015	SW8260B	R177571b	Total	5	4-Methyl-2-	108-10-1	Target
12/04/2015	SW8260B	R177571b	Total	5	1,3,5-Trime	108-67-8	Target
12/04/2015	SW8260B	R177571b	Total	5	Bromobenz	108-86-1	Target
12/04/2015	SW8260B	R177571b	Total	5	Toluene	108-88-3	Target
12/04/2015	SW8260B	R177571b	Total	5	Chlorobenz	108-90-7	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2,4-Trich	120-82-1	Target
12/04/2015	SW8260B	R177571b	Total	5	Dibromoch	124-48-1	Target
12/04/2015	SW8260B	R177571b	Total	5	Tetrachlorc	127-18-4	Target
12/04/2015	SW8260B	R177571b	Total	5	Xylenes, Ti	1330-20-7	Target
12/04/2015	SW8260B	R177571b	Total	5	sec-Butylbe	135-98-8	Target
12/04/2015	SW8260B	R177571b	Total	5	m,p-Xylene	M/P-XYLEI	Target
12/04/2015	SW8260B	R177571b	Total	5	1,3-Dichlor	142-28-9	Target
12/04/2015	SW8260B	R177571b	Total	5	cis-1,2-Dicl	156-59-2	Target
12/04/2015	SW8260B	R177571b	Total	5	trans-1,2-D	156-60-5	Target
12/04/2015	SW8260B	R177571b	Total	5	Methyl tert-	1634-04-4	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2-Dichlor	17060-07-(	Surrogate
12/04/2015	SW8260B	R177571b	Total	5	Dibromoflu	1868-53-7	Surrogate
12/04/2015	SW8260B	R177571b	Total	5	Toluene-d8	2037-26-5	Surrogate
12/04/2015	SW8260B	R177571b	Total	5	4-Bromoflu	460-00-4	Surrogate
12/04/2015	SW8260B	R177571b	Total	5	1,3-Dichlor	541-73-1	Target
12/04/2015	SW8260B	R177571b	Total	5	Carbon tetı	56-23-5	Target
12/04/2015	SW8260B	R177571b	Total	5	1,1-Dichlor	563-58-6	Target
12/04/2015	SW8260B	R177571b	Total	5	2-Hexanon	591-78-6	Target
12/04/2015	SW8260B	R177571b	Total	5	2,2-Dichlor	594-20-7	Target
12/04/2015	SW8260B	R177571b	Total	5	1,1,1,2-Tet	630-20-6	Target
12/04/2015	SW8260B	R177571b	Total	5	Acetone	67-64-1	Target
12/04/2015	SW8260B	R177571b	Total	5	Chloroform	67-66-3	Target
12/04/2015	SW8260B	R177571b	Total	5	Benzene	71-43-2	Target
12/04/2015	SW8260B	R177571b	Total	5	1,1,1-Trich	71-55-6	Target
12/04/2015	SW8260B	R177571b	Total	5	Bromometl	74-83-9	Target
12/04/2015	SW8260B	R177571b	Total	5	Chlorometl	74-87-3	Target
12/04/2015	SW8260B	R177571b	Total	5	Dibromom	74-95-3	Target
12/04/2015	SW8260B	R177571b	Total	5	Bromochlo	74-97-5	Target
12/04/2015	SW8260B	R177571b	Total	5	Chloroetha	75-00-3	Target
12/04/2015	SW8260B	R177571b	Total	5	Vinyl chlori	75-01-4	Target
12/04/2015	SW8260B	R177571b	Total	5	Methylene	75-09-2	Target
12/04/2015	SW8260B	R177571b	Total	5	Carbon dis	75-15-0	Target
12/04/2015	SW8260B	R177571b	Total	5	Bromoform	75-25-2	Target
12/04/2015	SW8260B	R177571b	Total	5	Bromodich	75-27-4	Target
12/04/2015	SW8260B	R177571b	Total	5	1,1-Dichlor	75-34-3	Target
12/04/2015	SW8260B	R177571b	Total	5	1,1-Dichlor	75-35-4	Target
12/04/2015	SW8260B	R177571b	Total	5	Trichloroflu	75-69-4	Target
12/04/2015	SW8260B	R177571b	Total	5	Dichlorodifl	75-71-8	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2-Dichlor	78-87-5	Target
12/04/2015	SW8260B	R177571b	Total	5	2-Butanone	78-93-3	Target
12/04/2015	SW8260B	R177571b	Total	5	1,1,2-Trich	79-00-5	Target
12/04/2015	SW8260B	R177571b	Total	5	Trichloroeth	79-01-6	Target
12/04/2015	SW8260B	R177571b	Total	5	1,1,2,2-Tet	79-34-5	Target

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12/04/2015	SW8260B	R177571b	Total	5	1,2,3-Trich	87-61-6	Target
12/04/2015	SW8260B	R177571b	Total	5	Hexachlorc	87-68-3	Target
12/04/2015	SW8260B	R177571b	Total	5	Naphthaler	91-20-3	Target
12/04/2015	SW8260B	R177571b	Total	5	o-Xylene	95-47-6	Target
12/04/2015	SW8260B	R177571b	Total	5	2-Chlorotol	95-49-8	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2-Dichlor	95-50-1	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2,4-Trime	95-63-6	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2-Dibrom	96-12-8	Target
12/04/2015	SW8260B	R177571b	Total	5	1,2,3-Trich	96-18-4	Target
12/04/2015	SW8260B	R177571b	Total	5	tert-Butylbe	98-06-6	Target
12/04/2015	SW8260B	R177571b	Total	5	Isopropylbe	98-82-8	Target
12/04/2015	SW8260B	R177571b	Total	5	p-Isopropyl	99-87-6	Target
12/07/2015	SW7.3.3.2	R177709	Total	1	Cyanide, R	57-12-5	Target
12/07/2015	SW7.3.4.2	R177708	Total	1	Sulfide, Re	18496-25-8	Target
12/04/2015	SW1010A	R177606	Total	1	Flashpoint/	FLASHPT	Target
12/04/2015	SW9040C	R177583b	Total	1	pH (laborat	PH	Target
12/07/2015	SW8082	79854A	Total	1	Aroclor 126	11096-82-5	Target
12/07/2015	SW8082	79854A	Total	1	Aroclor 125	11097-69-1	Target
12/08/2015	SW8270C	79848	Total	1	4-Nitroquin	56-57-5	Target
12/08/2015	SW8270C	79848	Total	1	7,12-Dimet	57-97-6	Target
12/08/2015	SW8270C	79848	Total	1	2,3,4,6-Tet	58-90-2	Target
12/08/2015	SW8270C	79848	Total	1	N-Nitrosom	59-89-2	Target
12/08/2015	SW8270C	79848	Total	1	p-Dimethyl	60-11-7	Target
12/08/2015	SW8270C	79848	Total	1	2,6-Dinitrot	606-20-2	Target
12/08/2015	SW8270C	79848	Total	1	Pentachlor	608-93-5	Target
12/08/2015	SW8270C	79848	Total	1	N-Nitrosod	621-64-7	Target
12/08/2015	SW8270C	79848	Total	1	Phenacetin	62-44-2	Target
12/08/2015	SW8270C	79848	Total	1	Ethyl meth	62-50-0	Target
12/08/2015	SW8270C	79848	Total	1	Aniline	62-53-3	Target
12/08/2015	SW8270C	79848	Total	1	N-Nitrosod	62-75-9	Target
12/08/2015	SW8270C	79848	Total	1	Methyl met	66-27-3	Target
12/08/2015	SW8270C	79848	Total	1	Hexachlorc	67-72-1	Target
12/08/2015	SW8270C	79848	Total	1	4-Chloroph	7005-72-3	Target
12/07/2015	SW8082	79854A	Total	1	Aroclor 122	11104-28-2	Target
12/07/2015	SW8082	79854A	Total	1	Aroclor 123	11141-16-5	Target
12/07/2015	SW8082	79854A	Total	1	Aroclor 124	12672-29-6	Target
12/07/2015	SW8082	79854A	Total	1	Aroclor 10	12674-11-2	Target
12/07/2015	SW8082	79854A	Total	1	Decachlorc	2051-24-3	Surrogate
12/07/2015	SW8082	79854A	Total	1	Aroclor 124	53469-21-9	Target
12/07/2015	SW8082	79854A	Total	1	Tetrachlorc	877-09-8	Surrogate
12/08/2015	SW8270C	79848	Total	1	4-Nitroanilli	100-01-6	Target
12/08/2015	SW8270C	79848	Total	1	4-Nitrophei	100-02-7	Target
12/08/2015	SW8270C	79848	Total	1	Benzyl alcc	100-51-6	Target
12/08/2015	SW8270C	79848	Total	1	4-Bromoph	101-55-3	Target
12/08/2015	SW8270C	79848	Total	1	2,4-Dimeth	105-67-9	Target
12/08/2015	SW8270C	79848	Total	1	N-Nitrosom	10595-95-6	Target
12/08/2015	SW8270C	79848	Total	1	1,4-Dichlor	106-46-7	Target
12/08/2015	SW8270C	79848	Total	1	4-Chloroan	106-47-8	Target
12/08/2015	SW8270C	79848	Total	1	Bis(2-chlor	108-60-1	Target
12/08/2015	SW8270C	79848	Total	1	Phenol	108-95-2	Target
12/08/2015	SW8270C	79848	Total	1	2-Picoline	109-06-8	Target
12/08/2015	SW8270C	79848	Total	1	Pyridine	110-86-1	Target

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12/08/2015	SW8270C	79848	Total	1	Bis(2-chlor	111-44-4	Target
12/08/2015	SW8270C	79848	Total	1	Bis(2-chlor	111-91-1	Target
12/08/2015	SW8270C	79848	Total	1	Bis(2-ethyll	117-81-7	Target
12/08/2015	SW8270C	79848	Total	1	Di-n-octyl p	117-84-0	Target
12/08/2015	SW8270C	79848	Total	1	Hexachlorc	118-74-1	Target
12/08/2015	SW8270C	79848	Total	1	2,4,6-Tribro	118-79-6	Surrogate
12/08/2015	SW8270C	79848	Total	1	Anthracene	120-12-7	Target
12/08/2015	SW8270C	79848	Total	1	Isosafrole	120-58-1	Target
12/08/2015	SW8270C	79848	Total	1	1,2,4-Trich	120-82-1	Target
12/08/2015	SW8270C	79848	Total	1	2,4-Dichlor	120-83-2	Target
12/08/2015	SW8270C	79848	Total	1	2,4-Dinitrot	121-14-2	Target
12/08/2015	SW8270C	79848	Total	1	Pyrene	129-00-0	Target
12/08/2015	SW8270C	79848	Total	1	Dimethyl pl	131-11-3	Target
12/08/2015	SW8270C	79848	Total	1	Phenol-d6	13127-88-3	Surrogate
12/08/2015	SW8270C	79848	Total	1	Dibenzofur	132-64-9	Target
12/08/2015	SW8270C	79848	Total	1	1-Naphthyl	134-32-7	Target
12/08/2015	SW8270C	79848	Total	1	4-Terphenyl	1718-51-0	Surrogate
12/08/2015	SW8270C	79848	Total	1	Benzo(g,h,	191-24-2	Target
12/08/2015	SW8270C	79848	Total	1	Indeno(1,2	193-39-5	Target
12/08/2015	SW8270C	79848	Total	1	Benzo(b)flu	205-99-2	Target
12/08/2015	SW8270C	79848	Total	1	Fluoranthe	206-44-0	Target
12/08/2015	SW8270C	79848	Total	1	Benzo(k)flu	207-08-9	Target
12/08/2015	SW8270C	79848	Total	1	Acenaphthy	208-96-8	Target
12/08/2015	SW8270C	79848	Total	1	Chrysene	218-01-9	Target
12/08/2015	SW8270C	79848	Total	1	2-Fluorobip	321-60-8	Surrogate
12/08/2015	SW8270C	79848	Total	1	3&4-Methy	34METPH	Target
12/08/2015	SW8270C	79848	Total	1	2-Fluoroph	367-12-4	Surrogate
12/08/2015	SW8270C	79848	Total	1	Nitrobenze	4165-60-0	Surrogate
12/08/2015	SW8270C	79848	Total	1	Benzo(a)py	50-32-8	Target
12/08/2015	SW8270C	79848	Total	1	2,4-Dinitrot	51-28-5	Target
12/08/2015	SW8270C	79848	Total	1	4,6-Dinitro-	534-52-1	Target
12/08/2015	SW8270C	79848	Total	1	Dibenzo(a,	53-70-3	Target
12/08/2015	SW8270C	79848	Total	1	2-Acetylam	53-96-3	Target
12/08/2015	SW8270C	79848	Total	1	1,3-Dichlor	541-73-1	Target
12/08/2015	SW8270C	79848	Total	1	N-Nitrosod	55-18-5	Target
12/08/2015	SW8270C	79848	Total	1	3-Methylch	56-49-5	Target
12/08/2015	SW8270C	79848	Total	1	Benzo(a)ar	56-55-3	Target
12/08/2015	SW8270C	79848	Total	1	Hexachlorc	77-47-4	Target
12/08/2015	SW8270C	79848	Total	1	Isophorone	78-59-1	Target
12/08/2015	SW8270C	79848	Total	1	Pentachlor	82-68-8	Target
12/08/2015	SW8270C	79848	Total	1	Acenaphth	83-32-9	Target
12/08/2015	SW8270C	79848	Total	1	Diethyl phtl	84-66-2	Target
12/08/2015	SW8270C	79848	Total	1	Di-n-butyl p	84-74-2	Target
12/08/2015	SW8270C	79848	Total	1	Phenanthre	85-01-8	Target
12/08/2015	SW8270C	79848	Total	1	Butyl benzy	85-68-7	Target
12/08/2015	SW8270C	79848	Total	1	Fluorene	86-73-7	Target
12/08/2015	SW8270C	79848	Total	1	Carbazole	86-74-8	Target
12/08/2015	SW8270C	79848	Total	1	2,6-Dichlor	87-65-0	Target
12/08/2015	SW8270C	79848	Total	1	Hexachlorc	87-68-3	Target
12/08/2015	SW8270C	79848	Total	1	Pentachlor	87-86-5	Target
12/08/2015	SW8270C	79848	Total	1	2,4,6-Trich	88-06-2	Target
12/08/2015	SW8270C	79848	Total	1	2-Nitroanili	88-74-4	Target

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12/08/2015	SW8270C	79848	Total	1	2-Nitrophei	88-75-5	Target
12/08/2015	SW8270C	79848	Total	1	1-Methylna	90-12-0	Target
12/08/2015	SW8270C	79848	Total	1	Naphthaler	91-20-3	Target
12/08/2015	SW8270C	79848	Total	1	2-Methylna	91-57-6	Target
12/08/2015	SW8270C	79848	Total	1	2-Chlorona	91-58-7	Target
12/08/2015	SW8270C	79848	Total	1	2-Naphthyl	91-59-8	Target
12/08/2015	SW8270C	79848	Total	1	Methapyrile	91-80-5	Target
12/08/2015	SW8270C	79848	Total	1	3,3'-Dichlo	91-94-1	Target
12/08/2015	SW8270C	79848	Total	1	N-Nitroso-c	924-16-3	Target
12/08/2015	SW8270C	79848	Total	1	4-Aminobip	92-67-1	Target
12/08/2015	SW8270C	79848	Total	1	Benzidine	92-87-5	Target
12/08/2015	SW8270C	79848	Total	1	N-Nitrosop	930-55-2	Target
12/08/2015	SW8270C	79848	Total	1	Safrole	94-59-7	Target
12/08/2015	SW8270C	79848	Total	1	2-Methylph	95-48-7	Target
12/08/2015	SW8270C	79848	Total	1	1,2-Dichlor	95-50-1	Target
12/08/2015	SW8270C	79848	Total	1	o-Toluidine	95-53-4	Target
12/08/2015	SW8270C	79848	Total	1	2-Chloroph	95-57-8	Target
12/08/2015	SW8270C	79848	Total	1	1,2,4,5-Tet	95-94-3	Target
12/08/2015	SW8270C	79848	Total	1	2,4,5-Trich	95-95-4	Target
12/08/2015	SW8270C	79848	Total	1	Acetophen	98-86-2	Target
12/08/2015	SW8270C	79848	Total	1	Nitrobenze	98-95-3	Target
12/08/2015	SW8270C	79848	Total	1	3-Nitroanili	99-09-2	Target
12/08/2015	SW8270C	79848	Total	1	5-Nitro-o-to	99-55-8	Target
12/09/2015	SW8270C	79848	Total	6	4-Chloro-3-	59-50-7	Target
12/04/2015	SW8260B	R177556B	Total	1	Ethylbenze	100-41-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Styrene	100-42-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromometl	74-83-9	Target
12/04/2015	SW8260B	R177556B	Total	1	Chlorometl	74-87-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Dibromom	74-95-3	Target
12/04/2015	SW8260B	R177556B	Total	1	cis-1,3-Dicl	10061-01-5	Target
12/04/2015	SW8260B	R177556B	Total	1	trans-1,3-D	10061-02-6	Target
12/04/2015	SW8260B	R177556B	Total	1	n-Propylbe	103-65-1	Target
12/04/2015	SW8260B	R177556B	Total	1	n-Butylben	104-51-8	Target
12/04/2015	SW8260B	R177556B	Total	1	4-Chlorotol	106-43-4	Target
12/04/2015	SW8260B	R177556B	Total	1	1,4-Dichlor	106-46-7	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dibrom	106-93-4	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	107-06-2	Target
12/04/2015	SW8260B	R177556B	Total	1	4-Methyl-2-	108-10-1	Target
12/04/2015	SW8260B	R177556B	Total	1	1,3,5-Trime	108-67-8	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromobenz	108-86-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Toluene	108-88-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Chlorobenz	108-90-7	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,4-Trich	120-82-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Dibromoch	124-48-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Tetrachlorc	127-18-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Xylenes, T	1330-20-7	Target
12/04/2015	SW8260B	R177556B	Total	1	sec-Butylbe	135-98-8	Target
12/04/2015	SW8260B	R177556B	Total	1	m,p-Xylene	M/P-XYLEI	Target
12/04/2015	SW8260B	R177556B	Total	1	1,3-Dichlor	142-28-9	Target
12/04/2015	SW8260B	R177556B	Total	1	cis-1,2-Dicl	156-59-2	Target
12/04/2015	SW8260B	R177556B	Total	1	trans-1,2-D	156-60-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Methyl tert-	1634-04-4	Target

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12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	17060-07-(	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	Dibromoflu	1868-53-7	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	Toluene-d8	2037-26-5	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	4-Bromoflu	460-00-4	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	1,3-Dichlor	541-73-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Carbon tet	56-23-5	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1-Dichlor	563-58-6	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Hexanon	591-78-6	Target
12/04/2015	SW8260B	R177556B	Total	1	2,2-Dichlor	594-20-7	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,1,2-Tet	630-20-6	Target
12/04/2015	SW8260B	R177556B	Total	1	Acetone	67-64-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Chloroform	67-66-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Benzene	71-43-2	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,1-Trich	71-55-6	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromochlo	74-97-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Chloroetha	75-00-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Vinyl chlori	75-01-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Methylene	75-09-2	Target
12/04/2015	SW8260B	R177556B	Total	1	Carbon dis	75-15-0	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromoform	75-25-2	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromodich	75-27-4	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1-Dichlor	75-34-3	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1-Dichlor	75-35-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Trichloroflu	75-69-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Dichlorodifl	75-71-8	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	78-87-5	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Butanone	78-93-3	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,2-Trich	79-00-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Trichloroeth	79-01-6	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,2,2-Tet	79-34-5	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,3-Trich	87-61-6	Target
12/04/2015	SW8260B	R177556B	Total	1	Hexachlorc	87-68-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Naphthaler	91-20-3	Target
12/04/2015	SW8260B	R177556B	Total	1	o-Xylene	95-47-6	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Chlorotol	95-49-8	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	95-50-1	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,4-Trime	95-63-6	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dibrom	96-12-8	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,3-Trich	96-18-4	Target
12/04/2015	SW8260B	R177556B	Total	1	tert-Butylbe	98-06-6	Target
12/04/2015	SW8260B	R177556B	Total	1	Isopropylbe	98-82-8	Target
12/04/2015	SW8260B	R177556B	Total	1	p-Isopropyl	99-87-6	Target
12/07/2015	SW846 82	79848	Total	1	2,4,6-Trich	88-06-2	Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dichlor	120-83-2	Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dimeth	105-67-9	Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dinitrot	51-28-5	Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dinitrot	121-14-2	Target
12/07/2015	SW846 82	79848	Total	1	2,6-Dichlor	87-65-0	Target
12/07/2015	SW846 82	79848	Total	1	2,6-Dinitrot	606-20-2	Target
12/07/2015	SW846 82	79848	Total	1	2-Acetylam	53-96-3	Target
12/07/2015	SW846 82	79848	Total	1	2-Chlorona	91-58-7	Target
12/07/2015	SW846 82	79848	Total	1	2-Chloroph	95-57-8	Target

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12/07/2015	SW846 8270	79848	Total	1	2-Fluorobip	321-60-8	Surrogate
12/07/2015	SW846 8270	79848	Total	1	2-Fluoroph	367-12-4	Surrogate
12/07/2015	SW846 8270	79848	Total	1	2-Methylna	91-57-6	Target
12/07/2015	SW846 8270	79848	Total	1	2-Methylph	95-48-7	Target
12/07/2015	SW846 8270	79848	Total	1	2-Naphthyl	91-59-8	Target
12/07/2015	SW846 8270	79848	Total	1	2-Nitroanili	88-74-4	Target
12/07/2015	SW846 8270	79848	Total	1	2-Nitrophei	88-75-5	Target
12/07/2015	SW846 8270	79848	Total	1	2-Picoline	109-06-8	Target
12/07/2015	SW846 8270	79848	Total	1	3&4-Methy	34METPH	Target
12/07/2015	SW846 8270	79848	Total	1	3,3'-Dichlo	91-94-1	Target
12/07/2015	SW846 8270	79848	Total	1	3-Methylch	56-49-5	Target
12/07/2015	SW846 8270	79848	Total	1	3-Nitroanili	99-09-2	Target
12/07/2015	SW846 8270	79848	Total	1	4,6-Dinitro-	534-52-1	Target
12/07/2015	SW846 8270	79848	Total	1	4-Aminobip	92-67-1	Target
12/07/2015	SW846 8270	79848	Total	1	4-Bromoph	101-55-3	Target
12/07/2015	SW846 8270	79848	Total	1	4-Chloro-3-	59-50-7	Target
12/07/2015	SW846 8270	79848	Total	1	4-Chloroan	106-47-8	Target
12/07/2015	SW846 8270	79848	Total	1	4-Chloroph	7005-72-3	Target
12/07/2015	SW846 8270	79848	Total	1	4-Nitroanili	100-01-6	Target
12/07/2015	SW846 8270	79848	Total	1	4-Nitrophei	100-02-7	Target
12/07/2015	SW846 8270	79848	Total	1	4-Nitroquin	56-57-5	Target
12/07/2015	SW846 8270	79848	Total	1	4-Terpheny	1718-51-0	Surrogate
12/07/2015	SW846 8270	79848	Total	1	5-Nitro-o-to	99-55-8	Target
12/07/2015	SW846 8270	79848	Total	1	7,12-Dimet	57-97-6	Target
12/07/2015	SW846 8270	79848	Total	1	Acenaphth	83-32-9	Target
12/07/2015	SW846 8270	79848	Total	1	Acenaphth	208-96-8	Target
12/07/2015	SW846 8270	79848	Total	1	Acetophen	98-86-2	Target
12/07/2015	SW7.3.3.2	R177709	Total	1	Cyanide, R	57-12-5	Target
12/07/2015	SW7.3.3.2	R177709	Total	1	Cyanide, R	57-12-5	Target
12/07/2015	SW6020A	79865	Total	1	Antimony	7440-36-0	Target
12/07/2015	SW6020A	79865	Total	1	Arsenic	7440-38-2	Target
12/07/2015	SW6020A	79865	Total	1	Barium	7440-39-3	Target
12/07/2015	SW6020A	79865	Total	1	Beryllium	7440-41-7	Target
12/07/2015	SW6020A	79865	Total	1	Cadmium	7440-43-9	Target
12/07/2015	SW6020A	79865	Total	1	Chromium	7440-47-3	Target
12/07/2015	SW6020A	79865	Total	1	Lead	7439-92-1	Target
12/07/2015	SW6020A	79865	Total	1	Nickel	7440-02-0	Target
12/07/2015	SW6020A	79865	Total	1	Selenium	7782-49-2	Target
12/07/2015	SW6020A	79865	Total	1	Silver	7440-22-4	Target
12/07/2015	SW6020A	79865	Total	1	Thallium	7440-28-0	Target
12/07/2015	SW7470A	79906	Total	1	Mercury	7439-97-6	Target
12/04/2015	SW1010A	R177606	Total	1	Flashpoint/	FLASHPT	Target
12/07/2015	SW7.3.4.2	R177708	Total	1	Sulfide, Re	18496-25-8	Target
12/07/2015	SW7.3.3.2	R177709	Total	1	Cyanide, R	57-12-5	Target
12/07/2015	SW6020A	79865	Total	1	Antimony	7440-36-0	Target
12/07/2015	SW6020A	79865	Total	1	Arsenic	7440-38-2	Target
12/07/2015	SW6020A	79865	Total	1	Barium	7440-39-3	Target
12/07/2015	SW6020A	79865	Total	1	Beryllium	7440-41-7	Target
12/07/2015	SW6020A	79865	Total	1	Cadmium	7440-43-9	Target
12/07/2015	SW6020A	79865	Total	1	Chromium	7440-47-3	Target
12/07/2015	SW6020A	79865	Total	1	Lead	7439-92-1	Target
12/07/2015	SW6020A	79865	Total	1	Nickel	7440-02-0	Target

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12/07/2015	SW6020A	79865	Total	1	Selenium	7782-49-2	Target
12/07/2015	SW6020A	79865	Total	1	Silver	7440-22-4	Target
12/07/2015	SW6020A	79865	Total	1	Thallium	7440-28-0	Target
12/07/2015	SW7470A	79906	Total	1	Mercury	7439-97-6	Target
12/07/2015	SW7.3.4.2	R177708	Total	1	Sulfide, Re	18496-25-8	Target
12/07/2015	SW7.3.3.2	R177709	Total	1	Cyanide, R	57-12-5	Target
12/07/2015	SW8082	79854A	Total	1	Decachlorc	2051-24-3	Surrogate
12/07/2015	SW8082	79854A	Total	1	Tetrachlorc	877-09-8	Surrogate
12/07/2015	SW8082	79854A	Total	1	Decachlorc	2051-24-3	Surrogate
12/07/2015	SW8082	79854A	Total	1	Tetrachlorc	877-09-8	Surrogate
12/07/2015	SW846 82'	79848	Total	1	1,2,4,5-Tet	95-94-3	Target
12/07/2015	SW846 82'	79848	Total	1	1,2,4-Trich	120-82-1	Target
12/07/2015	SW846 82'	79848	Total	1	1,2-Dichlor	95-50-1	Target
12/07/2015	SW846 82'	79848	Total	1	1,3-Dichlor	541-73-1	Target
12/07/2015	SW846 82'	79848	Total	1	1,4-Dichlor	106-46-7	Target
12/07/2015	SW846 82'	79848	Total	1	1-Methylna	90-12-0	Target
12/07/2015	SW846 82'	79848	Total	1	1-Naphthyl	134-32-7	Target
12/07/2015	SW846 82'	79848	Total	1	2,3,4,6-Tet	58-90-2	Target
12/07/2015	SW846 82'	79848	Total	1	2,4,5-Trich	95-95-4	Target
12/07/2015	SW846 82'	79848	Total	1	2,4,6-Tribrc	118-79-6	Surrogate
12/07/2015	SW846 82'	79848	Total	1	Aniline	62-53-3	Target
12/07/2015	SW846 82'	79848	Total	1	Anthracene	120-12-7	Target
12/07/2015	SW846 82'	79848	Total	1	Benzidine	92-87-5	Target
12/07/2015	SW846 82'	79848	Total	1	Benzo(a)ar	56-55-3	Target
12/07/2015	SW846 82'	79848	Total	1	Benzo(a)py	50-32-8	Target
12/07/2015	SW846 82'	79848	Total	1	Benzo(b)flu	205-99-2	Target
12/07/2015	SW846 82'	79848	Total	1	Benzo(g,h,	191-24-2	Target
12/07/2015	SW846 82'	79848	Total	1	Benzo(k)flu	207-08-9	Target
12/07/2015	SW846 82'	79848	Total	1	Benzyl alcc	100-51-6	Target
12/07/2015	SW846 82'	79848	Total	1	Bis(2-chlor	111-91-1	Target
12/07/2015	SW846 82'	79848	Total	1	Bis(2-chlor	111-44-4	Target
12/07/2015	SW846 82'	79848	Total	1	Bis(2-chlor	108-60-1	Target
12/07/2015	SW846 82'	79848	Total	1	Bis(2-ethyll	117-81-7	Target
12/07/2015	SW846 82'	79848	Total	1	Butyl benzy	85-68-7	Target
12/07/2015	SW846 82'	79848	Total	1	Carbazole	86-74-8	Target
12/07/2015	SW846 82'	79848	Total	1	Chrysene	218-01-9	Target
12/07/2015	SW846 82'	79848	Total	1	Dibenzo(a,	53-70-3	Target
12/07/2015	SW846 82'	79848	Total	1	Dibenzofur	132-64-9	Target
12/07/2015	SW846 82'	79848	Total	1	Diethyl phtl	84-66-2	Target
12/07/2015	SW846 82'	79848	Total	1	Dimethyl pl	131-11-3	Target
12/07/2015	SW846 82'	79848	Total	1	Di-n-butyl p	84-74-2	Target
12/07/2015	SW846 82'	79848	Total	1	Di-n-octyl p	117-84-0	Target
12/07/2015	SW846 82'	79848	Total	1	Ethyl meth	62-50-0	Target
12/07/2015	SW846 82'	79848	Total	1	Fluoranthe	206-44-0	Target
12/07/2015	SW846 82'	79848	Total	1	Fluorene	86-73-7	Target
12/07/2015	SW846 82'	79848	Total	1	Hexachlorc	118-74-1	Target
12/07/2015	SW846 82'	79848	Total	1	Hexachlorc	87-68-3	Target
12/07/2015	SW846 82'	79848	Total	1	Hexachlorc	77-47-4	Target
12/07/2015	SW846 82'	79848	Total	1	Hexachlorc	67-72-1	Target
12/07/2015	SW846 82'	79848	Total	1	Indeno(1,2	193-39-5	Target
12/07/2015	SW846 82'	79848	Total	1	Isophorone	78-59-1	Target
12/07/2015	SW846 82'	79848	Total	1	Isosafrole	120-58-1	Target

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12/07/2015	SW846 82	79848	Total	1	Methapyrile	91-80-5	Target
12/07/2015	SW846 82	79848	Total	1	Methyl met	66-27-3	Target
12/07/2015	SW846 82	79848	Total	1	Naphthaler	91-20-3	Target
12/07/2015	SW846 82	79848	Total	1	Nitrobenze	98-95-3	Target
12/07/2015	SW846 82	79848	Total	1	Nitrobenze	4165-60-0	Surrogate
12/07/2015	SW846 82	79848	Total	1	N-Nitrosod	55-18-5	Target
12/07/2015	SW846 82	79848	Total	1	N-Nitrosod	62-75-9	Target
12/07/2015	SW846 82	79848	Total	1	N-Nitroso-c	924-16-3	Target
12/07/2015	SW846 82	79848	Total	1	N-Nitrosod	621-64-7	Target
12/07/2015	SW846 82	79848	Total	1	N-Nitrosom	10595-95-6	Target
12/07/2015	SW846 82	79848	Total	1	N-Nitrosom	59-89-2	Target
12/07/2015	SW846 82	79848	Total	1	N-Nitrosop	930-55-2	Target
12/07/2015	SW846 82	79848	Total	1	o-Toluidine	95-53-4	Target
12/07/2015	SW846 82	79848	Total	1	p-Dimethyl	60-11-7	Target
12/07/2015	SW846 82	79848	Total	1	Pentachlor	608-93-5	Target
12/07/2015	SW846 82	79848	Total	1	Pentachlor	82-68-8	Target
12/07/2015	SW846 82	79848	Total	1	Pentachlor	87-86-5	Target
12/07/2015	SW846 82	79848	Total	1	Phenacetin	62-44-2	Target
12/07/2015	SW846 82	79848	Total	1	Phenanthre	85-01-8	Target
12/07/2015	SW846 82	79848	Total	1	Phenol	108-95-2	Target
12/07/2015	SW846 82	79848	Total	1	Phenol-d6	13127-88-3	Surrogate
12/07/2015	SW846 82	79848	Total	1	Pyrene	129-00-0	Target
12/07/2015	SW846 82	79848	Total	1	Pyridine	110-86-1	Target
12/07/2015	SW846 82	79848	Total	1	Safrole	94-59-7	Target
12/07/2015	SW8270	79849	Total	1	1,4-Dichlor	106-46-7	Target
12/07/2015	SW8270	79849	Total	1	2,4,5-Trich	95-95-4	Target
12/07/2015	SW8270	79849	Total	1	2,4,6-Tribr	118-79-6	Surrogate
12/07/2015	SW8270	79849	Total	1	2,4,6-Trich	88-06-2	Target
12/07/2015	SW8270	79849	Total	1	2,4-Dinitrot	121-14-2	Target
12/07/2015	SW8270	79849	Total	1	2-Fluorobip	321-60-8	Surrogate
12/07/2015	SW8270	79849	Total	1	2-Fluoroph	367-12-4	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	2,2-Dichlor	594-20-7	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Butanone	78-93-3	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Chlorotol	95-49-8	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Hexanon	591-78-6	Target
12/04/2015	SW8260B	R177556B	Total	1	4-Bromoflu	460-00-4	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	4-Chlorotol	106-43-4	Target
12/04/2015	SW8260B	R177556B	Total	1	4-Methyl-2-	108-10-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Acetone	67-64-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Benzene	71-43-2	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromobenz	108-86-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromochlo	74-97-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromodich	75-27-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromoform	75-25-2	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromometl	74-83-9	Target
12/04/2015	SW8260B	R177556B	Total	1	Carbon dis	75-15-0	Target
12/04/2015	SW8260B	R177556B	Total	1	Carbon tet	56-23-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Chlorobenz	108-90-7	Target
12/04/2015	SW8260B	R177556B	Total	1	Chloroetha	75-00-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Chloroform	67-66-3	Target
12/07/2015	SW8270	79849	Total	1	4-Terphenyl	1718-51-0	Surrogate
12/07/2015	SW8270	79849	Total	1	Hexachlorc	87-68-3	Target

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12/07/2015	SW8270	79849	Total	1	Hexachlorc	118-74-1 Target
12/07/2015	SW8270	79849	Total	1	Hexachlorc	87-72-1 Target
12/07/2015	SW8270	79849	Total	1	m-Cresol	108-39-4 Target
12/07/2015	SW8270	79849	Total	1	Nitrobenze	98-95-3 Target
12/07/2015	SW8270	79849	Total	1	Nitrobenze	4165-60-0 Surrogate
12/07/2015	SW8270	79849	Total	1	o-Cresol	95-48-7 Target
12/07/2015	SW8270	79849	Total	1	p-Cresol	106-44-5 Target
12/07/2015	SW8270	79849	Total	1	Pentachlor	87-86-5 Target
12/07/2015	SW8270	79849	Total	1	Phenol-d6	13127-88-3 Surrogate
12/07/2015	SW8270	79849	Total	1	Pyridine	110-86-1 Target
12/07/2015	SW846 82	79848	Total	1	1,2,4,5-Tet	95-94-3 Target
12/07/2015	SW846 82	79848	Total	1	1,2,4-Trich	120-82-1 Target
12/07/2015	SW846 82	79848	Total	1	1,2-Dichlor	95-50-1 Target
12/07/2015	SW846 82	79848	Total	1	1,3-Dichlor	541-73-1 Target
12/07/2015	SW846 82	79848	Total	1	1,4-Dichlor	106-46-7 Target
12/07/2015	SW846 82	79848	Total	1	1-Methylna	90-12-0 Target
12/07/2015	SW846 82	79848	Total	1	2,3,4,6-Tet	58-90-2 Target
12/07/2015	SW846 82	79848	Total	1	2,4,5-Trich	95-95-4 Target
12/07/2015	SW846 82	79848	Total	1	2,4,6-Tribr	118-79-6 Surrogate
12/07/2015	SW846 82	79848	Total	1	2,4,6-Trich	88-06-2 Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dichlor	120-83-2 Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dimeth	105-67-9 Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dinitrop	51-28-5 Target
12/07/2015	SW846 82	79848	Total	1	2,4-Dinitrot	121-14-2 Target
12/07/2015	SW846 82	79848	Total	1	2,6-Dichlor	87-65-0 Target
12/07/2015	SW846 82	79848	Total	1	2,6-Dinitrot	606-20-2 Target
12/07/2015	SW846 82	79848	Total	1	2-Chlorona	91-58-7 Target
12/07/2015	SW846 82	79848	Total	1	2-Chloroph	95-57-8 Target
12/07/2015	SW846 82	79848	Total	1	2-Fluorobip	321-60-8 Surrogate
12/07/2015	SW846 82	79848	Total	1	2-Fluoroph	367-12-4 Surrogate
12/07/2015	SW846 82	79848	Total	1	2-Methylna	91-57-6 Target
12/07/2015	SW846 82	79848	Total	1	2-Methylph	95-48-7 Target
12/07/2015	SW846 82	79848	Total	1	2-Nitroanili	88-74-4 Target
12/07/2015	SW846 82	79848	Total	1	2-Nitrophe	88-75-5 Target
12/07/2015	SW846 82	79848	Total	1	3&4-Methy	34METPH Target
12/07/2015	SW846 82	79848	Total	1	3,3'-Dichlo	91-94-1 Target
12/07/2015	SW846 82	79848	Total	1	3-Nitroanili	99-09-2 Target
12/07/2015	SW846 82	79848	Total	1	4,6-Dinitro-	534-52-1 Target
12/07/2015	SW846 82	79848	Total	1	4-Bromoph	101-55-3 Target
12/07/2015	SW846 82	79848	Total	1	4-Chloro-3-	59-50-7 Target
12/07/2015	SW846 82	79848	Total	1	4-Chloroan	106-47-8 Target
12/07/2015	SW846 82	79848	Total	1	4-Chloroph	7005-72-3 Target
12/07/2015	SW846 82	79848	Total	1	4-Nitroanili	100-01-6 Target
12/07/2015	SW846 82	79848	Total	1	4-Nitrophe	100-02-7 Target
12/07/2015	SW846 82	79848	Total	1	4-Terphen	1718-51-0 Surrogate
12/07/2015	SW846 82	79848	Total	1	Acenaphth	83-32-9 Target
12/07/2015	SW846 82	79848	Total	1	Acenaphth	208-96-8 Target
12/07/2015	SW846 82	79848	Total	1	Acetophen	98-86-2 Target
12/07/2015	SW846 82	79848	Total	1	Aniline	62-53-3 Target
12/07/2015	SW846 82	79848	Total	1	Anthracene	120-12-7 Target
12/07/2015	SW846 82	79848	Total	1	Benzo(a)ar	56-55-3 Target
12/07/2015	SW846 82	79848	Total	1	Benzo(a)py	50-32-8 Target

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12/07/2015	SW846 82	79848	Total	1	Benzo(b)flt	205-99-2	Target
12/07/2015	SW846 82	79848	Total	1	Benzo(g,h,	191-24-2	Target
12/07/2015	SW846 82	79848	Total	1	Benzo(k)flt	207-08-9	Target
12/07/2015	SW846 82	79848	Total	1	Benzyl alcc	100-51-6	Target
12/07/2015	SW846 82	79848	Total	1	Bis(2-chlor	111-91-1	Target
12/07/2015	SW846 82	79848	Total	1	Bis(2-chlor	111-44-4	Target
12/07/2015	SW846 82	79848	Total	1	Bis(2-chlor	108-60-1	Target
12/07/2015	SW846 82	79848	Total	1	Bis(2-ethyl	117-81-7	Target
12/07/2015	SW846 82	79848	Total	1	Butyl benz	85-68-7	Target
12/07/2015	SW846 82	79848	Total	1	Carbazole	86-74-8	Target
12/07/2015	SW846 82	79848	Total	1	Chrysene	218-01-9	Target
12/07/2015	SW846 82	79848	Total	1	Dibenzo(a,	53-70-3	Target
12/07/2015	SW846 82	79848	Total	1	Dibenzofur	132-64-9	Target
12/07/2015	SW846 82	79848	Total	1	Diethyl phtl	84-66-2	Target
12/07/2015	SW846 82	79848	Total	1	Dimethyl pl	131-11-3	Target
12/07/2015	SW846 82	79848	Total	1	Di-n-butyl p	84-74-2	Target
12/07/2015	SW846 82	79848	Total	1	Di-n-octyl p	117-84-0	Target
12/07/2015	SW846 82	79848	Total	1	Fluoranthe	206-44-0	Target
12/07/2015	SW846 82	79848	Total	1	Fluorene	86-73-7	Target
12/07/2015	SW846 82	79848	Total	1	Hexachlorc	118-74-1	Target
12/07/2015	SW846 82	79848	Total	1	Hexachlorc	87-68-3	Target
12/07/2015	SW846 82	79848	Total	1	Hexachlorc	77-47-4	Target
12/07/2015	SW846 82	79848	Total	1	Hexachlorc	67-72-1	Target
12/07/2015	SW846 82	79848	Total	1	Indeno(1,2	193-39-5	Target
12/07/2015	SW846 82	79848	Total	1	Isophorone	78-59-1	Target
12/07/2015	SW846 82	79848	Total	1	Naphthaler	91-20-3	Target
12/07/2015	SW846 82	79848	Total	1	Nitrobenze	98-95-3	Target
12/07/2015	SW846 82	79848	Total	1	Nitrobenze	4165-60-0	Surrogate
12/07/2015	SW846 82	79848	Total	1	N-Nitrosod	62-75-9	Target
12/07/2015	SW846 82	79848	Total	1	N-Nitrosod	621-64-7	Target
12/07/2015	SW846 82	79848	Total	1	Pentachlor	87-86-5	Target
12/07/2015	SW846 82	79848	Total	1	Phenanthre	85-01-8	Target
12/07/2015	SW846 82	79848	Total	1	Phenol	108-95-2	Target
12/07/2015	SW846 82	79848	Total	1	Phenol-d6	13127-88-3	Surrogate
12/07/2015	SW846 82	79848	Total	1	Pyrene	129-00-0	Target
12/07/2015	SW846 82	79848	Total	1	Pyridine	110-86-1	Target
12/07/2015	SW8270	79849	Total	1	1,4-Dichlor	106-46-7	Target
12/07/2015	SW8270	79849	Total	1	2,4,5-Trich	95-95-4	Target
12/07/2015	SW8270	79849	Total	1	2,4,6-Tribr	118-79-6	Surrogate
12/07/2015	SW8270	79849	Total	1	2,4,6-Trich	88-06-2	Target
12/07/2015	SW8270	79849	Total	1	2,4-Dinitrot	121-14-2	Target
12/07/2015	SW8270	79849	Total	1	2-Fluorobip	321-60-8	Surrogate
12/07/2015	SW8270	79849	Total	1	2-Fluoroph	367-12-4	Surrogate
12/07/2015	SW8270	79849	Total	1	4-Terpheny	1718-51-0	Surrogate
12/07/2015	SW8270	79849	Total	1	Hexachlorc	87-68-3	Target
12/07/2015	SW8270	79849	Total	1	Hexachlorc	118-74-1	Target
12/07/2015	SW8270	79849	Total	1	Hexachlorc	67-72-1	Target
12/07/2015	SW8270	79849	Total	1	m-Cresol	108-39-4	Target
12/07/2015	SW8270	79849	Total	1	Nitrobenze	98-95-3	Target
12/07/2015	SW8270	79849	Total	1	Nitrobenze	4165-60-0	Surrogate
12/07/2015	SW8270	79849	Total	1	o-Cresol	95-48-7	Target
12/07/2015	SW8270	79849	Total	1	p-Cresol	106-44-5	Target

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12/07/2016	SW8270	79849	Total	1	Pentachlor	87-86-5	Target
12/07/2016	SW8270	79849	Total	1	Phenol-d6	13127-88-3	Surrogate
12/07/2016	SW8270	79849	Total	1	Pyridine	110-86-1	Target
12/04/2016	SW8260B	R177556B	Total	1	1,1,1,2-Tet	630-20-6	Target
12/04/2016	SW8260B	R177556B	Total	1	1,1,1-Trich	71-55-6	Target
12/04/2016	SW8260B	R177556B	Total	1	1,1,2,2-Tet	79-34-5	Target
12/04/2016	SW8260B	R177556B	Total	1	1,1,2-Trich	79-00-5	Target
12/04/2016	SW8260B	R177556B	Total	1	1,1-Dichlor	75-34-3	Target
12/04/2016	SW8260B	R177556B	Total	1	1,1-Dichlor	75-35-4	Target
12/04/2016	SW8260B	R177556B	Total	1	1,1-Dichlor	563-58-6	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2,3-Trich	87-61-6	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2,3-Trich	96-18-4	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2,4-Trich	120-82-1	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2,4-Trime	95-63-6	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2-Dibrom	96-12-8	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2-Dibrom	106-93-4	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2-Dichlor	95-50-1	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2-Dichlor	107-06-2	Target
12/04/2016	SW8260B	R177556B	Total	1	1,2-Dichlor	17060-07-(	Surrogate
12/04/2016	SW8260B	R177556B	Total	1	1,2-Dichlor	78-87-5	Target
12/04/2016	SW8260B	R177556B	Total	1	1,3,5-Trime	108-67-8	Target
12/04/2016	SW8260B	R177556B	Total	1	1,3-Dichlor	541-73-1	Target
12/04/2016	SW8260B	R177556B	Total	1	1,3-Dichlor	142-28-9	Target
12/04/2016	SW8260B	R177556B	Total	1	1,4-Dichlor	106-46-7	Target
12/04/2016	SW8260B	R177556B	Total	1	Chlorometh	74-87-3	Target
12/04/2016	SW8260B	R177556B	Total	1	cis-1,2-Dicl	156-59-2	Target
12/04/2016	SW8260B	R177556B	Total	1	cis-1,3-Dicl	10061-01-5	Target
12/04/2016	SW8260B	R177556B	Total	1	Dibromoch	124-48-1	Target
12/04/2016	SW8260B	R177556B	Total	1	Dibromoflu	1868-53-7	Surrogate
12/04/2016	SW8260B	R177556B	Total	1	Dibromom	74-95-3	Target
12/04/2016	SW8260B	R177556B	Total	1	Dichlorodifl	75-71-8	Target
12/04/2016	SW8260B	R177556B	Total	1	Ethylbenze	100-41-4	Target
12/04/2016	SW8260B	R177556B	Total	1	Hexachlorc	87-68-3	Target
12/04/2016	SW8260B	R177556B	Total	1	Isopropylbe	98-82-8	Target
12/04/2016	SW8260B	R177556B	Total	1	m,p-Xylene	M/P-XYLEI	Target
12/04/2016	SW8260B	R177556B	Total	1	Methyl tert-	1634-04-4	Target
12/04/2016	SW8260B	R177556B	Total	1	Methylene	75-09-2	Target
12/04/2016	SW8260B	R177556B	Total	1	Naphthaler	91-20-3	Target
12/04/2016	SW8260B	R177556B	Total	1	n-Butylben	104-51-8	Target
12/04/2016	SW8260B	R177556B	Total	1	n-Propylbe	103-65-1	Target
12/04/2016	SW8260B	R177556B	Total	1	o-Xylene	95-47-6	Target
12/04/2016	SW8260B	R177556B	Total	1	p-Isopropyl	99-87-6	Target
12/04/2016	SW8260B	R177556B	Total	1	sec-Butylbe	135-98-8	Target
12/04/2016	SW8260B	R177556B	Total	1	Styrene	100-42-5	Target
12/04/2016	SW8260B	R177556B	Total	1	tert-Butylbe	98-06-6	Target
12/04/2016	SW8260B	R177556B	Total	1	Tetrachlorc	127-18-4	Target
12/04/2016	SW8260B	R177556B	Total	1	Toluene	108-88-3	Target
12/04/2016	SW8260B	R177556B	Total	1	Toluene-d8	2037-26-5	Surrogate
12/04/2016	SW8260B	R177556B	Total	1	trans-1,2-D	156-60-5	Target
12/04/2016	SW8260B	R177556B	Total	1	trans-1,3-D	10061-02-6	Target
12/04/2016	SW8260B	R177556B	Total	1	Trichloroeth	79-01-6	Target
12/04/2016	SW8260B	R177556B	Total	1	Trichloroflu	75-69-4	Target

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12/04/2015	SW8260B	R177556B	Total	1	Vinyl chlori	75-01-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Xylenes, T	1330-20-7	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,1,2-Tet	630-20-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,1-Trich	71-55-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,2,2-Tet	79-34-5	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,2-Trich	79-00-5	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1-Dichlor	75-34-3	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1-Dichlor	75-35-4	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1-Dichlor	563-58-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2,3-Trich	87-61-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2,3-Trich	96-18-4	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2,4-Trich	120-82-1	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2,4-Trime	95-63-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dibrom	96-12-8	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dibrom	106-93-4	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	95-50-1	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	107-06-2	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	17060-07-(	Surrogate
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	78-87-5	Target
12/04/2015	SW8260B	R177571b	Total	1	1,3,5-Trime	108-67-8	Target
12/04/2015	SW8260B	R177571b	Total	1	1,3-Dichlor	541-73-1	Target
12/04/2015	SW8260B	R177571b	Total	1	1,3-Dichlor	142-28-9	Target
12/04/2015	SW8260B	R177571b	Total	1	1,4-Dichlor	106-46-7	Target
12/04/2015	SW8260B	R177571b	Total	1	2,2-Dichlor	594-20-7	Target
12/04/2015	SW8260B	R177571b	Total	1	2-Butanone	78-93-3	Target
12/04/2015	SW8260B	R177571b	Total	1	2-Chlorotol	95-49-8	Target
12/04/2015	SW8260B	R177571b	Total	1	2-Hexanon	591-78-6	Target
12/04/2015	SW8260B	R177571b	Total	1	4-Bromoflu	460-00-4	Surrogate
12/04/2015	SW8260B	R177571b	Total	1	4-Chlorotol	106-43-4	Target
12/04/2015	SW8260B	R177571b	Total	1	4-Methyl-2-	108-10-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Acetone	67-64-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Benzene	71-43-2	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromobenz	108-86-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromochlo	74-97-5	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromodich	75-27-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromoform	75-25-2	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromodich	75-27-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromoform	75-25-2	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromometl	74-83-9	Target
12/04/2015	SW8260B	R177571b	Total	1	Carbon dis	75-15-0	Target
12/04/2015	SW8260B	R177571b	Total	1	Carbon tet	56-23-5	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromometl	74-83-9	Target
12/04/2015	SW8260B	R177571b	Total	1	Carbon dis	75-15-0	Target
12/04/2015	SW8260B	R177571b	Total	1	Carbon tet	56-23-5	Target
12/04/2015	SW8260B	R177571b	Total	1	Chlorobenz	108-90-7	Target
12/04/2015	SW8260B	R177571b	Total	1	Chloroetha	75-00-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Chloroform	67-66-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Chlorometl	74-87-3	Target
12/04/2015	SW8260B	R177571b	Total	1	cis-1,2-Dicl	156-59-2	Target
12/04/2015	SW8260B	R177571b	Total	1	cis-1,3-Dicl	10061-01-5	Target
12/04/2015	SW8260B	R177571b	Total	1	Dibromoch	124-48-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Dibromoflu	1868-53-7	Surrogate

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12/04/2015	SW8260B	R177571b	Total	1	Dibromom	74-95-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Dichlorodifl	75-71-8	Target
12/04/2015	SW8260B	R177571b	Total	1	Ethylbenze	100-41-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Hexachlorc	87-68-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Isopropylbe	98-82-8	Target
12/04/2015	SW8260B	R177571b	Total	1	m,p-Xylene	M/P-XYLEI	Target
12/04/2015	SW8260B	R177571b	Total	1	Methyl tert-	1634-04-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Methylene	75-09-2	Target
12/04/2015	SW8260B	R177571b	Total	1	Naphthaler	91-20-3	Target
12/04/2015	SW8260B	R177571b	Total	1	n-Butylben	104-51-8	Target
12/04/2015	SW8260B	R177571b	Total	1	n-Propylbe	103-65-1	Target
12/04/2015	SW8260B	R177571b	Total	1	o-Xylene	95-47-6	Target
12/04/2015	SW8260B	R177571b	Total	1	p-Isopropyl	99-87-6	Target
12/04/2015	SW8260B	R177571b	Total	1	sec-Butylbe	135-98-8	Target
12/04/2015	SW8260B	R177571b	Total	1	Styrene	100-42-5	Target
12/04/2015	SW8260B	R177571b	Total	1	tert-Butylbe	98-06-6	Target
12/04/2015	SW8260B	R177571b	Total	1	Tetrachlorc	127-18-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Toluene	108-88-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Toluene-d8	2037-26-5	Surrogate
12/04/2015	SW8260B	R177571b	Total	1	trans-1,2-D	156-60-5	Target
12/04/2015	SW8260B	R177571b	Total	1	trans-1,3-D	10061-02-6	Target
12/04/2015	SW8260B	R177571b	Total	1	Trichloroeth	79-01-6	Target
12/04/2015	SW8260B	R177571b	Total	1	Trichloroflu	75-69-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Vinyl chlori	75-01-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Xylenes, To	1330-20-7	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,1,2-Tet	630-20-6	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,1-Trich	71-55-6	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,2,2-Tet	79-34-5	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1,2-Trich	79-00-5	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1-Dichlor	75-34-3	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1-Dichlor	75-35-4	Target
12/04/2015	SW8260B	R177556B	Total	1	1,1-Dichlor	563-58-6	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,3-Trich	87-61-6	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,3-Trich	96-18-4	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,4-Trich	120-82-1	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2,4-Trime	95-63-6	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dibrom	96-12-8	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dibrom	106-93-4	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	95-50-1	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	107-06-2	Target
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	17060-07-0	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	1,2-Dichlor	78-87-5	Target
12/04/2015	SW8260B	R177556B	Total	1	1,3,5-Trime	108-67-8	Target
12/04/2015	SW8260B	R177556B	Total	1	1,3-Dichlor	541-73-1	Target
12/04/2015	SW8260B	R177556B	Total	1	1,3-Dichlor	142-28-9	Target
12/04/2015	SW8260B	R177556B	Total	1	1,4-Dichlor	106-46-7	Target
12/04/2015	SW8260B	R177556B	Total	1	2,2-Dichlor	594-20-7	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Butanone	78-93-3	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Chlorotol	95-49-8	Target
12/04/2015	SW8260B	R177556B	Total	1	2-Hexanon	591-78-6	Target
12/04/2015	SW8260B	R177556B	Total	1	4-Bromoflu	460-00-4	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	4-Chlorotol	106-43-4	Target

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12/04/2015	SW8260B	R177556B	Total	1	4-Methyl-2-	108-10-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Acetone	67-64-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Benzene	71-43-2	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromobenz	108-86-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromochlo	74-97-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromodich	75-27-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromoform	75-25-2	Target
12/04/2015	SW8260B	R177556B	Total	1	Bromometl	74-83-9	Target
12/04/2015	SW8260B	R177556B	Total	1	Carbon dis	75-15-0	Target
12/04/2015	SW8260B	R177556B	Total	1	Carbon tet	56-23-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Chloroben	108-90-7	Target
12/04/2015	SW8260B	R177556B	Total	1	Chloroetha	75-00-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Chloroform	67-66-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Chlorometl	74-87-3	Target
12/04/2015	SW8260B	R177556B	Total	1	cis-1,2-Dicl	156-59-2	Target
12/04/2015	SW8260B	R177556B	Total	1	cis-1,3-Dicl	10061-01-5	Target
12/04/2015	SW8260B	R177556B	Total	1	Dibromoch	124-48-1	Target
12/04/2015	SW8260B	R177556B	Total	1	Dibromoflu	1868-53-7	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	Dibromom	74-95-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Dichlorodifl	75-71-8	Target
12/04/2015	SW8260B	R177556B	Total	1	Ethylbenze	100-41-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Hexachlorc	87-68-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Isopropylbe	98-82-8	Target
12/04/2015	SW8260B	R177556B	Total	1	m,p-Xylene	M/P-XYLEI	Target
12/04/2015	SW8260B	R177556B	Total	1	Methyl tert-	1634-04-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Methylene	75-09-2	Target
12/04/2015	SW8260B	R177556B	Total	1	Naphthaler	91-20-3	Target
12/04/2015	SW8260B	R177556B	Total	1	n-Butylben	104-51-8	Target
12/04/2015	SW8260B	R177556B	Total	1	n-Propylbe	103-65-1	Target
12/04/2015	SW8260B	R177556B	Total	1	o-Xylene	95-47-6	Target
12/04/2015	SW8260B	R177556B	Total	1	p-Isopropyl	99-87-6	Target
12/04/2015	SW8260B	R177556B	Total	1	sec-Butylbe	135-98-8	Target
12/04/2015	SW8260B	R177556B	Total	1	Styrene	100-42-5	Target
12/04/2015	SW8260B	R177556B	Total	1	tert-Butylbe	98-06-6	Target
12/04/2015	SW8260B	R177556B	Total	1	Tetrachlorc	127-18-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Toluene	108-88-3	Target
12/04/2015	SW8260B	R177556B	Total	1	Toluene-d8	2037-26-5	Surrogate
12/04/2015	SW8260B	R177556B	Total	1	trans-1,2-D	156-60-5	Target
12/04/2015	SW8260B	R177556B	Total	1	trans-1,3-D	10061-02-6	Target
12/04/2015	SW8260B	R177556B	Total	1	Trichloroeth	79-01-6	Target
12/04/2015	SW8260B	R177556B	Total	1	Trichlorofiu	75-69-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Vinyl chlori	75-01-4	Target
12/04/2015	SW8260B	R177556B	Total	1	Xylenes, Ti	1330-20-7	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,1,2-Tet	630-20-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,1-Trich	71-55-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,2,2-Tet	79-34-5	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1,2-Trich	79-00-5	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1-Dichlor	75-34-3	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1-Dichlor	75-35-4	Target
12/04/2015	SW8260B	R177571b	Total	1	1,1-Dichlor	563-58-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2,3-Trich	87-61-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2,3-Trich	96-18-4	Target

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12/04/2015	SW8260B	R177571b	Total	1	1,2,4-Trich	120-82-1	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2,4-Trime	95-63-6	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dibrom	96-12-8	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dibrom	106-93-4	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	95-50-1	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	107-06-2	Target
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	17060-07-(	Surrogate
12/04/2015	SW8260B	R177571b	Total	1	1,2-Dichlor	78-87-5	Target
12/04/2015	SW8260B	R177571b	Total	1	1,3,5-Trime	108-67-8	Target
12/04/2015	SW8260B	R177571b	Total	1	1,3-Dichlor	541-73-1	Target
12/04/2015	SW8260B	R177571b	Total	1	1,3-Dichlor	142-28-9	Target
12/04/2015	SW8260B	R177571b	Total	1	1,4-Dichlor	106-46-7	Target
12/04/2015	SW8260B	R177571b	Total	1	2,2-Dichlor	594-20-7	Target
12/04/2015	SW8260B	R177571b	Total	1	2-Butanone	78-93-3	Target
12/04/2015	SW8260B	R177571b	Total	1	2-Chlorotol	95-49-8	Target
12/04/2015	SW8260B	R177571b	Total	1	2-Hexanon	591-78-6	Target
12/04/2015	SW8260B	R177571b	Total	1	4-Bromoflu	460-00-4	Surrogate
12/04/2015	SW8260B	R177571b	Total	1	4-Chlorotol	106-43-4	Target
12/04/2015	SW8260B	R177571b	Total	1	4-Methyl-2-	108-10-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Acetone	67-64-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Benzene	71-43-2	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromobenz	108-86-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Bromochlo	74-97-5	Target
12/04/2015	SW8260B	R177571b	Total	1	Chlorobenz	108-90-7	Target
12/04/2015	SW8260B	R177571b	Total	1	Chloroetha	75-00-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Chloroform	67-66-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Chlorometl	74-87-3	Target
12/04/2015	SW8260B	R177571b	Total	1	cis-1,2-Dicl	156-59-2	Target
12/04/2015	SW8260B	R177571b	Total	1	cis-1,3-Dicl	10061-01-(	Target
12/04/2015	SW8260B	R177571b	Total	1	Dibromoch	124-48-1	Target
12/04/2015	SW8260B	R177571b	Total	1	Dibromoflu	1868-53-7	Surrogate
12/04/2015	SW8260B	R177571b	Total	1	Dibromom	74-95-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Dichlorodifl	75-71-8	Target
12/04/2015	SW8260B	R177571b	Total	1	Ethylbenze	100-41-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Hexachlorc	87-68-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Isopropylbe	98-82-8	Target
12/04/2015	SW8260B	R177571b	Total	1	m,p-Xylene	M/P-XYLEI	Target
12/04/2015	SW8260B	R177571b	Total	1	Methyl tert-	1634-04-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Methylene	75-09-2	Target
12/04/2015	SW8260B	R177571b	Total	1	Naphthaler	91-20-3	Target
12/04/2015	SW8260B	R177571b	Total	1	n-Butylben	104-51-8	Target
12/04/2015	SW8260B	R177571b	Total	1	n-Propylbe	103-65-1	Target
12/04/2015	SW8260B	R177571b	Total	1	o-Xylene	95-47-6	Target
12/04/2015	SW8260B	R177571b	Total	1	p-Isopropyl	99-87-6	Target
12/04/2015	SW8260B	R177571b	Total	1	sec-Butylbe	135-98-8	Target
12/04/2015	SW8260B	R177571b	Total	1	Styrene	100-42-5	Target
12/04/2015	SW8260B	R177571b	Total	1	tert-Butylbe	98-06-6	Target
12/04/2015	SW8260B	R177571b	Total	1	Tetrachlorc	127-18-4	Target
12/04/2015	SW8260B	R177571b	Total	1	Toluene	108-88-3	Target
12/04/2015	SW8260B	R177571b	Total	1	Toluene-d8	2037-26-5	Surrogate
12/04/2015	SW8260B	R177571b	Total	1	trans-1,2-D	156-60-5	Target
12/04/2015	SW8260B	R177571b	Total	1	trans-1,3-D	10061-02-(	Target

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12/04/2015	SW8260B	R177571b	Total	1	Trichloroeth	79-01-6 Target
12/04/2015	SW8260B	R177571b	Total	1	Trichlorofluo	75-69-4 Target
12/04/2015	SW8260B	R177571b	Total	1	Vinyl chlori	75-01-4 Target
12/04/2015	SW8260B	R177571b	Total	1	Xylenes, To	1330-20-7 Target
12/04/2015	SW9040C	R177583b	Total	1	pH (laborat	PH Target

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Result	TPU	Spike Amo	Footnotes	Unit	RL/CRDL	MDL/MDA	Percent Re	RPD/RER
0.078		0	J	mg/L	0.10	0.0048	0	0
ND		0	U	mg/L	0.10	0.0082	0	0
0.078		0	J	mg/L	0.10	0.0048	0	0
ND		0	U	mg/L	0.40	0.061	0	0
ND		0	U	mg/L	0.10	0.0046	0	0
0.95		1000		mg/L	0	0	94.8	0
ND		0	U	mg/L	0.10	0.0028	0	0
0.29		1000		mg/L	0	0	29.0	0
0.80		1000		mg/L	0	0	79.7	0
0.73		1000		mg/L	0	0	73.2	0
0.42		1000		mg/L	0	0	42.3	0
0.71		1000		mg/L	0	0	71.4	0
ND		0	U	mg/L	0.10	0.0094	0	0
ND		0	U	mg/L	0.10	0.0074	0	0
ND		0	U	mg/L	0.40	0.010	0	0
ND		0	U	mg/L	0.10	0.0050	0	0
0.019		0	J	mg/L	0.10	0.0028	0	0
ND		0	U	mg/L	0.10	0.0058	0	0
ND		0	U	mg/L	0.10	0.0046	0	0
ND		0	U	mg/L	0.020	0.0053	0	0
ND		0	U	mg/L	0.020	0.0037	0	0
ND		0	U	mg/L	0.020	0.0049	0	0
0.39		400.0		mg/L	0	0	97.5	0
0.38		400.0		mg/L	0	0	96.0	0
0.38		400.0		mg/L	0	0	95.4	0
0.36		400.0		mg/L	0	0	90.0	0
ND		0	U	mg/L	0.020	0.0028	0	0
ND		0	U	mg/L	0.020	0.0049	0	0
0.22		0		mg/L	0.020	0.0050	0	0
ND		0	U	mg/L	0.020	0.0038	0	0
ND		0	U	mg/L	0.020	0.0047	0	0
ND		0	U	mg/L	0.10	0.017	0	0
ND		0	U	mg/L	0.020	0.0069	0	0
0.0048		0	J	mg/L	0.050	0.0010	0	0
0.14		0		mg/L	0.050	0.0040	0	0
ND		0	U	mg/L	0.050	0.0010	0	0
ND		0	U	mg/L	0.050	0.0040	0	0
0.0031		0	J	mg/L	0.050	0.0010	0	0
0.023		0	J	mg/L	0.050	0.0070	0	0
1.2		0		mg/L	0.050	0.0020	0	0
ND		0	U	mg/L	0.020	0.0020	0	0
ND		0	U	mg/L	0.020	0.0010	0	0
0.057		0		mg/L	0.050	0.0010	0	0
ND		0	U	mg/L	0.050	0.010	0	0
ND		0	U	mg/L	0.0020	0.00018	0	0
0.042		0		mg/L	0.0050	0.0011	0	0
ND		0	U	mg/L	0.0050	0.00088	0	0
ND		0	U	mg/L	0.0050	0.0012	0	0
ND		0	U	mg/L	0.0050	0.00094	0	0
0.0082		0		mg/L	0.0050	0.00080	0	0
ND		0	U	mg/L	0.0050	0.00092	0	0

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ND	0	U	mg/L	0.0050	0.0011	0	0
ND	0	U	mg/L	0.0050	0.0010	0	0
ND	0	U	mg/L	0.0050	0.0017	0	0
ND	0	U	mg/L	0.0050	0.0013	0	0
0.0063	0		mg/L	0.0050	0.00074	0	0
0.014	0		mg/L	0.0050	0.00066	0	0
ND	0	U	mg/L	0.0050	0.00089	0	0
0.042	0		mg/L	0.0050	0.00098	0	0
0.0029	0	J	mg/L	0.0050	0.00094	0	0
ND	0	U	mg/L	0.0050	0.00096	0	0
ND	0	U	mg/L	0.0050	0.00083	0	0
ND	0	U	mg/L	0.0050	0.0012	0	0
0.099	0		mg/L	0.015	0.0031	0	0
ND	0	U	mg/L	0.0050	0.00068	0	0
0.067	0		mg/L	0.010	0.0020	0	0
ND	0	U	mg/L	0.0050	0.0012	0	0
ND	0	U	mg/L	0.0050	0.0012	0	0
ND	0	U	mg/L	0.0050	0.0014	0	0
ND	0	U	mg/L	0.0050	0.00059	0	0
0.096	100.0		mg/L	0	0	96.2	0
0.092	100.0		mg/L	0	0	92.0	0
0.10	100.0		mg/L	0	0	99.6	0
0.10	100.0		mg/L	0	0	99.8	0
ND	0	U	mg/L	0.0050	0.0010	0	0
ND	0	U	mg/L	0.0050	0.00069	0	0
ND	0	U	mg/L	0.0050	0.0016	0	0
ND	0	U	mg/L	0.0050	0.00076	0	0
ND	0	U	mg/L	0.0050	0.0010	0	0
ND	0	U	mg/L	0.0050	0.00086	0	0
0.088	0		mg/L	0.050	0.016	0	0
ND	0	U	mg/L	0.0050	0.0012	0	0
0.24	0		mg/L	0.0050	0.0013	0	0
ND	0	U	mg/L	0.0050	0.00096	0	0
ND	0	U	mg/L	0.0050	0.0050	0	0
ND	0	U	mg/L	0.0050	0.0013	0	0
ND	0	U	mg/L	0.0050	0.0012	0	0
ND	0	U	mg/L	0.0050	0.0012	0	0
0.41	0		mg/L	0.0050	0.0011	0	0
ND	0	U	mg/L	0.0050	0.00095	0	0
0.0040	0	J	mg/L	0.025	0.0032	0	0
0.0022	0	J	mg/L	0.0050	0.0013	0	0
ND	0	U	mg/L	0.0050	0.00050	0	0
ND	0	U	mg/L	0.0050	0.00080	0	0
0.030	0		mg/L	0.0050	0.0011	0	0
ND	0	U	mg/L	0.0050	0.0012	0	0
ND	0	U	mg/L	0.0050	0.0019	0	0
ND	0	U	mg/L	0.0050	0.0020	0	0
ND	0	U	mg/L	0.0050	0.0013	0	0
0.011	0	J	mg/L	0.025	0.0043	0	0
ND	0	U	mg/L	0.0050	0.0013	0	0
ND	0	U	mg/L	0.0050	0.0017	0	0
ND	0	U	mg/L	0.0050	0.0017	0	0

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ND	0	U	mg/L	0.0050	0.0015	0	0
ND	0	U	mg/L	0.0050	0.0020	0	0
0.21	0		mg/L	0.025	0.0038	0	0
0.032	0		mg/L	0.0050	0.0011	0	0
ND	0	U	mg/L	0.0050	0.00072	0	0
ND	0	U	mg/L	0.0050	0.0011	0	0
0.082	0		mg/L	0.0050	0.0012	0	0
ND	0	U	mg/L	0.0050	0.0021	0	0
ND	0	U	mg/L	0.0050	0.0020	0	0
ND	0	U	mg/L	0.0050	0.00088	0	0
0.0040	0	J	mg/L	0.0050	0.0013	0	0
0.0047	0	J	mg/L	0.0050	0.0011	0	0
ND	0	U	mg/Kg	100	23	0	0
ND	0	U	mg/Kg	100	52	0	0
ND	0		F	0	0	0	0
7.87	0		s.u.	0	0	0	0
ND	0	U	mg/L	0.00020	0.000031	0	0
0.00021	0		mg/L	0.00020	0.000031	0	0
ND	0	U	mg/L	0.0057	0.0017	0	0
ND	0	U	mg/L	0.0011	0.00018	0	0
ND	0	U	mg/L	0.0011	0.00027	0	0
ND	0	U	mg/L	0.0057	0.00073	0	0
ND	0	U	mg/L	0.0057	0.0011	0	0
ND	0	U	mg/L	0.0011	0.00023	0	0
ND	0	U	mg/L	0.0057	0.0027	0	0
ND	0	U	mg/L	0.0011	0.00027	0	0
ND	0	U	mg/L	0.0057	0.0019	0	0
ND	0	U	mg/L	0.0057	0.0012	0	0
ND	0	U	mg/L	0.0011	0.00038	0	0
ND	0	U	mg/L	0.0011	0.00034	0	0
ND	0	U	mg/L	0.0057	0.00083	0	0
ND	0	U	mg/L	0.0011	0.00053	0	0
ND	0	U	mg/L	0.0011	0.00023	0	0
ND	0	U	mg/L	0.00020	0.000048	0	0
ND	0	U	mg/L	0.00020	0.000048	0	0
0.00038	0		mg/L	0.00020	0.000048	0	0
ND	0	U	mg/L	0.00020	0.000048	0	0
0.000040	0.1000		mg/L	0	0	40.0	0
ND	0	U	mg/L	0.00020	0.000048	0	0
0.000045	0.1000		mg/L	0	0	45.0	0
ND	0	U	mg/L	0.0011	0.00015	0	0
ND	0	U	mg/L	0.0057	0.00070	0	0
ND	0	U	mg/L	0.0011	0.00016	0	0
ND	0	U	mg/L	0.0011	0.00033	0	0
0.040	0		mg/L	0.0011	0.00020	0	0
ND	0	U	mg/L	0.0057	0.00094	0	0
ND	0	U	mg/L	0.0011	0.00047	0	0
ND	0	U	mg/L	0.0011	0.00025	0	0
ND	0	U	mg/L	0.0011	0.00022	0	0
0.021	0		mg/L	0.0011	0.00015	0	0
ND	0	U	mg/L	0.0057	0.0016	0	0
0.0060	0	J	mg/L	0.011	0.0034	0	0

ND	0	U	mg/L	0.0011	0.00018	0	0
ND	0	U	mg/L	0.0011	0.00026	0	0
0.018	0		mg/L	0.0011	0.00020	0	0
ND	0	U	mg/L	0.0011	0.00017	0	0
ND	0	U	mg/L	0.0011	0.00026	0	0
0.057	56.82		mg/L	0	0	100	0
0.0040	0		mg/L	0.00011	0.000032	0	0
ND	0	U	mg/L	0.0057	0.0012	0	0
ND	0	U	mg/L	0.0011	0.00038	0	0
ND	0	U	mg/L	0.0011	0.00019	0	0
ND	0	U	mg/L	0.0011	0.00016	0	0
0.010	0		mg/L	0.00011	0.000078	0	0
ND	0	U	mg/L	0.0011	0.00017	0	0
0.020	56.82		mg/L	0	0	35.2	0
ND	0	U	mg/L	0.0011	0.00026	0	0
ND	0	U	mg/L	0.0057	0.0019	0	0
0.059	56.82		mg/L	0	0	104	0
0.00089	0		mg/L	0.00011	0.000080	0	0
0.00090	0		mg/L	0.00011	0.000073	0	0
0.0022	0		mg/L	0.00011	0.000049	0	0
0.0046	0		mg/L	0.00011	0.000053	0	0
0.00074	0		mg/L	0.00011	0.000070	0	0
ND	0	U	mg/L	0.00011	0.000044	0	0
0.0035	0		mg/L	0.00011	0.000048	0	0
0.029	56.82		mg/L	0	0	51.5	0
0.032	0		mg/L	0.0011	0.00027	0	0
0.029	56.82		mg/L	0	0	50.8	0
0.042	56.82		mg/L	0	0	74.4	0
0.0016	0		mg/L	0.00011	0.000041	0	0
ND	0	U	mg/L	0.0057	0.0017	0	0
ND	0	U	mg/L	0.0011	0.00014	0	0
ND	0	U	mg/L	0.00011	0.000084	0	0
ND	0	U	mg/L	0.0057	0.00049	0	0
ND	0	U	mg/L	0.0011	0.00038	0	0
ND	0	U	mg/L	0.0011	0.00020	0	0
ND	0	U	mg/L	0.0057	0.00058	0	0
0.0030	0		mg/L	0.00011	0.000082	0	0
ND	0	U	mg/L	0.0011	0.00020	0	0
ND	0	U	mg/L	0.0057	0.00028	0	0
ND	0	U	mg/L	0.0057	0.0022	0	0
ND	0	U	mg/L	0.00011	0.000047	0	0
ND	0	U	mg/L	0.0011	0.00019	0	0
ND	0	U	mg/L	0.0011	0.00017	0	0
0.013	0		mg/L	0.00011	0.000061	0	0
ND	0	U	mg/L	0.0011	0.00014	0	0
0.0030	0		mg/L	0.00011	0.000041	0	0
0.015	0		mg/L	0.0011	0.00014	0	0
ND	0	U	mg/L	0.0011	0.00028	0	0
ND	0	U	mg/L	0.0011	0.00042	0	0
ND	0	U	mg/L	0.0057	0.00059	0	0
ND	0	U	mg/L	0.0011	0.00028	0	0
ND	0	U	mg/L	0.0011	0.00027	0	0

ND	0	U	mg/L	0.0011	0.00031	0	0
0.017	0		mg/L	0.00011	0.000085	0	0
0.048	0		mg/L	0.00011	0.000057	0	0
0.014	0		mg/L	0.00011	0.00011	0	0
ND	0	U	mg/L	0.00011	0.000034	0	0
ND	0	U	mg/L	0.0057	0.00084	0	0
ND	0	U	mg/L	0.0057	0.0018	0	0
ND	0	U	mg/L	0.0057	0.00080	0	0
ND	0	U	mg/L	0.0011	0.00072	0	0
ND	0	U	mg/L	0.0057	0.0012	0	0
ND	0	U	mg/L	0.0057	0.0018	0	0
ND	0	U	mg/L	0.0057	0.00091	0	0
ND	0	U	mg/L	0.0057	0.0013	0	0
0.013	0		mg/L	0.0011	0.00016	0	0
ND	0	U	mg/L	0.0011	0.00038	0	0
ND	0	U	mg/L	0.0057	0.00099	0	0
ND	0	U	mg/L	0.0011	0.00033	0	0
ND	0	U	mg/L	0.0057	0.0028	0	0
ND	0	U	mg/L	0.0011	0.00033	0	0
ND	0	U	mg/L	0.0011	0.00042	0	0
ND	0	U	mg/L	0.0011	0.00026	0	0
ND	0	U	mg/L	0.0011	0.00027	0	0
ND	0	U	mg/L	0.0057	0.00074	0	0
0.16	0		mg/L	0.0057	0.00091	0	0
ND	0	U	mg/L	0.0010	0.00022	0	0
ND	0	U	mg/L	0.0010	0.00018	0	0
ND	0	U	mg/L	0.0010	0.0010	0	0
ND	0	U	mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0010	0.00024	0	0
ND	0	U	mg/L	0.0010	0.00019	0	0
ND	0	U	mg/L	0.0010	0.00016	0	0
ND	0	U	mg/L	0.0010	0.00018	0	0
ND	0	U	mg/L	0.0010	0.00023	0	0
ND	0	U	mg/L	0.0010	0.00020	0	0
ND	0	U	mg/L	0.0010	0.00034	0	0
ND	0	U	mg/L	0.0010	0.00026	0	0
ND	0	U	mg/L	0.0010	0.00015	0	0
ND	0	U	mg/L	0.0010	0.00013	0	0
ND	0	U	mg/L	0.0010	0.00018	0	0
ND	0	U	mg/L	0.0010	0.00020	0	0
ND	0	U	mg/L	0.0010	0.00019	0	0
ND	0	U	mg/L	0.0010	0.00019	0	0
ND	0	U	mg/L	0.0010	0.00017	0	0
ND	0	U	mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0030	0.00062	0	0
ND	0	U	mg/L	0.0010	0.00014	0	0
ND	0	U	mg/L	0.0020	0.00040	0	0
ND	0	U	mg/L	0.0010	0.00024	0	0
ND	0	U	mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0010	0.00029	0	0
ND	0	U	mg/L	0.0010	0.00012	0	0

[redacted]

0.020	20.00		mg/L	0	0	99.8	0
0.019	20.00		mg/L	0	0	95.9	0
0.019	20.00		mg/L	0	0	94.8	0
0.018	20.00		mg/L	0	0	91.4	0
ND	0	U	mg/L	0.0010	0.00021	0	0
ND	0	U	mg/L	0.0010	0.00014	0	0
ND	0	U	mg/L	0.0010	0.00032	0	0
ND	0	U	mg/L	0.0010	0.00015	0	0
ND	0	U	mg/L	0.0010	0.00020	0	0
ND	0	U	mg/L	0.0010	0.00017	0	0
ND	0	U	mg/L	0.010	0.0031	0	0
0.0010	0		mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0010	0.00019	0	0
ND	0	U	mg/L	0.0010	0.00024	0	0
ND	0	U	mg/L	0.0010	0.00021	0	0
ND	0	U	mg/L	0.0010	0.00019	0	0
ND	0	U	mg/L	0.0050	0.00064	0	0
ND	0	U	mg/L	0.0010	0.00026	0	0
ND	0	U	mg/L	0.0010	0.000099	0	0
ND	0	U	mg/L	0.0010	0.00016	0	0
ND	0	U	mg/L	0.0010	0.00021	0	0
ND	0	U	mg/L	0.0010	0.00024	0	0
ND	0	U	mg/L	0.0010	0.00039	0	0
ND	0	U	mg/L	0.0010	0.00041	0	0
ND	0	U	mg/L	0.0010	0.00026	0	0
ND	0	U	mg/L	0.0050	0.00087	0	0
ND	0	U	mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0010	0.00034	0	0
ND	0	U	mg/L	0.0010	0.00034	0	0
ND	0	U	mg/L	0.0010	0.00030	0	0
ND	0	U	mg/L	0.0010	0.00040	0	0
ND	0	U	mg/L	0.0050	0.00076	0	0
ND	0	U	mg/L	0.0010	0.00021	0	0
ND	0	U	mg/L	0.0010	0.00014	0	0
ND	0	U	mg/L	0.0010	0.00022	0	0
ND	0	U	mg/L	0.0010	0.00023	0	0
ND	0	U	mg/L	0.0010	0.00042	0	0
ND	0	U	mg/L	0.0010	0.00041	0	0
ND	0	U	mg/L	0.0010	0.00018	0	0
ND	0	U	mg/L	0.0010	0.00025	0	0
ND	0	U	mg/L	0.0010	0.00022	0	0
ND	0	U	ug/L	5.0	0.25	0	0
ND	0	U	ug/L	5.0	0.17	0	0
ND	0	U	ug/L	5.0	0.18	0	0
ND	0	U	ug/L	5.0	1.5	0	0
ND	0	U	ug/L	5.0	0.14	0	0
ND	0	U	ug/L	5.0	0.25	0	0
ND	0	U	ug/L	5.0	0.20	0	0
ND	0	U	ug/L	5.0	0.43	0	0
ND	0	U	ug/L	5.0	0.030	0	0
ND	0	U	ug/L	5.0	0.29	0	0

[redacted]

34.76	50.00		ug/L	0	0	69.5	0
20.74	50.00		ug/L	0	0	41.5	0
ND	0	U	ug/L	5.0	0.099	0	0
ND	0	U	ug/L	5.0	0.14	0	0
ND	0	U	ug/L	10	0.74	0	0
ND	0	U	ug/L	5.0	0.24	0	0
ND	0	U	ug/L	5.0	0.27	0	0
ND	0	U	ug/L	10	1.4	0	0
ND	0	U	ug/L	5.0	0.24	0	0
ND	0	U	ug/L	5.0	0.70	0	0
ND	0	U	ug/L	5.0	0.51	0	0
ND	0	U	ug/L	5.0	0.24	0	0
ND	0	U	ug/L	5.0	0.12	0	0
ND	0	U	ug/L	10	1.0	0	0
ND	0	U	ug/L	5.0	0.29	0	0
ND	0	U	ug/L	5.0	0.16	0	0
ND	0	U	ug/L	5.0	0.22	0	0
ND	0	U	ug/L	5.0	0.20	0	0
ND	0	U	ug/L	5.0	0.13	0	0
ND	0	U	ug/L	5.0	0.62	0	0
ND	0	U	ug/L	10	1.5	0	0
41.22	50.00		ug/L	0	0	82.4	0
ND	0	U	ug/L	5.0	0.65	0	0
ND	0	U	ug/L	5.0	0.16	0	0
ND	0	U	ug/L	5.0	0.041	0	0
ND	0	U	ug/L	5.0	0.039	0	0
ND	0	U	ug/L	1.0	0.37	0	0
229.4	250.0		mg/Kg	100	23	91.8	0
229.4	250.0		mg/Kg	100	23	91.8	0
0.1066	0.1000		mg/L	0.0050	0.00010	107	0
0.09962	0.1000		mg/L	0.0050	0.00070	99.6	0
0.1012	0.1000		mg/L	0.0050	0.00020	101	0
0.09868	0.1000		mg/L	0.0020	0.00020	98.7	0
0.1015	0.1000		mg/L	0.0020	0.00010	102	0
0.1003	0.1000		mg/L	0.0050	0.00010	100	0
0.1026	0.1000		mg/L	0.0050	0.00010	103	0
0.09733	0.1000		mg/L	0.0050	0.00040	97.3	0
0.1007	0.1000		mg/L	0.0050	0.0010	101	0
0.1031	0.1000		mg/L	0.0050	0.00010	103	0
0.09763	0.1000		mg/L	0.0050	0.00040	97.6	0
0.00191	0.002000		mg/L	0.00020	0.000018	95.5	0
82	81.00		F	0	0	101	0
1512	2149		mg/Kg	100	52	70.4	0
124.8	125.0		mg/Kg	100	23	99.8	0
ND	0	U	mg/L	0.0050	0.00010	0	0
ND	0	U	mg/L	0.0050	0.00070	0	0
ND	0	U	mg/L	0.0050	0.00020	0	0
ND	0	U	mg/L	0.0020	0.00020	0	0
ND	0	U	mg/L	0.0020	0.00010	0	0
ND	0	U	mg/L	0.0050	0.00010	0	0
ND	0	U	mg/L	0.0050	0.00010	0	0
ND	0	U	mg/L	0.0050	0.00040	0	0

[redacted]

ND	0	U	mg/L	0.0050	0.0010	0	0
ND	0	U	mg/L	0.0050	0.00010	0	0
ND	0	U	mg/L	0.0050	0.00040	0	0
ND	0	U	mg/L	0.00020	0.000018	0	0
ND	0	U	mg/Kg	100	52	0	0
ND	0	U	mg/Kg	100	23	0	0
0.088	0.1000		ug/L	0	0	88	0
0.065	0.1000		ug/L	0	0	65	0
0.084	0.1000		ug/L	0	0	84	0
0.07	0.1000		ug/L	0	0	70	0
ND	0	U	ug/L	10	2.5	0	0
ND	0	U	ug/L	5.0	0.33	0	0
ND	0	U	ug/L	5.0	0.33	0	0
ND	0	U	ug/L	5.0	0.33	0	0
ND	0	U	ug/L	5.0	0.41	0	0
ND	0	U	ug/L	5.0	0.075	0	0
ND	0	U	ug/L	10	1.6	0	0
ND	0	U	ug/L	5.0	0.24	0	0
ND	0	U	ug/L	5.0	0.29	0	0
31.97	50.00		ug/L	0	0	63.9	0
ND	0	U	ug/L	5.0	0.33	0	0
ND	0	U	ug/L	5.0	0.028	0	0
ND	0	U	ug/L	10	1.6	0	0
ND	0	U	ug/L	5.0	0.072	0	0
ND	0	U	ug/L	5.0	0.036	0	0
ND	0	U	ug/L	5.0	0.043	0	0
ND	0	U	ug/L	5.0	0.070	0	0
ND	0	U	ug/L	5.0	0.062	0	0
ND	0	U	ug/L	5.0	0.14	0	0
ND	0	U	ug/L	5.0	0.23	0	0
ND	0	U	ug/L	5.0	0.16	0	0
ND	0	U	ug/L	5.0	0.19	0	0
ND	0	U	ug/L	5.0	0.18	0	0
ND	0	U	ug/L	5.0	0.12	0	0
ND	0	U	ug/L	5.0	0.12	0	0
ND	0	U	ug/L	5.0	0.042	0	0
ND	0	U	ug/L	5.0	0.074	0	0
ND	0	U	ug/L	5.0	0.23	0	0
0.78	0	J	ug/L	5.0	0.17	0	0
ND	0	U	ug/L	5.0	0.15	0	0
ND	0	U	ug/L	5.0	0.15	0	0
ND	0	U	ug/L	5.0	0.15	0	0
ND	0	U	ug/L	5.0	1.0	0	0
ND	0	U	ug/L	5.0	0.047	0	0
ND	0	U	ug/L	5.0	0.036	0	0
ND	0	U	ug/L	5.0	0.23	0	0
ND	0	U	ug/L	5.0	0.37	0	0
ND	0	U	ug/L	5.0	0.18	0	0
ND	0	U	ug/L	5.0	0.47	0	0
ND	0	U	ug/L	5.0	0.064	0	0
ND	0	U	ug/L	5.0	0.25	0	0
ND	0	U	ug/L	10	1.1	0	0

ND	0	U	ug/L	10	1.6	0	0
ND	0	U	ug/L	10	0.73	0	0
ND	0	U	ug/L	5.0	0.050	0	0
ND	0	U	ug/L	5.0	0.23	0	0
34.21	50.00		ug/L	0	0	68.4	0
ND	0	U	ug/L	5.0	0.18	0	0
ND	0	U	ug/L	5.0	0.30	0	0
ND	0	U	ug/L	5.0	0.63	0	0
ND	0	U	ug/L	5.0	0.24	0	0
ND	0	U	ug/L	5.0	0.83	0	0
ND	0	U	ug/L	5.0	0.64	0	0
ND	0	U	ug/L	5.0	0.80	0	0
ND	0	U	ug/L	10	0.87	0	0
ND	0	U	ug/L	5.0	0.95	0	0
ND	0	U	ug/L	20	2.4	0	0
ND	0	U	ug/L	10	1.9	0	0
ND	0	U	ug/L	5.0	0.52	0	0
ND	0	U	ug/L	5.0	1.7	0	0
ND	0	U	ug/L	5.0	0.054	0	0
ND	0	U	ug/L	5.0	0.13	0	0
12.86	50.00		ug/L	0	0	25.7	0
ND	0	U	ug/L	5.0	0.069	0	0
ND	0	U	ug/L	10	3.0	0	0
ND	0	U	ug/L	10	1.1	0	0
ND	0	U	ug/L	5.0	0.41	0	0
ND	0	U	ug/L	5.0	0.29	0	0
31.97	50.00		ug/L	0	0	63.9	0
ND	0	U	ug/L	5.0	0.25	0	0
ND	0	U	ug/L	5.0	0.14	0	0
34.76	50.00		ug/L	0	0	69.5	0
20.74	50.00		ug/L	0	0	41.5	0
ND	0	U	ug/L	1.0	0.20	0	0
ND	0	U	ug/L	5.0	0.87	0	0
ND	0	U	ug/L	1.0	0.14	0	0
ND	0	U	ug/L	1.0	0.15	0	0
18.31	20.00		ug/L	0	0	91.6	0
ND	0	U	ug/L	1.0	0.23	0	0
ND	0	U	ug/L	1.0	0.15	0	0
ND	0	U	ug/L	10	3.1	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.16	0	0
ND	0	U	ug/L	1.0	0.099	0	0
ND	0	U	ug/L	1.0	1.0	0	0
ND	0	U	ug/L	1.0	0.26	0	0
ND	0	U	ug/L	1.0	0.14	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.25	0	0
41.22	50.00		ug/L	0	0	82.4	0
ND	0	U	ug/L	5.0	0.37	0	0

ND	0	U	ug/L	5.0	0.23	0	0
ND	0	U	ug/L	5.0	0.47	0	0
ND	0	U	ug/L	5.0	0.24	0	0
ND	0	U	ug/L	5.0	0.23	0	0
34.21	50.00		ug/L	0	0	68.4	0
ND	0	U	ug/L	5.0	0.14	0	0
ND	0	U	ug/L	5.0	0.24	0	0
ND	0	U	ug/L	20	0.52	0	0
12.86	50.00		ug/L	0	0	25.7	0
ND	0	U	ug/L	20	3.0	0	0
13.51	20.00		ug/L	10	2.5	67.6	0
14.27	20.00		ug/L	5.0	0.33	71.4	0
13.43	20.00		ug/L	5.0	0.33	67.2	0
13.36	20.00		ug/L	5.0	0.33	66.8	0
13.55	20.00		ug/L	5.0	0.41	67.8	0
13.38	20.00		ug/L	5.0	0.075	66.9	0
15.08	20.00		ug/L	5.0	0.24	75.4	0
15.24	20.00		ug/L	5.0	0.29	76.2	0
38.71	50.00		ug/L	0	0	77.4	0
13.13	20.00		ug/L	5.0	0.26	65.6	0
13.93	20.00		ug/L	5.0	0.17	69.6	0
12.42	20.00		ug/L	5.0	0.18	62.1	0
10.69	20.00		ug/L	5.0	1.5	53.4	0
14.21	20.00		ug/L	5.0	0.14	71	0
13.25	20.00		ug/L	5.0	0.25	66.2	0
14.21	20.00		ug/L	5.0	0.20	71	0
14.73	20.00		ug/L	5.0	0.030	73.6	0
13.28	20.00		ug/L	5.0	0.29	66.4	0
36.73	50.00		ug/L	0	0	73.5	0
20.8	50.00		ug/L	0	0	41.6	0
13.58	20.00		ug/L	5.0	0.099	67.9	0
11.26	20.00		ug/L	5.0	0.14	56.3	0
14.29	20.00		ug/L	5.0	0.24	71.4	0
12.81	20.00		ug/L	5.0	0.27	64	0
9.79	20.00		ug/L	5.0	0.24	49	0
14.11	20.00		ug/L	5.0	0.70	70.6	0
13.6	20.00		ug/L	5.0	0.24	68	0
12.81	20.00		ug/L	5.0	0.12	64	0
16.86	20.00		ug/L	5.0	0.29	84.3	0
13.57	20.00		ug/L	5.0	0.16	67.8	0
14.02	20.00		ug/L	5.0	0.22	70.1	0
15.3	20.00		ug/L	5.0	0.20	76.5	0
13.07	20.00		ug/L	5.0	0.13	65.4	0
5.04	20.00		ug/L	5.0	0.62	25.2	0
40.1	50.00		ug/L	0	0	80.2	0
14.9	20.00		ug/L	5.0	0.041	74.5	0
15.13	20.00		ug/L	5.0	0.039	75.6	0
13.39	20.00		ug/L	1.0	0.37	67	0
14.24	20.00		ug/L	5.0	0.33	71.2	0
15.46	20.00		ug/L	5.0	0.028	77.3	0
15.86	20.00		ug/L	5.0	0.072	79.3	0
15.34	20.00		ug/L	5.0	0.036	76.7	0

[redacted]

15.46	20.00		ug/L	5.0	0.043	77.3	0
15.57	20.00		ug/L	5.0	0.070	77.8	0
15.95	20.00		ug/L	5.0	0.062	79.8	0
11.85	20.00		ug/L	5.0	0.14	59.2	0
14.47	20.00		ug/L	5.0	0.23	72.4	0
13.2	20.00		ug/L	5.0	0.16	66	0
13.4	20.00		ug/L	5.0	0.19	67	0
15.36	20.00		ug/L	5.0	0.18	76.8	0
15.41	20.00		ug/L	5.0	0.12	77	0
15.82	20.00		ug/L	5.0	0.12	79.1	0
16.57	20.00		ug/L	5.0	0.042	82.8	0
15.93	20.00		ug/L	5.0	0.074	79.6	0
14.84	20.00		ug/L	5.0	0.23	74.2	0
14.93	20.00		ug/L	5.0	0.17	74.6	0
15.71	20.00		ug/L	5.0	0.15	78.6	0
15.57	20.00		ug/L	5.0	0.15	77.8	0
14.5	20.00		ug/L	5.0	0.15	72.5	0
15.74	20.00		ug/L	5.0	0.047	78.7	0
15.31	20.00		ug/L	5.0	0.036	76.6	0
16.13	20.00		ug/L	5.0	0.23	80.6	0
13.6	20.00		ug/L	5.0	0.37	68	0
15.27	20.00		ug/L	5.0	0.18	76.4	0
13.66	20.00		ug/L	5.0	0.47	68.3	0
15.88	20.00		ug/L	5.0	0.064	79.4	0
14.11	20.00		ug/L	5.0	0.25	70.6	0
13.08	20.00		ug/L	5.0	0.050	65.4	0
13.92	20.00		ug/L	5.0	0.23	69.6	0
34.65	50.00		ug/L	0	0	69.3	0
9.24	20.00		ug/L	5.0	0.30	46.2	0
14.22	20.00		ug/L	5.0	0.24	71.1	0
12.4	20.00		ug/L	5.0	0.52	62	0
14.99	20.00		ug/L	5.0	0.054	75	0
5.46	20.00		ug/L	5.0	0.13	27.3	0
13.09	50.00		ug/L	0	0	26.2	0
15.95	20.00		ug/L	5.0	0.069	79.8	0
5.61	20.00	J	ug/L	10	3.0	28	0
13.55	20.00		ug/L	5.0	0.41	67.8	0
15.24	20.00		ug/L	5.0	0.29	76.2	0
38.71	50.00		ug/L	0	0	77.4	0
13.13	20.00		ug/L	5.0	0.25	65.6	0
14.21	20.00		ug/L	5.0	0.14	71	0
36.73	50.00		ug/L	0	0	73.5	0
20.8	50.00		ug/L	0	0	41.6	0
40.1	50.00		ug/L	0	0	80.2	0
13.6	20.00		ug/L	5.0	0.37	68	0
16.13	20.00		ug/L	5.0	0.23	80.6	0
13.66	20.00		ug/L	5.0	0.47	68.3	0
9.85	20.00		ug/L	5.0	0.24	49.2	0
13.92	20.00		ug/L	5.0	0.23	69.6	0
34.65	50.00		ug/L	0	0	69.3	0
11.26	20.00		ug/L	5.0	0.14	56.3	0
9.85	20.00		ug/L	5.0	0.24	49.2	0

[redacted]

12.4	20.00	J	ug/L	20	0.52	62	0
13.09	60.00		ug/L	0	0	26.2	0
5.61	20.00	J	ug/L	20	3.0	28	0
ND	0	U	ug/L	1.0	0.17	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.34	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.32	0	0
ND	0	U	ug/L	1.0	0.30	0	0
ND	0	U	ug/L	1.0	0.41	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.23	0	0
ND	0	U	ug/L	1.0	0.42	0	0
ND	0	U	ug/L	1.0	0.34	0	0
ND	0	U	ug/L	1.0	0.22	0	0
ND	0	U	ug/L	1.0	0.26	0	0
19.02	20.00		ug/L	0	0	95.1	0
ND	0	U	ug/L	1.0	0.26	0	0
ND	0	U	ug/L	1.0	0.13	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.20	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.17	0	0
18.8	20.00		ug/L	0	0	94	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.41	0	0
ND	0	U	ug/L	1.0	0.22	0	0
ND	0	U	ug/L	1.0	0.40	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	2.0	0.40	0	0
ND	0	U	ug/L	1.0	0.12	0	0
2.54	0	J	ug/L	5.0	0.64	0	0
ND	0	U	ug/L	5.0	0.76	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.16	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.22	0	0
ND	0	U	ug/L	1.0	0.14	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.26	0	0
ND	0	U	ug/L	1.0	0.20	0	0
19.44	20.00		ug/L	0	0	97.2	0
ND	0	U	ug/L	1.0	0.29	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.34	0	0
ND	0	U	ug/L	1.0	0.39	0	0

[redacted]

ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	3.0	0.62	0	0
ND	0	U	ug/L	1.0	0.17	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.34	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.32	0	0
ND	0	U	ug/L	1.0	0.30	0	0
ND	0	U	ug/L	1.0	0.41	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.23	0	0
ND	0	U	ug/L	1.0	0.42	0	0
ND	0	U	ug/L	1.0	0.34	0	0
ND	0	U	ug/L	1.0	0.22	0	0
ND	0	U	ug/L	1.0	0.26	0	0
20.17	20.00		ug/L	0	0	101	0
ND	0	U	ug/L	1.0	0.26	0	0
ND	0	U	ug/L	1.0	0.13	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.20	0	0
ND	0	U	ug/L	1.0	0.20	0	0
ND	0	U	ug/L	5.0	0.87	0	0
ND	0	U	ug/L	1.0	0.14	0	0
ND	0	U	ug/L	1.0	0.15	0	0
19.57	20.00		ug/L	0	0	97.8	0
ND	0	U	ug/L	1.0	0.23	0	0
ND	0	U	ug/L	1.0	0.16	0	0
ND	0	U	ug/L	10	3.1	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.16	0	0
ND	0	U	ug/L	1.0	0.099	0	0
20.33	20.00		ug/L	1.0	0.16	102	0
17.37	20.00		ug/L	1.0	0.099	86.8	0
22.28	20.00		ug/L	1.0	1.0	111	0
18	20.00		ug/L	1.0	0.26	90	0
19.52	20.00		ug/L	1.0	0.14	97.6	0
ND	0	U	ug/L	1.0	1.0	0	0
ND	0	U	ug/L	1.0	0.26	0	0
ND	0	U	ug/L	1.0	0.14	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.24	0	0
ND	0	U	ug/L	1.0	0.17	0	0
19.12	20.00		ug/L	0	0	95.6	0

[redacted]

ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.41	0	0
ND	0	U	ug/L	1.0	0.22	0	0
ND	0	U	ug/L	1.0	0.40	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	2.0	0.40	0	0
ND	0	U	ug/L	1.0	0.12	0	0
2.22	0	J	ug/L	5.0	0.64	0	0
ND	0	U	ug/L	5.0	0.76	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.16	0	0
ND	0	U	ug/L	1.0	0.21	0	0
ND	0	U	ug/L	1.0	0.22	0	0
ND	0	U	ug/L	1.0	0.14	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.18	0	0
ND	0	U	ug/L	1.0	0.25	0	0
ND	0	U	ug/L	1.0	0.20	0	0
20.15	20.00		ug/L	0	0	101	0
ND	0	U	ug/L	1.0	0.29	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	1.0	0.34	0	0
ND	0	U	ug/L	1.0	0.39	0	0
ND	0	U	ug/L	1.0	0.19	0	0
ND	0	U	ug/L	3.0	0.62	0	0
18.63	20.00		ug/L	1.0	0.17	93.2	0
20.13	20.00		ug/L	1.0	0.19	101	0
18.99	20.00		ug/L	1.0	0.34	95	0
20.25	20.00		ug/L	1.0	0.25	101	0
18.09	20.00		ug/L	1.0	0.21	90.4	0
18.5	20.00		ug/L	1.0	0.24	92.5	0
19.41	20.00		ug/L	1.0	0.32	97	0
17.08	20.00		ug/L	1.0	0.30	85.4	0
19.84	20.00		ug/L	1.0	0.41	99.2	0
18.02	20.00		ug/L	1.0	0.19	90.1	0
19.26	20.00		ug/L	1.0	0.23	96.3	0
17.44	20.00		ug/L	1.0	0.42	87.2	0
29.66	20.00		ug/L	1.0	0.34	148	0
19.77	20.00		ug/L	1.0	0.22	98.8	0
18.78	20.00		ug/L	1.0	0.26	93.9	0
18.54	20.00		ug/L	0	0	92.7	0
19.84	20.00		ug/L	1.0	0.26	99.2	0
19.7	20.00		ug/L	1.0	0.13	98.5	0
20.47	20.00		ug/L	1.0	0.21	102	0
20.22	20.00		ug/L	1.0	0.24	101	0
19.7	20.00		ug/L	1.0	0.20	98.5	0
19.06	20.00		ug/L	1.0	0.20	95.3	0
19.07	20.00		ug/L	5.0	0.87	95.4	0
21.46	20.00		ug/L	1.0	0.14	107	0
18.27	20.00		ug/L	1.0	0.15	91.4	0
20.67	20.00		ug/L	0	0	103	0
21.79	20.00		ug/L	1.0	0.23	109	0

[redacted]

24.72	20.00	ug/L	1.0	0.15	124	0
18.05	20.00	ug/L	10	3.1	90.2	0
20.46	20.00	ug/L	1.0	0.25	102	0
19.43	20.00	ug/L	1.0	0.18	97.2	0
19.17	20.00	ug/L	1.0	0.24	95.8	0
19.32	20.00	ug/L	1.0	0.16	96.6	0
16.66	20.00	ug/L	1.0	0.099	83.3	0
18.08	20.00	ug/L	1.0	1.0	90.4	0
17.88	20.00	ug/L	1.0	0.26	89.4	0
19.73	20.00	ug/L	1.0	0.14	98.6	0
20.84	20.00	ug/L	1.0	0.19	104	0
19.11	20.00	ug/L	1.0	0.21	95.6	0
19.43	20.00	ug/L	1.0	0.25	97.2	0
18.42	20.00	ug/L	1.0	0.25	92.1	0
19.49	20.00	ug/L	1.0	0.25	97.4	0
18.51	20.00	ug/L	1.0	0.24	92.6	0
18.64	20.00	ug/L	1.0	0.17	93.2	0
18.72	20.00	ug/L	0	0	93.6	0
20.22	20.00	ug/L	1.0	0.25	101	0
19.26	20.00	ug/L	1.0	0.41	96.3	0
19.01	20.00	ug/L	1.0	0.22	95	0
19.64	20.00	ug/L	1.0	0.40	98.2	0
19.68	20.00	ug/L	1.0	0.25	98.4	0
38.98	40.00	ug/L	2.0	0.40	97.4	0
18.55	20.00	ug/L	1.0	0.12	92.8	0
17.38	20.00	ug/L	5.0	0.64	86.9	0
15.74	20.00	ug/L	5.0	0.76	78.7	0
21.05	20.00	ug/L	1.0	0.18	105	0
19.02	20.00	ug/L	1.0	0.16	95.1	0
18.71	20.00	ug/L	1.0	0.21	93.6	0
22.13	20.00	ug/L	1.0	0.22	111	0
19.34	20.00	ug/L	1.0	0.14	96.7	0
19.28	20.00	ug/L	1.0	0.18	96.4	0
19.07	20.00	ug/L	1.0	0.18	95.4	0
22.59	20.00	ug/L	1.0	0.25	113	0
20.66	20.00	ug/L	1.0	0.20	103	0
19.98	20.00	ug/L	0	0	99.9	0
18.45	20.00	ug/L	1.0	0.29	92.2	0
17.47	20.00	ug/L	1.0	0.19	87.4	0
20.19	20.00	ug/L	1.0	0.34	101	0
19.8	20.00	ug/L	1.0	0.39	99	0
18.89	20.00	ug/L	1.0	0.19	94.4	0
57.69	60.00	ug/L	3.0	0.62	96.2	0
20.31	20.00	ug/L	1.0	0.17	102	0
21.26	20.00	ug/L	1.0	0.19	106	0
21.25	20.00	ug/L	1.0	0.34	106	0
21.27	20.00	ug/L	1.0	0.25	106	0
20.38	20.00	ug/L	1.0	0.21	102	0
19.56	20.00	ug/L	1.0	0.24	97.8	0
19.12	20.00	ug/L	1.0	0.32	95.6	0
20.45	20.00	ug/L	1.0	0.30	102	0
21.14	20.00	ug/L	1.0	0.41	106	0

[redacted]

21.04	20.00	ug/L	1.0	0.19	105	0
22.01	20.00	ug/L	1.0	0.23	110	0
17.9	20.00	ug/L	1.0	0.42	89.5	0
21.64	20.00	ug/L	1.0	0.34	108	0
20.67	20.00	ug/L	1.0	0.22	103	0
19.59	20.00	ug/L	1.0	0.26	98	0
19.71	20.00	ug/L	0	0	98.6	0
20.75	20.00	ug/L	1.0	0.26	104	0
22.87	20.00	ug/L	1.0	0.13	114	0
21.67	20.00	ug/L	1.0	0.21	108	0
21.32	20.00	ug/L	1.0	0.24	107	0
20.81	20.00	ug/L	1.0	0.20	104	0
21.3	20.00	ug/L	1.0	0.20	106	0
17.66	20.00	ug/L	5.0	0.87	88.3	0
20.96	20.00	ug/L	1.0	0.14	105	0
20.26	20.00	ug/L	1.0	0.15	101	0
20.19	20.00	ug/L	0	0	101	0
21.7	20.00	ug/L	1.0	0.23	108	0
26.04	20.00	ug/L	1.0	0.15	130	0
16.59	20.00	ug/L	10	3.1	83	0
20.95	20.00	ug/L	1.0	0.25	105	0
21.33	20.00	ug/L	1.0	0.18	107	0
19.11	20.00	ug/L	1.0	0.24	95.6	0
21.21	20.00	ug/L	1.0	0.19	106	0
18.6	20.00	ug/L	1.0	0.21	93	0
19.62	20.00	ug/L	1.0	0.25	98.1	0
18.05	20.00	ug/L	1.0	0.25	90.2	0
20.44	20.00	ug/L	1.0	0.25	102	0
20.43	20.00	ug/L	1.0	0.24	102	0
19.45	20.00	ug/L	1.0	0.17	97.2	0
19.71	20.00	ug/L	0	0	98.6	0
20.03	20.00	ug/L	1.0	0.25	100	0
16.28	20.00	ug/L	1.0	0.41	81.4	0
21.83	20.00	ug/L	1.0	0.22	109	0
23.38	20.00	ug/L	1.0	0.40	117	0
22.24	20.00	ug/L	1.0	0.25	111	0
43.99	40.00	ug/L	2.0	0.40	110	0
20.66	20.00	ug/L	1.0	0.12	103	0
20.15	20.00	ug/L	5.0	0.84	101	0
18.72	20.00	ug/L	5.0	0.76	93.6	0
22.83	20.00	ug/L	1.0	0.18	114	0
21.78	20.00	ug/L	1.0	0.16	109	0
21.44	20.00	ug/L	1.0	0.21	107	0
22.83	20.00	ug/L	1.0	0.22	114	0
22.64	20.00	ug/L	1.0	0.14	113	0
22.12	20.00	ug/L	1.0	0.18	111	0
22.58	20.00	ug/L	1.0	0.18	113	0
21.31	20.00	ug/L	1.0	0.25	107	0
21.07	20.00	ug/L	1.0	0.20	105	0
20.38	20.00	ug/L	0	0	102	0
20.06	20.00	ug/L	1.0	0.29	100	0
20.42	20.00	ug/L	1.0	0.19	102	0

[redacted]

19.58	20.00	ug/L	1.0	0.34	97.9	0
17.86	20.00	ug/L	1.0	0.39	89.3	0
17.22	20.00	ug/L	1.0	0.19	86.1	0
65.43	60.00	ug/L	3.0	0.62	109	0
4.23	4.400	s.u.	0	0	96.1	0

LowerLimit	UpperLimit	RPD/RER	<PQL	USEPA_P	USEPA_QI	ND<PQL	USEPA_Pr	USEPA_St
0	0	0	<0.10		J	ND<0.10		
0	0	0	<0.10		U	ND<0.10		
0	0	0	<0.10		J	ND<0.10		
0	0	0	<0.40		U	ND<0.40		
0	0	0	<0.10		U	ND<0.10		
38	115	0	0.95			0.95		
0	0	0	<0.10		U	ND<0.10		
13	36	0	0.29			0.29		
23	112	0	0.80			0.80		
32	100	0	0.73			0.73		
22	59	0	0.42			0.42		
31	93	0	0.71			0.71		
0	0	0	<0.10		U	ND<0.10		
0	0	0	<0.10		U	ND<0.10		
0	0	0	<0.40		U	ND<0.40		
0	0	0	<0.10		U	ND<0.10		
0	0	0	<0.10		J	ND<0.10		
0	0	0	<0.10		U	ND<0.10		
0	0	0	<0.10		U	ND<0.10		
0	0	0	<0.020	12DCE	U	ND<0.020	5	
0	0	0	<0.020		U	ND<0.020		
0	0	0	<0.020		U	ND<0.020		
70	130	0	0.39	12DCE-d4		0.39		
70	130	0	0.38	DBFM		0.38		
70	130	0	0.38	Toluen-d8		0.38		
70	130	0	0.36	4-BFB		0.36		
0	0	0	<0.020		U	ND<0.020		
0	0	0	<0.020	Chlorofm	U	ND<0.020		
0	0	0	0.22	Benzene		0.22	5	
0	0	0	<0.020	VC	U	ND<0.020	2	
0	0	0	<0.020	11DCE	U	ND<0.020		
0	0	0	<0.10	MEK	U	ND<0.10		
0	0	0	<0.020	TCE	U	ND<0.020	5	
0	0	0	<0.050	Pb dis	J	ND<0.050	15	
0	0	0	0.14			0.14	21	
0	0	0	<0.050		U	ND<0.050	25	
0	0	0	<0.050		U	ND<0.050	28	
0	0	0	<0.050		J	ND<0.050	2	
0	0	0	<0.050		J	ND<0.050	3	
0	0	0	1.2	Ba dis		1.2	2000	
0	0	0	<0.020		U	ND<0.020	5	
0	0	0	<0.020	Cd dis	U	ND<0.020	5	
0	0	0	0.057	Cr dis		0.057	100	
0	0	0	<0.050		U	ND<0.050	23	
0	0	0	<0.0020		U	ND<0.0020		
			0.042	EthBenz		0.042	700	
			<0.0050		U	ND<0.0050		
			<0.0050		U	ND<0.0050		
			<0.0050		U	ND<0.0050		
			0.0082			0.0082		
			<0.0050		U	ND<0.0050		

[redacted]

		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050	12DCE	U	ND<0.0050
		0.0063			0.0063
		0.014			0.014
		<0.0050		U	ND<0.0050
		0.042	Toluen		0.042 1000
		<0.0050		J	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		0.099	Xylene		0.099 10000
		<0.0050		U	ND<0.0050
		0.067			0.067
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
75	120	0.096	12DCE-d4		0.096
85	115	0.092	DBFM		0.092
85	110	0.10	Toluen-d8		0.10
80	110	0.10	4-BFB		0.10
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		0.088	Acetone		0.088
		<0.0050	Chlorofm	U	ND<0.0050
		0.24	Benzene		0.24 5
		<0.0050	11Tri	U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		0.41			0.41
		<0.0050	VC	U	ND<0.0050
		<0.025	MeCl2	J	ND<0.025 5
		<0.0050		J	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		0.030	11DCE		0.030
		<0.0050	11DCE	U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.0050		U	ND<0.0050
		<0.025	MEK	J	ND<0.025
		<0.0050		U	ND<0.0050
		<0.0050	TCE	U	ND<0.0050
		<0.0050		U	ND<0.0050

[redacted]

			<0.0050	U	ND<0.0050
			<0.0050	U	ND<0.0050
			0.21		0.21
			0.032		0.032
			<0.0050	U	ND<0.0050
			<0.0050	U	ND<0.0050
			0.082		0.082
			<0.0050	U	ND<0.0050
			<0.0050	U	ND<0.0050
			<0.0050	U	ND<0.0050
			<0.0060	J	ND<0.0050
			<0.0050	J	ND<0.0050
0	0	0	<100	U	ND<100
0	0	0	<100	U	ND<100
0	0	0	ND		ND<0
			7.87		7.87
0	0	0	<0.00020	U	ND<0.00020
0	0	0	0.00021		0.00021
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.00020	U	ND<0.00020
0	0	0	<0.00020	U	ND<0.00020
0	0	0	0.00038		0.00038
0	0	0	<0.00020	U	ND<0.00020
40	110	0	0.000040		0.000040
0	0	0	<0.00020	U	ND<0.00020
40	110	0	0.000045		0.000045
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	0.040		0.040
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	0.021		0.021
			<0.0057	U	ND<0.0057
0	0	0	<0.011	J	ND<0.011

[redacted]

0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	0.018		0.018
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
32	115	0	0.057		0.057
0	0	0	0.0040		0.0040
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	0.010		0.010
0	0	0	<0.0011	U	ND<0.0011
13	36	0	0.020		0.020
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
23	112	0	0.059		0.059
0	0	0	0.00089		0.00089
0	0	0	0.00090		0.00090
0	0	0	0.0022		0.0022
0	0	0	0.0046		0.0046
0	0	0	0.00074		0.00074
0	0	0	<0.00011	U	ND<0.00011
0	0	0	0.0035		0.0035
32	100	0	0.029		0.029
			0.032		0.032
22	59	0	0.029		0.029
31	93	0	0.042		0.042
0	0	0	0.0016		0.0016
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.00011	U	ND<0.00011
			<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	0.0030		0.0030
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.00011	U	ND<0.00011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	0.013		0.013
0	0	0	<0.0011	U	ND<0.0011
0	0	0	0.0030		0.0030
0	0	0	0.015		0.015
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0057	U	ND<0.0057
0	0	0	<0.0011	U	ND<0.0011
0	0	0	<0.0011	U	ND<0.0011

[redacted]

0	0	0	<0.0011		U	ND<0.0011
			0.017			0.017
0	0	0	0.048			0.048
0	0	0	0.014			0.014
0	0	0	<0.00011		U	ND<0.00011
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0011		U	ND<0.0011
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0057		U	ND<0.0057
0	0	0	0.013			0.013
0	0	0	<0.0011		U	ND<0.0011
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0011		U	ND<0.0011
0	0	0	<0.0057		U	ND<0.0057
0	0	0	<0.0011		U	ND<0.0011
0	0	0	<0.0011		U	ND<0.0011
0	0	0	<0.0011		U	ND<0.0011
0	0	0	<0.0011		U	ND<0.0011
0	0	0	<0.0057		U	ND<0.0057
0	0	0	0.16			0.16
			<0.0010	EthBenz	U	ND<0.001(700
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010	12DCE	U	ND<0.001(6
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010	Toluen	U	ND<0.001(1000
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0030	Xylene	U	ND<0.003(10000
			<0.0010		U	ND<0.0010
			<0.0020		U	ND<0.0020
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010

[redacted]

75	120		0.020	12DCE-d4		0.020
86	115		0.019	DBFM		0.019
85	110		0.019	Toluen-d8		0.019
80	110		0.018	4-BFB		0.018
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.010	Acetone	U	ND<0.010
			0.0010	Chlorofm		0.0010
			<0.0010	Benzene	U	ND<0.0010 5
			<0.0010	111Tri	U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010	VC	U	ND<0.0010 2
			<0.0050	MeCl2	U	ND<0.0050 5
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010	11DCE	U	ND<0.0010
			<0.0010	11DCE	U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0050	MEK	U	ND<0.0050
			<0.0010		U	ND<0.0010
			<0.0010	TCE	U	ND<0.0010 5
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0050		U	ND<0.0050
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
			<0.0010		U	ND<0.0010
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
			<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0

[redacted]

32	100	0	34.76			34.76
22	59	0	20.74			20.74
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<10		U	ND<10
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
			<10		U	ND<10
			<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<10		U	ND<10
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<10		U	ND<10
23	112	0	41.22			41.22
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<5.0		U	ND<5.0
0	0	0	<1.0		U	ND<1.0
50	150		229.4			229.4
50	150	35	229.4			229.4
80	120	0	0.1066			0.1066 2
80	120	0	0.09962			0.09962 3
80	120	0	0.1012	Ba dis		0.1012 2000
80	120	0	0.09868			0.09868 5
80	120	0	0.1015	Cd dis		0.1015 5
80	120	0	0.1003	Cr dis		0.1003 100
80	120	0	0.1026	Pb dis		0.1026 15
80	120	0	0.09733			0.09733 21
80	120	0	0.1007			0.1007 23
80	120	0	0.1031			0.1031 25
80	120	0	0.09763			0.09763 28
80	120	20	0.00191			0.00191
97	103	0	82			82
60	120	0	1512			1512
75	125	0	124.8			124.8
0	0	0	<0.0050		U	ND<0.005(2
0	0	0	<0.0050		U	ND<0.005(3
0	0	0	<0.0050	Ba dis	U	ND<0.005(2000
0	0	0	<0.0020		U	ND<0.002(5
0	0	0	<0.0020	Cd dis	U	ND<0.002(5
0	0	0	<0.0050	Cr dis	U	ND<0.005(100
0	0	0	<0.0050	Pb dis	U	ND<0.005(15
0	0	0	<0.0050		U	ND<0.005(21

[redacted]

0	0	0	<0.0050	U	ND<0.005(23
0	0	0	<0.0050	U	ND<0.005(25
0	0	0	<0.0050	U	ND<0.005(28
0	0	0	<0.00020	U	ND<0.00020
0	0	0	<100	U	ND<100
0	0	0	<100	U	ND<100
40	110	0	0.088		0.088
40	110	0	0.065		0.065
40	110	0	0.084		0.084
40	110	0	0.07		0.07
0	0	0	<10	U	ND<10
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
			<5.0	U	ND<5.0
0	0	0	<10	U	ND<10
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
38	115	0	31.97		31.97
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<10	U	ND<10
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	J	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<10	U	ND<10

[redacted]

0	0	0	<10		U	ND<10	
0	0	0	<10		U	ND<10	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
31	93	0	34.21			34.21	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<10		U	ND<10	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<20		U	ND<20	
0	0	0	<10		U	ND<10	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
13	36	0	12.86			12.86	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<10		U	ND<10	
0	0	0	<10		U	ND<10	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
38	115	0	31.97			31.97	
0	0	0	<5.0		U	ND<5.0	
0	0	0	<5.0		U	ND<5.0	
32	100	0	34.76			34.76	
22	59	0	20.74			20.74	
			<1.0		U	ND<1.0	
			<5.0	MEK	U	ND<5.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
80	110		18.31	4-BFB		18.31	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<10	Acetone	U	ND<10	
			<1.0	Benzene	U	ND<1.0	5
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0	Chlorofm	U	ND<1.0	
23	112	0	41.22			41.22	
0	0	0	<5.0		U	ND<5.0	

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0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
31	93	0	34.21		34.21
0	0	0	<5.0	U	ND<5.0
0	0	0	<5.0	U	ND<5.0
0	0	0	<20	U	ND<20
13	36	0	12.86		12.86
0	0	0	<20	U	ND<20
30	120	0	13.51		13.51
35	105	0	14.27		14.27
35	100	0	13.43		13.43
30	100	0	13.36		13.36
30	100	0	13.55		13.55
30	100		13.38		13.38
50	130	0	15.08		15.08
50	110	0	15.24		15.24
38	115	0	38.71		38.71
50	115	0	13.13		13.13
50	105	0	13.93		13.93
30	110	0	12.42		12.42
15	140	0	10.69		10.69
50	120	0	14.21		14.21
50	105	0	13.25		13.25
50	115	0	14.21		14.21
50	105	0	14.73		14.73
35	105	0	13.28		13.28
32	100	0	36.73		36.73
22	59	0	20.8		20.8
45	105	0	13.58		13.58
40	110	0	11.26		11.26
50	115	0	14.29		14.29
40	115	0	12.81		12.81
30	110		9.79		9.79
30	120	0	14.11		14.11
20	125	0	13.6		13.6
40	130	0	12.81		12.81
50	115	0	16.86		16.86
45	110	0	13.57		13.57
15	110	0	14.02		14.02
50	110	0	15.3		15.3
35	150	0	13.07		13.07
10	58	0	5.04		5.04
23	112	0	40.1		40.1
45	110	0	14.9		14.9
50	105	0	15.13		15.13
30	120	0	13.39		13.39
45	135	0	14.24		14.24
55	110	0	15.46		15.46
55	110	0	15.86		15.86
55	110	0	15.34		15.34

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45	120	0	15.46		15.46
40	125	0	15.57		15.57
45	125	0	15.95		15.95
30	120	0	11.85		11.85
45	105	0	14.47		14.47
35	110	0	13.2		13.2
25	130	0	13.4		13.4
40	125	0	15.36		15.36
45	115	0	15.41		15.41
50	150	0	15.82		15.82
55	110	0	16.57		16.57
40	125	0	15.93		15.93
55	105	0	14.84		14.84
40	120	0	14.93		14.93
25	125	0	15.71		15.71
55	115	0	15.57		15.57
35	135	0	14.5		14.5
55	115	0	15.74		15.74
50	110	0	15.31		15.31
50	110	0	16.13		16.13
25	105	0	13.6		13.6
25	105	0	15.27		15.27
30	95	0	13.66		13.66
45	125	0	15.88		15.88
50	110	0	14.11		14.11
40	100	0	13.08		13.08
45	110	0	13.92		13.92
31	93	0	34.65		34.65
25	110	0	9.24		9.24
35	130	0	14.22		14.22
40	115	0	12.4		12.4
50	115	0	14.99		14.99
12	43	0	5.46		5.46
13	36	0	13.09		13.09
50	130	0	15.95		15.95
10	71	0	<10	J	ND<10
30	110	0	13.55		13.55
50	110	0	15.24		15.24
38	115	0	38.71		38.71
50	115	0	13.13		13.13
50	120	0	14.21		14.21
32	100	0	36.73		36.73
22	59	0	20.8		20.8
23	112	0	40.1		40.1
25	105	0	13.6		13.6
50	110	0	16.13		16.13
30	95	0	13.66		13.66
30	110	0	9.85		9.85
45	110	0	13.92		13.92
31	93	0	34.65		34.65
40	110	0	11.26		11.26
30	110	0	9.85		9.85

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40	115	0	<20		J	ND<20	
13	36	0	13.09			13.09	
10	71	0	<20		J	ND<20	
			<1.0		U	ND<1.0	
			<1.0	111Tri	U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0	11DCE	U	ND<1.0	
			<1.0	11DCE	U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0	12DCE	U	ND<1.0	5
75	120		19.02	12DCE-d4		19.02	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
85	115		18.8	DBFM		18.8	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0	EthBenz	U	ND<1.0	700
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<2.0		U	ND<2.0	
			<1.0		U	ND<1.0	
			<5.0	MeCl2	J	ND<5.0	5
			<5.0		U	ND<5.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
85	110		<1.0	Toluen	U	ND<1.0	1000
			19.44	Toluen-d8		19.44	
			<1.0		U	ND<1.0	
			<1.0		U	ND<1.0	
			<1.0	TCE	U	ND<1.0	5
			<1.0		U	ND<1.0	

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			<1.0	VC	U	ND<1.0	2	
			<3.0	Xylene	U	ND<3.0	10000	
			<1.0		U	ND<1.0		
			<1.0	111Tri	U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0	11DCE	U	ND<1.0		
			<1.0	11DCE	U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0	12DCE	U	ND<1.0	5	
75	120		20.17	12DCE-d4		20.17		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<5.0	MEK	U	ND<5.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
80	110		19.57	4-BFB		19.57		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<10	Acetone	U	ND<10		
			<1.0	Benzene	U	ND<1.0	5	
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
75	125	0	20.33			20.33		
60	125	0	17.37			17.37		
30	185	0	22.28			22.28		
60	165	0	18			18		
65	140	0	19.52			19.52		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0	Chlorofm	U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
85	115		19.12	DBFM		19.12		

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			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0	EthBenz	U	ND<1.0	700	
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<2.0		U	ND<2.0		
			<1.0		U	ND<1.0		
			<5.0	MeCl2	J	ND<5.0	5	
			<5.0		U	ND<5.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
85	110		<1.0	Toluen	U	ND<1.0	1000	
			20.15	Toluen-d8		20.15		
			<1.0		U	ND<1.0		
			<1.0		U	ND<1.0		
			<1.0	TCE	U	ND<1.0	5	
			<1.0		U	ND<1.0		
			<1.0	VC	U	ND<1.0	2	
			<3.0	Xylene	U	ND<3.0	10000	
80	130	0	18.63			18.63		
75	130	0	20.13	111Trl		20.13		
75	130	0	18.99			18.99		
75	125	0	20.25			20.25		
75	133	0	18.09	11DCE		18.09		
70	146	0	18.5	11DCE		18.5		
75	135	0	19.41			19.41		
70	140	0	17.08			17.08		
75	125	0	19.84			19.84		
70	135	0	18.02			18.02		
75	130	0	19.26			19.26		
60	130	0	17.44			17.44		
80	150	0	29.56			29.56		
70	130	0	19.77			19.77		
78	125	0	18.78	12DCE		18.78	5	
75	120	0	18.54	12DCE-d4		18.54		
75	125	0	19.84			19.84		
75	130	0	19.7			19.7		
75	130	0	20.47			20.47		
75	125	0	20.22			20.22		
75	130	0	19.7			19.7		
65	150	0	19.06			19.06		
55	150	0	19.07	MEK		19.07		
80	125	0	21.46			21.46		
60	135	0	18.27			18.27		
80	110	0	20.67	4-BFB		20.67		
80	125	0	21.79			21.79		

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77	178	0	24.72		24.72	
60	160	0	18.05	Acetone	18.05	
85	125	0	20.46	Benzene	20.46	5
80	125	0	19.43		19.43	
75	130	0	19.17		19.17	
75	125	0	19.32		19.32	
60	125	0	16.66		16.66	
30	185	0	18.08		18.08	
60	165	0	17.88		17.88	
65	140	0	19.73		19.73	
80	120	0	20.84		20.84	
50	140	0	19.11		19.11	
80	130	0	19.43	Chlorofm	19.43	
50	130	0	18.42		18.42	
75	134	0	19.49		19.49	
70	130	0	18.51		18.51	
60	115	0	18.64		18.64	
85	115	0	18.72	DBFM	18.72	
85	125	0	20.22		20.22	
20	120	0	19.26		19.26	
85	125	0	19.01	EthBenz	19.01	700
70	155	0	19.64		19.64	
80	127	0	19.68		19.68	
75	130	0	38.98		38.98	
80	130	0	18.55		18.55	
75	140	0	17.38	MeCl2	17.38	5
56	160	0	15.74		15.74	
75	145	0	21.05		21.05	
78	120	0	19.02		19.02	
80	125	0	18.71		18.71	
81	138	0	22.13		22.13	
80	134	0	19.34		19.34	
85	125	0	19.28		19.28	
70	130	0	19.07		19.07	
77	138	0	22.59		22.59	
85	125	0	20.66	Toluen	20.66	1000
85	110	0	19.98	Toluen-d8	19.98	
80	140	0	18.45		18.45	
81	123	0	17.47		17.47	
84	130	0	20.19	TCE	20.19	5
60	140	0	19.8		19.8	
50	136	0	18.89	VC	18.89	2
80	126	0	57.69	Xylene	57.69	10000
80	130	0	20.31		20.31	
75	130	0	21.26	111Tri	21.26	
75	130	0	21.25		21.25	
75	125	0	21.27		21.27	
75	133	0	20.38	11DCE	20.38	
70	145	0	19.56	11DCE	19.56	
75	135	0	19.12		19.12	
70	140	0	20.45		20.45	
75	125	0	21.14		21.14	

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70	135	0	21.04		21.04	
75	130	0	22.01		22.01	
60	130	0	17.9		17.9	
80	150	0	21.64		21.64	
70	130	0	20.67		20.67	
78	125	0	19.59	12DCE	19.59	5
75	120	0	19.71	12DCE-d4	19.71	
75	125	0	20.75		20.75	
75	130	0	22.87		22.87	
75	130	0	21.57		21.57	
75	125	0	21.32		21.32	
75	130	0	20.81		20.81	
65	150	0	21.3		21.3	
55	150	0	17.66	MEK	17.66	
80	125	0	20.96		20.96	
60	135	0	20.26		20.26	
80	110	0	20.19	4-BFB	20.19	
80	125	0	21.7		21.7	
77	178	0	26.04		26.04	
60	160	0	16.59	Acetone	16.59	
85	125	0	20.95	Benzene	20.95	5
80	125	0	21.33		21.33	
75	130	0	19.11		19.11	
80	120	0	21.21		21.21	
50	140	0	18.6		18.6	
80	130	0	19.62	Chlorofm	19.62	
60	130	0	18.05		18.05	
75	134	0	20.44		20.44	
70	130	0	20.43		20.43	
60	115	0	19.45		19.45	
85	115	0	19.71	DBFM	19.71	
85	125	0	20.03		20.03	
20	120	0	16.28		16.28	
85	125	0	21.83	EthBenz	21.83	700
70	155	0	23.38		23.38	
80	127	0	22.24		22.24	
75	130	0	43.99		43.99	
80	130	0	20.56		20.56	
75	140	0	20.15	MeCl2	20.15	5
55	160	0	18.72		18.72	
75	145	0	22.83		22.83	
78	120	0	21.78		21.78	
80	125	0	21.44		21.44	
81	138	0	22.83		22.83	
80	134	0	22.64		22.64	
85	125	0	22.12		22.12	
70	130	0	22.58		22.58	
77	138	0	21.31		21.31	
85	125	0	21.07	Toluen	21.07	1000
85	110	0	20.38	Toluen-d8	20.38	
80	140	0	20.06		20.06	
81	123	0	20.42		20.42	

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84	130	0	19.58	TCE	19.58	5
60	140	0	17.86		17.86	
50	136	0	17.22	VC	17.22	2
80	126	0	65.43	Xylene	65.43	10000
90	110		4.23		4.23	

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Michigan Laboratory ID: 9604
Wisconsin Laboratory ID: 998321720

Semivolatile Organic Compound
Data Summary Shee

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

ATS Project: Environmental Geo-Technologies, Inc. #E008-0
Report Date: 1/28/16
ATS SRF: 0106161

Sample Identification: Injection - December 2015

Sample Date:	12/31/15	QC Batch Number:	QCORG0107161-E B6A0095
Laboratory Receipt Date:	1/6/16		
Preparation Date:	1/7/16, 1/22/16	Sample Matrix:	Wastewater
Analysis Date:	1/27/16, 1/23/16	Dilution Factor:	500

Parameter (CAS)	Method	Units	Result	Reporting Limit
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 (3268-87-9)	EPA 1613B	mg/mL	<0.00000000005	0.00000000005
Tetrachlorodibenzo-p-dioxins	EPA 1613B	mg/mL	<0.00000000004	0.00000000004

Surrogates / Labeled Standards:	Method	Percent Recovery	Recovery Limits
2-Fluorobiphenyl	EPA 8270 Mod	87.0	(50 - 150)
Nitrobenzene-d5	EPA 8270 Mod	88.7	(50 - 150)
p-Terphenyl-d14	EPA 8270 Mod	103.4	(50 - 150)
Tetrachloro-m-xylene (TCMX)	EPA 8270 Mod	57.6	(50 - 150)
13C-1,2,3,4,7,8-HxCDD	EPA 1613B	110.0	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	EPA 1613B	101.0	(28 - 130)
13C-1,2,3,7,8,9-HxCDD	EPA 1613B	113.0	(32 - 141)
13C-OCDF	EPA 1613B	104.0	(17 - 157)
13C-OCDD	EPA 1613B	111.0	(17 - 157)
13C-2,3,7,8-TCDD	EPA 1613B	98.7	(25 - 164)

Comments:
USEPA Analysis 1613B performed by Vista Analytical.