

September 30, 2018

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 fifty-eighth Monthly Report ("MR") in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011).

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

EGT did not accept any F039 waste in August, 2018 so no Page A-3 of 3 laboratory analyses are necessary to be submitted as part of this MR.

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

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

Sincerely,



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

cc: J. Frost (EGT)

att.

rjp093018/EGTEPAMonthlyReport-August, 2018

**AVERAGE INJECTION RATE**

Calculation of Average Injection Rate

CURRENT REPORTING YEAR 2018

CURRENT REPORTING MONTH August

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
<b>MI-163-1W-C010, Well #1-12</b>			
Current Month	46,128	0	46,128
Since facility first injected			14,264,308
<b>MI-163-1W-C011, Well #2-12</b>			
Current Month	0	0	0
Since facility first injected			4,648,736
		Lifetime Combined	18,913,044

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 56

56 lifetime number of months of injection × 43,830 minutes/month  
= 2,454,480 minutes of injection

Lifetime combined injected volume 18,913,044 ÷ 2,454,480 minutes of injection  
= 7.7 gpm average injection rate

**WELL 1 DATA**

WELL 01 DATA

Date	Min Injection Pressure (PSIG)	Max Injection Pressure (PSIG)	Min Sight Glass Level (in)	Max Sight Glass Level (in)	Min Annulus Pressure (PSIG)	Max Annulus Pressure (PSIG)	Min Injectate pH	Max Injectate pH	Min Flow Rate (GPM)	Max Flow Rate (GPM)	Min Differential Pressure (PSIG)	Max Differential Pressure (PSIG)
8/1/2018	0.4	1.1	23.2	23.5	758.8	759.7	7.4	7.4	0.0	0.0	757.7	759.2
8/2/2018	0.3	1.5	23.2	23.5	758.1	759.1	7.4	7.4	0.0	0.0	756.7	758.7
8/3/2018	0.6	119.5	23.2	23.5	704.4	758.7	7.4	7.4	0.0	0.0	638.2	758.0
8/4/2018	119.0	119.3	23.2	23.5	757.0	758.1	7.4	7.4	0.0	0.0	637.8	638.9
8/5/2018	118.8	119.1	23.3	23.5	756.7	757.6	7.4	7.4	0.0	0.0	637.7	638.6
8/6/2018	118.7	118.9	23.3	23.5	756.3	757.2	7.4	7.4	0.0	0.0	637.5	638.4
8/7/2018	118.5	125.5	23.3	23.5	755.9	759.1	7.4	7.4	0.0	0.0	633.1	638.1
8/8/2018	79.5	761.1	23.3	23.5	756.1	1170.4	7.4	3.6	9.9	40.4	322.4	745.5
8/9/2018	74.4	792.8	23.3	23.5	761.0	1201.9	3.6	3.2	11.5	44.9	336.1	762.1
8/10/2018	71.6	74.5	23.3	23.5	751.5	768.5	3.2	3.2	0.0	0.0	679.9	694.1
8/11/2018	70.6	71.6	23.2	23.5	747.2	751.6	3.2	3.2	0.0	0.0	676.5	680.0
8/12/2018	70.1	70.8	23.2	23.5	745.2	747.3	3.2	3.2	0.0	0.0	675.0	676.6
8/13/2018	69.8	70.3	23.2	23.5	743.8	745.3	3.2	3.2	0.0	0.0	673.7	675.2
8/14/2018	69.5	70.0	23.2	23.5	742.6	743.9	3.2	3.2	0.0	0.0	672.8	674.1
8/15/2018	69.3	69.7	23.2	23.5	741.8	743.0	3.2	3.2	0.0	0.0	672.3	673.4
8/16/2018	69.3	802.7	23.3	23.4	741.9	1083.1	3.2	7.1	10.7	40.3	271.6	672.8
8/17/2018	120.7	122.9	23.2	23.4	754.7	760.0	7.1	7.1	0.0	0.0	633.9	637.2
8/18/2018	120.1	120.9	23.2	23.5	752.9	754.8	7.1	7.1	0.0	0.0	632.6	634.0
8/19/2018	119.8	120.3	23.2	23.5	752.4	753.3	7.1	7.1	0.0	0.0	632.3	633.1
8/20/2018	119.5	119.9	23.2	23.4	751.5	752.5	7.1	7.1	0.0	0.0	631.8	632.7
8/21/2018	119.2	119.7	23.2	23.5	750.9	751.7	7.1	7.1	0.0	0.0	631.4	632.1
8/22/2018	118.8	119.5	23.2	23.4	748.9	751.2	7.1	7.1	0.0	0.0	630.0	631.9
8/23/2018	118.6	119.0	23.2	23.4	746.5	748.9	7.1	7.1	0.0	0.0	627.7	630.0
8/24/2018	118.3	118.7	23.2	23.4	746.2	747.2	7.1	7.1	0.0	0.0	627.7	628.7
8/25/2018	118.1	118.5	23.2	23.4	745.9	746.6	7.1	7.1	0.0	0.0	627.6	628.2
8/26/2018	118.0	118.3	23.2	23.4	745.1	746.0	7.1	7.1	0.0	0.0	626.9	627.8
8/27/2018	117.9	118.1	23.2	23.4	744.6	745.5	7.1	7.1	0.0	0.0	626.5	627.5
8/28/2018	117.8	118.1	23.2	23.4	744.3	745.1	7.1	7.1	0.0	0.0	626.3	627.2
8/29/2018	117.7	118.0	23.2	23.4	744.0	744.7	7.1	7.1	0.0	0.0	626.1	626.9
8/30/2018	117.7	117.9	23.2	23.4	743.5	744.4	7.1	7.1	0.0	0.0	625.7	626.7

## Circle Chart Index

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

### Chart Recorder #1

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

### Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

### Chart Recorder #3

Channel #1

**Blue Pen** - Injection pH Well 1 & 2 (chart value + 3.3)

Channel #2

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

Channel #3

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

Channel #4

**Black Pen** - Temperature (chart value x 0)

## **WELL 2 DATA**

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

Chart Recorder #1

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #2

Channel #1

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

Channel #2

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

Channel #3

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

Channel #4

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

Chart Recorder #3

Channel #1

**Blue Pen** - Injection pH Well 1 & 2 (chart value + 3.3)

Channel #2

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

Channel #3

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

Channel #4

**Black Pen** - Temperature (chart value x 0)

WELL 02 DATA

Date	Min Injection Pressure (PSIG)	Max Injection Pressure (PSIG)	Min Sight Glass Level (in)	Max Sight Glass Level (in)	Min Annulus Pressure (PSIG)	Max Annulus Pressure (PSIG)	Min Injectate pH	Max Injectate pH	Min Flow Rate (GPM)	Max Flow Rate (GPM)	Min Differential Pressure (PSIG)	Max Differential Pressure (PSIG)
8/1/2018	0.0	0.0	18.9	19.1	374.9	383.4	7.4	7.4	0.0	0.0	374.9	383.4
8/2/2018	0.0	0.0	18.6	19.4	367.3	375.2	7.4	7.4	0.0	0.0	367.3	375.2
8/3/2018	0.0	0.0	18.7	19.4	359.8	367.9	7.4	7.4	0.0	0.0	359.8	367.9
8/4/2018	0.0	0.0	18.6	19.4	352.9	360.3	7.4	7.4	0.0	0.0	352.9	360.3
8/5/2018	0.0	0.0	18.7	19.5	346.6	353.5	7.4	7.4	0.0	0.0	346.6	353.5
8/6/2018	0.0	0.0	18.6	19.4	339.6	346.9	7.4	7.4	0.0	0.0	339.6	346.9
8/7/2018	0.0	0.0	18.7	19.4	333.3	340.2	7.4	7.4	0.0	0.0	333.3	340.2
8/8/2018	0.0	0.0	18.7	19.4	327.6	334.0	7.4	3.6	0.0	0.0	327.6	334.0
8/9/2018	0.0	0.0	18.7	19.4	322.5	328.2	3.6	3.2	0.0	0.0	322.5	328.2
8/10/2018	0.0	0.0	18.6	19.4	316.7	322.9	3.2	3.2	0.0	0.0	316.7	322.9
8/11/2018	0.0	0.0	18.6	19.3	311.3	317.3	3.2	3.2	0.0	0.0	311.3	317.3
8/12/2018	0.0	0.0	18.6	19.4	305.9	311.9	3.2	3.2	0.0	0.0	305.9	311.9
8/13/2018	0.0	0.0	18.6	19.3	301.1	306.5	3.2	3.2	0.0	0.0	301.1	306.5
8/14/2018	0.0	0.0	18.6	19.4	296.2	301.7	3.2	3.2	0.0	0.0	296.2	301.7
8/15/2018	0.0	0.0	18.7	19.4	291.5	296.9	3.2	3.2	0.0	0.0	291.5	296.9
8/16/2018	0.0	0.0	18.9	19.0	287.2	292.1	3.2	7.1	0.0	0.0	287.2	292.1
8/17/2018	0.0	0.0	18.9	19.0	283.0	287.9	7.1	7.1	0.0	0.0	283.0	287.9
8/18/2018	0.0	0.0	18.6	19.3	278.6	283.6	7.1	7.1	0.0	0.0	278.6	283.6
8/19/2018	0.0	0.0	18.5	19.3	274.3	279.2	7.1	7.1	0.0	0.0	274.3	279.2
8/20/2018	0.0	0.0	18.6	19.3	270.5	274.9	7.1	7.1	0.0	0.0	270.5	274.9
8/21/2018	0.0	0.0	18.5	19.3	266.6	271.1	7.1	7.1	0.0	0.0	266.6	271.1
8/22/2018	0.0	0.0	18.8	18.9	262.4	267.0	7.1	7.1	0.0	0.0	262.4	267.0
8/23/2018	0.0	0.0	18.5	19.3	258.9	263.1	7.1	7.1	0.0	0.0	258.9	263.1
8/24/2018	0.0	0.0	18.4	19.2	255.7	259.5	7.1	7.1	0.0	0.0	255.7	259.5
8/25/2018	0.0	0.0	18.9	19.0	252.5	256.4	7.1	7.1	0.0	0.0	252.5	256.4
8/26/2018	0.0	0.0	18.5	19.2	249.6	253.1	7.1	7.1	0.0	0.0	249.6	253.1
8/27/2018	0.0	0.0	18.6	19.4	246.7	250.2	7.1	7.1	0.0	0.0	246.7	250.2
8/28/2018	0.0	0.0	18.6	19.4	243.9	247.4	7.1	7.1	0.0	0.0	243.9	247.4
8/29/2018	0.0	0.0	18.6	19.3	240.6	244.6	7.1	7.1	0.0	0.0	240.6	244.6
8/30/2018	0.0	0.0	18.8	19.0	237.5	241.5	7.1	7.1	0.0	0.0	237.5	241.5

## **MAINTENANCE LOG**

**UIC Monthly Maintenance Log**

No Maintenance This Month

## **CORROSION MONITORING**

# CORROSION MONITORING COUPONS BASELINE VISUAL DESCRIPTION

November 4, 2013

## Fiberglass

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

## Hastelloy

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

## Stainless Steel

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

**CORROSION MONITORING PLAN**  
**COUPON SUMMARY**

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

## **CORROSION MONITORING COUPONS VISUAL DESCRIPTION**

**August, 2018**

### **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**

**This coupon continues to experience corrosion no real loss of mass since last month. There was very little injection that happened this month.**

# GHESEQUIERE PLASTIC TESTING, INC.

20480 HARPER AVENUE  
HARPER WOODS, MI 48226  
PHONE (313) 888-3636  
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 Citrix Drive  
Romulus, MI 48174

Attention: Mr. Don Anderson

## WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

## DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

## WORK PERFORMED:

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

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

## RESULTS:

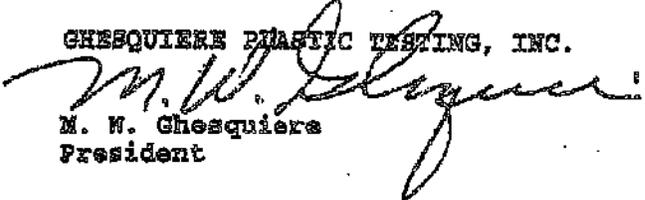
The following determination was made based upon the above test:

### BARCOL HARDNESS

	<u>Hardness</u>
Specimen 1	90

Specimen is being returned with this report for further evaluation.

GHESEQUIERE PLASTIC TESTING, INC.

  
M. W. Ghesquiere  
President

MWG/kni

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TOTAL 1 PAGES

# Ghesquiere Plastic Testing, Inc.

20460 HARPER AVENUE  
HARPER WOODS, MI 48226  
PHONE (313) 885-3535  
FAX (313) 885-1771

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

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

Attention: Mr. Don Anderson

### WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

### DESCRIPTION OF SAMPLE:

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

### WORK PERFORMED:

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

Barcol Hardness test was performed in accordance with the procedures of ASTM D2582-13. 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

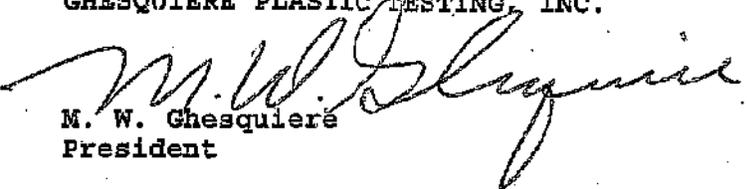
### Hardness

Specimen 1

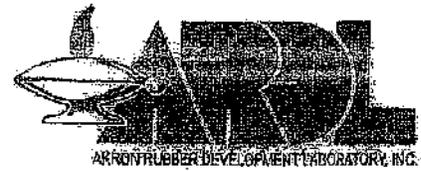
85

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:

*Missy Martin*  
Sr. Project Technician

Approved By:

*Jim Drummond*  
Physical & Plastics Testing, Manager



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

**ISO 9001:2008**  
Registered

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www.ardl.com

2887 Gilchrist Rd. | Akron, Ohio 44305 | [answers@ardl.com](mailto:answers@ardl.com)  
Toll Free (800) 830-ARDL | Worldwide (330) 794-6600 | Fax (330) 794-8610



**Testing. Development. Problem Solving.**

October 2, 2014

John Frost  
Environmental Geo-Technologies, LLC

Page 2 of 2  
PN118925

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

**RECEIVED:** One small section identified as: Fiberglass Coupon.

**BARCOL HARDNESS ASTM D 2583-13a**

**Results**

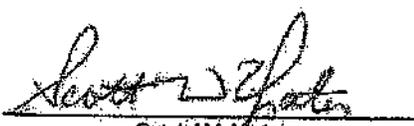
Barcol Hardness, Instant

97

Prepared By:

  
Melissa Martin  
Sr. Project Technician

Approved By:

  
Scott W. Yates  
Plastics Testing Assistant Manager

www.ardl.com

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



Progress Through Innovation, Technology and Customer Satisfaction

October 22, 2015

# TEST REPORT

PN 125322  
PO 00154

## PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By:

  
Melissa Martin  
Sr. Project Technician

Approved By:

  
Jim Djummond, Sr.  
Physical & Plastic Testing, Manager



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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

Page 2 of 2  
PN 125322

**SUBJECT:** Barcol Hardness on one material.

**RECEIVED:** One small section identified as; Fiberglass Coupon.

**BARCOL HARDNESS ASTM D 2583-13a**  
Instant Reading

**Results**

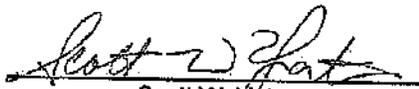
Barcol Hardness, Instant

96

Prepared By:

  
Melissa Martin  
Sr. Project Technician

Approved By:

  
Scott W. Yates  
Plastics Testing Assistant Manager

December 12, 2016

**TEST REPORT**

**PN 132662**  
PO

**PLASTICS TESTING DEPARTMENT**

Prepared For:

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

Prepared By:

*Melissa Martin*  
Senior Project Technician

Rev 041916

Approved By:

*Jim Drummond*  
Physical Testing, Manager



An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255.01 & 255.02  
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December 12, 2016

John Frost  
Environmental Geo-Technologies, LLC

Page 2 of 2  
PN 132662

**SUBJECT:** Barcol Hardness on one (1) material.

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

**BARCOL HARDNESS ASTM D 2583-13a**  
Instant Reading

RESULTS

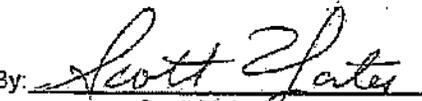
Barcol Hardness, Instant 96

Prepared By:



Melissa Martin  
Senior Project Technician

Approved By:



Scott Yates  
Plastics Testing, Assistant Manager

wk

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



Progress Through Innovation, Technology and Customer Satisfaction

December 13, 2017

## TEST REPORT

PN 139140  
PO#

### PLASTIC TESTING DEPARTMENT

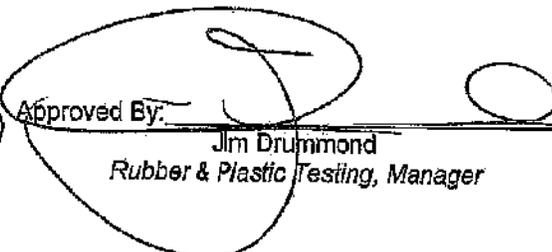
Prepared For:

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

Prepared By:

  
Melissa Martin  
Sr Project Technician

Approved By:

  
Jim Drummond  
Rubber & Plastic Testing, Manager

Rev 041916



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

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December 13, 2017

John Frost  
Environmental Geo-Technologies, LLC

Page 2 of 2  
PN 139140

**SUBJECT:** Barcol Hardness on one material.

**RECEIVED:** One small section identified as; Fiberglass Coupon.

**BARCOL HARDNESS ASTM D 2583-13a**

Instant Reading

**Results**

Barcol Hardness, Instant

96

Prepared By:

Melissa Martin  
Sr Project Technician

Approved By:

Scott Yates  
Plastics Testing, Assistant Manager

sc

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

**INJECTION  
FINGERPRINTS**

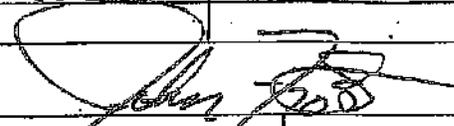
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	8.8.18
Receiving ID#	108081801
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JKF
Sampled by	JF

**COPY**

Compatible? (RT# )	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140°F	Magnesium	
pH (S.U.)	3.6	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.05	TDS	2.7%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	72°F		
Conductivity	25mS		
% Solids	2.7%		
Turbidity	Yes No		
Color (visual)			
TSS (%)	50.1		
Radiation Screen (as needed)			
Lab Signature			

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	8.9.18
Receiving ID#	108091801
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JKF
Sampled by	JF

**COPY**

ANALYTICAL PARAMETERS	UNIT	ANALYTICAL RESULTS	UNIT
Compatible? (RT# )	Yes No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140°F	Magnesium	
pH (S.U.)	3.2	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.03	TDS	2.8%
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	71°F		
Conductivity	29 mS		
% Solids	2.8%		
Turbidity	Yes No		
Color (visual)			
TSS (%)	<0.1		
Radiation Screen (as needed)			
Lab Signature			

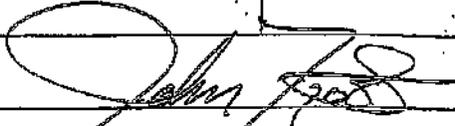
FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	8.16.18
Receiving ID#	108161801
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JF
Sampled by	JF

**COPY**

Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)	>140°F	Magnesium	
pH (S.U.)	7.1	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.01	TDS	<0.1%
Physical Description		Resistivity	
Stream Consistency	Yes <input type="radio"/> No <input type="radio"/>	Sulfate	
Oil In Sample	Yes <input type="radio"/> No <input type="radio"/>		
Temperature	72°F		
Conductivity	0.9mS		
% Solids	<0.1%		
Turbidity	Yes <input type="radio"/> No <input type="radio"/>		
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 # **01294**

**GENERATOR INFORMATION**

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

**BILLING INFORMATION**

SAME AS ABOVE

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

**WASTE INFORMATION**

Name of Waste/Common Chemical Name:

Plating Rinse

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

Electric component manufacturing process. Plating of electronic components.

**USEPA / STATE WASTE IDENTIFICATION**

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

**PHYSICAL CHARACTERISTICS OF WASTE:**

Color: <input type="checkbox"/> White/Clear <input type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other <u>Green</u>	Suspended Solids <input type="checkbox"/> 0-1 % <input type="checkbox"/> 1-3 % <input checked="" type="checkbox"/> 3-5 % <input type="checkbox"/> > 5%	Layers: <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	Specific Gravity: <input type="checkbox"/> <0.8 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.0-1.2 <input type="checkbox"/> 1.3-1.4 Exact/ Other: _____	acceptable 080118
--	--	--	---	----------------------

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
Water	77	50			%
Hydrochloric Acid	10	5			%
Hydrofluoric Acid	10	1			%
Sulfuric Acid	5	3			%



FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

RECEIVING & APPROVAL FORM

Date	3/1/18
Receiving ID#	
Manifest# Line:	
Land Ban Cert Included	Yes No
EGT Approval #	
Generator	[REDACTED]
Client	Plotting Rinsate
Transporter	
Time in	
Time out	
Received by	PS
Sampled by	

Compatible? (RT# ) Acids	(Yes) No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	>140°F	Magnesium	
pH (S.U.)	0.7	Sodium Chloride	
Cyanides? (mg/L)	630	Bicarbonate	
Sulfides? (ppm)	1200	Carbonate	
Specific Gravity	1.04	TDS	
Physical Description	liquid	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil in Sample	Yes (No)		
Temperature	64°F		
Conductivity	33mS		
% Solids	14%		
Turbidity	Yes (No)		
Color (visual)	green		
TSS (%)	11%		
Radiation Screen (as needed)	negative		
Lab Signature	[Signature]		

**GENERATOR INFORMATION**

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

**BILLING INFORMATION**

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

**WASTE INFORMATION**

Name of Waste/Common Chemical Name:  
Tank 10 Material  
 Process Generating Waste (Please be specific, incomplete information may delay the approval process):  
Formaldehyde Plant

**USEPA / STATE WASTE IDENTIFICATION**

- This waste is considered to be:  Non Hazardous Liquid Industrial Waste  Hazardous Waste
- Regulated by TSCA?  Yes  No (PCBs, etc.)
- List ALL Applicable Waste Codes: U122

**PHYSICAL CHARACTERISTICS OF WASTE**

<b>Color:</b> <input type="checkbox"/> White/Clear <input type="checkbox"/> Black/Brown <input checked="" type="checkbox"/> Other _____	<b>Suspended Solids</b> <input checked="" type="checkbox"/> 0-1 % <input type="checkbox"/> 3-5 % <input type="checkbox"/> 1-3 % <input type="checkbox"/> >5%	<b>Layers:</b> <input type="checkbox"/> Multi-Layered <input type="checkbox"/> Bi-Layered <input checked="" type="checkbox"/> Single Phase	<b>Specific Gravity:</b> <input checked="" type="checkbox"/> <0.8 <input type="checkbox"/> 1.0 - 1.2 <input type="checkbox"/> 0.8 - 1.0 <input type="checkbox"/> 1.3 - 1.4 <input type="checkbox"/> Exact / Other _____	<i>acceptable</i> <b>082718</b>
--	--	---	--	------------------------------------

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 = ~67,000 PPM (MUST BE COMPLETED)

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

CONSTITUENT	MAX	MIN	CONSTITUENT	MAX	MIN
<u>Water</u>	<u>85</u>	<u>80</u>			
<u>Formaldehyde</u>	<u>20</u>	<u>5</u>			
<u>Hexane</u>	<u>5</u>	<u>5</u>			
<u>Acetone</u>	<u>2.5</u>	<u>1.5</u>			
<u>Ammonia</u>	<u>1.2</u>	<u>0.4</u>			

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

	Not Present	Concentration	Not Present	Concentration						
PCB	<input checked="" type="checkbox"/>	_____ ppm	Aromatio Amine	<input checked="" type="checkbox"/>	_____ ppm	Arsenic (As)	D004	<input checked="" type="checkbox"/>	< 6 ppm	_____ ppm
Dioxins	<input checked="" type="checkbox"/>	_____ ppm	Featloides	<input checked="" type="checkbox"/>	_____ ppm	Berium (Ba)	D005	<input checked="" type="checkbox"/>	< 100 ppm	_____ ppm
Cyanides Reactive	<input checked="" type="checkbox"/>	_____ ppm	Rodentloides	<input checked="" type="checkbox"/>	_____ ppm	Cadmium (Cd)	D008	<input checked="" type="checkbox"/>	< 1 ppm	_____ ppm
Cyanides Total	<input checked="" type="checkbox"/>	_____ ppm	Fungloides	<input checked="" type="checkbox"/>	_____ ppm	Chromium (Cr)	D007	<input checked="" type="checkbox"/>	< 5 ppm	_____ ppm
Sulfides Reactive	<input checked="" type="checkbox"/>	_____ ppm				Lead (Pb)	D008	<input checked="" type="checkbox"/>	< 5 ppm	_____ ppm
Sulfides Total	<input checked="" type="checkbox"/>	_____ ppm				Mercury (Hg)	D009	<input checked="" type="checkbox"/>	< 0.2 ppm	_____ ppm
						Selenium (Se)	D010	<input checked="" type="checkbox"/>	< 1 ppm	_____ ppm
						Silver (Ag)	D011	<input checked="" type="checkbox"/>	< 5 ppm	_____ ppm

TGLP 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-Poaltive 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 100  
 3. DOT Shipping Name Hazardous Waste, Liquid, N.O.S. Hazard Class 9 UNNA NA3082  
 PG III 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: 10,000 gals 6. Anticipated Volume / Units per Year: 10,000 gals 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: \_\_\_\_\_ Title: \_\_\_\_\_  
 Generator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

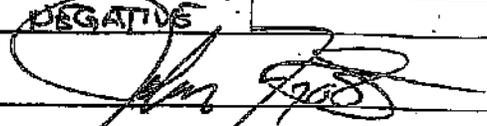
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

Date	8-27-18
Receiving ID#	
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	TANK #10
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JKF
Sampled by	JKF

Compatible? (RT# )	<input checked="" type="radio"/> Yes <input type="radio"/> No	Barium	
PCBs (ppm)(Oily Waste Only)?	NA	Calcium	
TOC (ppm)(CC Waste Only)?	NA	Total Iron	
Flash Point (°F)	>140°F	Magnesium	
pH (S.U.)	8.2	Sodium Chloride	
Cyanides? (mg/L)	<30	Bicarbonate	
Sulfides? (ppm)	<200	Carbonate	
Specific Gravity	1.03	TDS	
Physical Description	Liquid	Resistivity	
Stream Consistency	<input checked="" type="radio"/> Yes <input type="radio"/> No	Sulfate	
Oil in Sample	Yes <input type="radio"/> No <input checked="" type="radio"/>		
Temperature	79°F		
Conductivity	13.5 mS		
% Solids	3.9%		
Turbidity	Yes <input type="radio"/> No <input checked="" type="radio"/>		
Color (visual)	Yellow		
TSS (%)	20.1		
Radiation Screen (as needed)	NEGATIVE		
Lab Signature			



# ECHO Pre-Qualification Report

Location: [Redacted]  
Exposure Period: Full Shift (Processing)  
Type: Bulk

Prequal #: PQ-171219-027-H  
Report Time: 1/8/2018 9:24  
Material Description: H00DF

Generator: [Redacted]  
Customer: [Redacted]

### Specific Hazards:

Material	Concentration	Exposure	Routes	Health Effects	Frequency	Duration	Number of Workers	Number of Days	Number of Hours	Number of Incidents	Number of Exposures	Number of Cases
50000	FORMALIN, 37 WT% IN WATER ("RMP") (OHS) (U022)	16	20									
100970	HEXAMETHYLENETETRAAMINE	3	5									
7654617	AMMONIA ("RMP")	0.4	1.2									
67561	Methyl alcohol	1.5	2.5									

### Recommended PPE

Respirator
Gloves
Clothes

CHEMICAL IS A CONFIRMED OR STRONGLY SUSPECTED HUMAN CARCINOGEN

### Breakthrough Failure

Respirator 1X	FULL-FACE FAILURE
Respirator 10X	FULL-FACE FAILURE
Gloves	SOLVENT FAILURE, ULTRAFLEX FAILURE
Clothes	

### Remarks:

### Incompatible Materials:

Location: XXXXXXXXXX  
 Exposure Point: Full Service (Processing)  
 Type: Bulk

Project #: XXXXXXXXXX  
 Report Time: 1/8/2018 9:24  
 Material Description: RWDF

Elemental Analysis	EQ.05.010 (9711)	EQ.05.010 (9711)	EQ.05.010 (9711)
<b>IMACT Metals</b>			
<b>Low-volatility Metals (LVM)</b>			
Arsenic (As)	NT	<10 mg/kg	mg/kg
Beryllium (Be)	NT	<1 mg/kg	mg/kg
Chromium (Cr)(III+CrVI)	NT	<2 mg/kg	mg/kg
Total LVM (As + Be + Cr)	NT	4.3 mg/kg	mg/kg
<b>Semi-volatility Metals</b>			
Cadmium (Cd)	NT	<1 mg/kg	mg/kg
Lead (Pb)	NT	<10 mg/kg	mg/kg
Total LVM (Cd + Pb)	NT	0.5 mg/kg	mg/kg
Mercury (Hg)	NT	<0.02 mg/kg	mg/kg
<b>Other Metals</b>			
Aluminum (Al)	NT	NT mg/kg	BTU/lb
Antimony (Sb)	NT	<100 mg/kg	BTU/lb
Barium (Ba)	NT	<10 mg/kg	%(w/w)
Cobalt (Co)	NT	0.11 mg/kg	%(w/w)
Copper (Cu)	NT	0.15 mg/kg	%(w/w)
Iron (Fe)	NT	<100 mg/kg	µrad/hr
Manganese (Mn)	NT	1.3 mg/kg	mg/kg
Magnesium (Mg)	NT	<100 mg/kg	
Molybdenum (Mo)	NT	<100 mg/kg	
Nickel (Ni)	NT	0.48 mg/kg	
Potassium (K)	NT	<10 mg/kg	
Selenium (Se)	NT	NT mg/kg	lb/gal
Silicon (Si)	NT	<20 mg/kg	%(v/v)
Silver (Ag)	NT	NT mg/kg	cps
Sodium (Na)	NT	<2 mg/kg	°F
Thallium (Tl)	NT	NT mg/kg	
Tin (Sn)	NT	<20 mg/kg	
Vanadium (V)	NT	NT mg/kg	
Zinc (Zn)	NT	<10 mg/kg	
EQ.05.025 (9916) EQ.05.020 (9902) EQ.05.025 (9926) EQ.05.025 (9926) EQ.05.024 (9918) EQ.05.029 (9904) EQ.05.007 (9901) EQ.05.030 (9914)			
<b>Elemental Analysis</b>			
Calcium (Ca)	NT	1580	BTU/lb
Inorganics	NT	-138	BTU/lb
Bromine (Br)	NT	85	%(w/w)
Chlorine (Cl)	NT	0.0	%(w/w)
Fluorine (F)	NT		
Phosphorus (P)	NT		
Sulfur (S)	NT		
Total Halogens	NT		
Fluor Sulfurability	NT		
High Heating Value (HHV)	NT		
Low Heating Value (LHV)	NT		
Water	NT		
Asph	NT		
Regulatory Information			
Radioactivity			
PCBs (1)	NT	<2	µrad/hr
Miscellaneous Physical and Chemical Parameters			
Specific Gravity	NT	<1.0	mg/kg
Density	0.08	1.06	
Viscosity (May be estimated)	NT	8.85	lb/gal
Inorganics	NT	1.0	%(v/v)
Flashpoint	NT	19	cps
Compatibility	75 - <100 °F	>240 (No Flash)	°F
Inorganics	VARIES	1.0	
AT With Tank	NT	250K	
Inorganics	NT	0.3	°C
AT With Water	NT	0.0	°C
Oxidizer	NT	NT	
pH	NT	>4 - 10	
EQ.05.021 (9906) EQ.05.021 (9906)			

Footnote NT = Not Tested (2) <10 = No PCBs Detected (2) NT or <5 = Criticalities Not Compatible