May 29, 2015

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

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

Dear Mr. Batka:

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

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

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

Sincerely,

Richard J. Powals, P.E.

Vice-President

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

att.

rjp052915/EGTEPAMonthlyReport-April 2015



Calculation of Average Injection Rate

CURRENT REPORTING YEAR	2015	
CURRENT REPORTING MONTH _	APRIL	
Date (month, year) of the first injection	into either well at the Citrin Road Facility	Į

NOVEMBER 2013

Conversion factors

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected				
MD	I-163-1W-C010,	Well #1-12					
Current Month	139,794	0	139,794				
Since facility first injected			1,404,493				
MI-163-1W-C011, Well #2-12							
Current Month	120,216	0	120,216				
Since facility first injected			1,195, 931				
		Lifetime Combined	2,600,424				

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 /8 18 lifetime number of months of injection × 43,830 minutes/month = 788,940 minutes of injection Lifetime combined injected volume 2,600,424 × 788,940 minutes of injection = 3.3 gpm average injection rate

WELL 1 DATA

Well 01 Monthly Data

Date	Min	Max	Min	Max	Min	Max		May	Min	May	Min	Mox
	Injection	tion	Sight Glass	Sight Glass	Annulus	Annulus	Injectate Injectate		F	Flow	Differentail	Differential
	Pressure			Level	Pressure	Pressure	摄		Rate	Rate	Pressure	Pressure
	(PSIG)	(PSIG)	(in)	(in)	(PSIG)	(PSIG)	,		(GPM)	(GPM)	(PSIG)	(PSIG)
4/1/2015	6′6-	7.607	21.5	23.5	191.8	1033.4	6.4	11.9	0.0	113.0	186.9	377.6
4/2/2015		710.2	21.2	23.4	234.5	9.96.6	3.6	16.6	0.0	112.0	182.7	370.7
4/3/2015	-5,1	719.1	21.7	23.3	260.6	984.2	0.7	7.4	0.0	78.0	176.6	388.8
4/4/2015	-4.5	-3.4	22.9	23.2	280.4	292.7	1.4	1.8	0.0	0.0	284.2	296.7
4/5/2015	-4.1	-3.2	22.9	23.1	292.6	294.0	1.8	2.0	0.0	0.0	296.0	297.7
4/6/2015	-9.9	703.0	21.7	23.6	196.5	938.8	1.6	4.1	0.0	122.0	173.0	442.5
4/7/2015	1	704.4	21.7	23.4	224.1	963.6	-1.2	3.6	0.0	74.0	180.2	375.0
4/8/2015	-5.6	-3.6	23.2	23.4	241.3	246.5	0.2	4.4	0.0	0.0	246.2	251.0
4/9/2015		-3.1	23.2	23.4	245.2	245.8	2.3	2.5	0.0	0.0	248.8	250.0
4/10/2015	-6.2	24.6	21.5	23.4	231.6	655.5	9.0	6.8	0.0	0.0	234.1	656.3
4/11/2015		-0.5	20.4	22.6	412.0	906.5	5.2	6.5	0.0	0.0	412.8	907.0
4/12/2015		-0.5	22.3	22.6	428.6	430.7	6.0	6.4	0.0	0.0	429.2	432.0
4/13/2015	-9.9	703.7	21.3	22.6	418.8	1066.3	0.9	6.1	0.0	105.0	344.6	623.2
4/14/2015		708.6	21.2	23.4	291.1	1200.3	0.4	2.4	0.0	117.0	277.4	648.2
4/15/2015	-8.6	0.4	21.8	22.7	406.4	605.7	6.0	4.7	0.0	0.0	413.6	612.6
4/16/2015	-0.8	0.3	22.3	22.6	443.8	449.5	2.9	9,4	0.0	0.0	443.7	450.2
4/17/2015	-0.7	0.2	22.3	22.6	440.6	443.9	2.6	5.4	0.0	0.0	440.5	444.4
4/18/2015	-0.7	0.2	22.3	22.6	437.5	440.7	5.1	5.4	0.0	0.0	437.4	441.2
4/19/2015	-0.7	0.3	22.3	22.6	435.2	437.6	4.9	5.1	0.0	0.0	435.1	438.1
4/20/2015		9.0	22.3	22.6	433.4	435.8	4.1	7.8	0.0	0.0	433.1	435.6
4/21/2015		0.7	22.3	22.6	431.1	433.5	4.1	9.1	0.0	0.0	430.7	433.7
4/22/2015	-0.2	9.0	22.3	22.5	428.8	431.2	4.9	9.4	0.0	0.0	428.5	431.3
4/23/2015	-9.7	722.8	20.8	22.5	427.4	1112.2	4.6	7.2	0.0	154.0	292.0	602.0
4/24/2015	-9.9	704.1	20.8	23.1	318.2	1249.7	4.6	9.0	0.0	140.0	271.8	706.3
4/25/2015	6.8-	-3.9	22.4	22.7	417.9	439.4	5.3	5.3	0.0	0.0	421.9	448.2
4/26/2015	-4.6	-2.6	22.4	22.7	413.8	418.1	5.3	5.4	0.0	0.0	416.5	422.5
4/27/2015	-3.4	-2.1	22.5	22.7	411.1	413.9	5.3	5.6	0.0	0.0	413.5	417.2
4/28/2015	8.6-	714.2	20.9	22.6	409.9	1206.1	5.4	8.5	0.0	139.0	272.6	653.7
4/29/2015	ကို	710.8	21.0	22.6	437.2	1121.7	5.6	8.3	0.0	126.0	275.5	605.6
4/30/2015	-1.9	2.0	21.9	22.2	9729	561.3	0.9	7.5	0.0	0.0	555.6	562.7

DATA DESCRIPTION

April 2015

This month's data is reported from the report generator. The data recorded from the foundation fieldbus requires manual observation by the deep well operators, who have been manually checking flow rate by displacement of tank volume over time. This is used to generate a multiplier for the purposes of reporting flow rates. An outside programmer was hired to troubleshoot and reset the foundation fieldbus parameters.

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

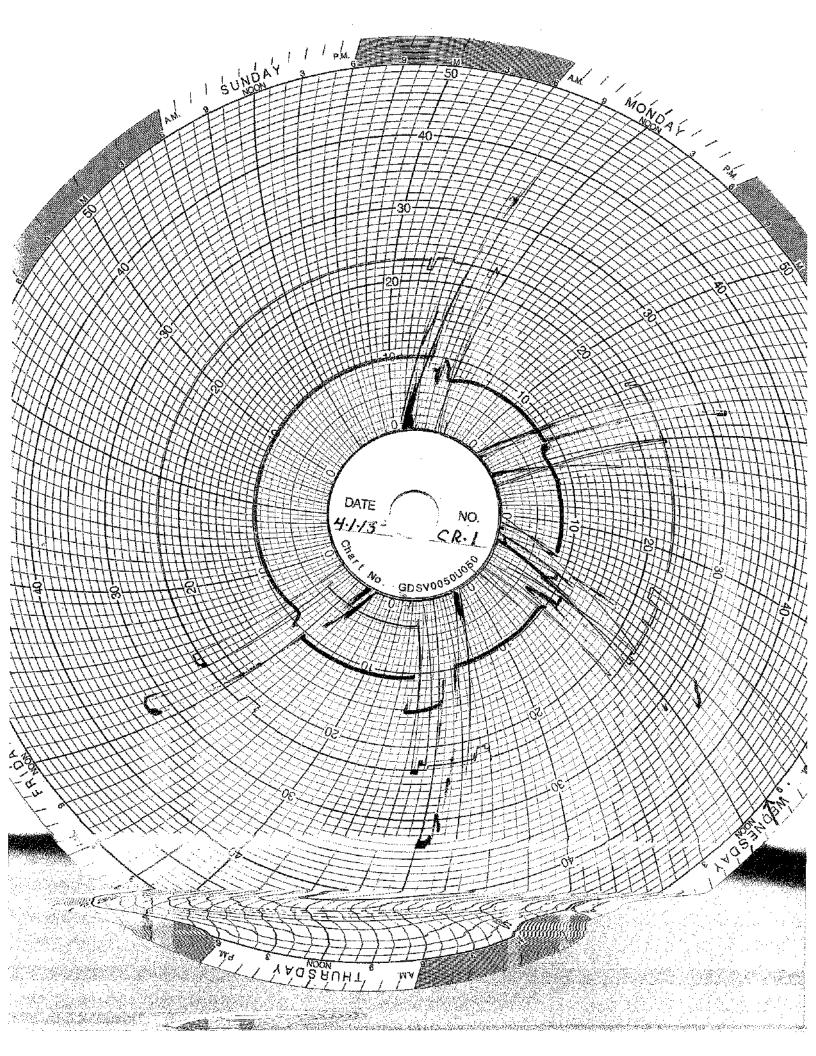
Red Pen - Well 1 Monthly Volume

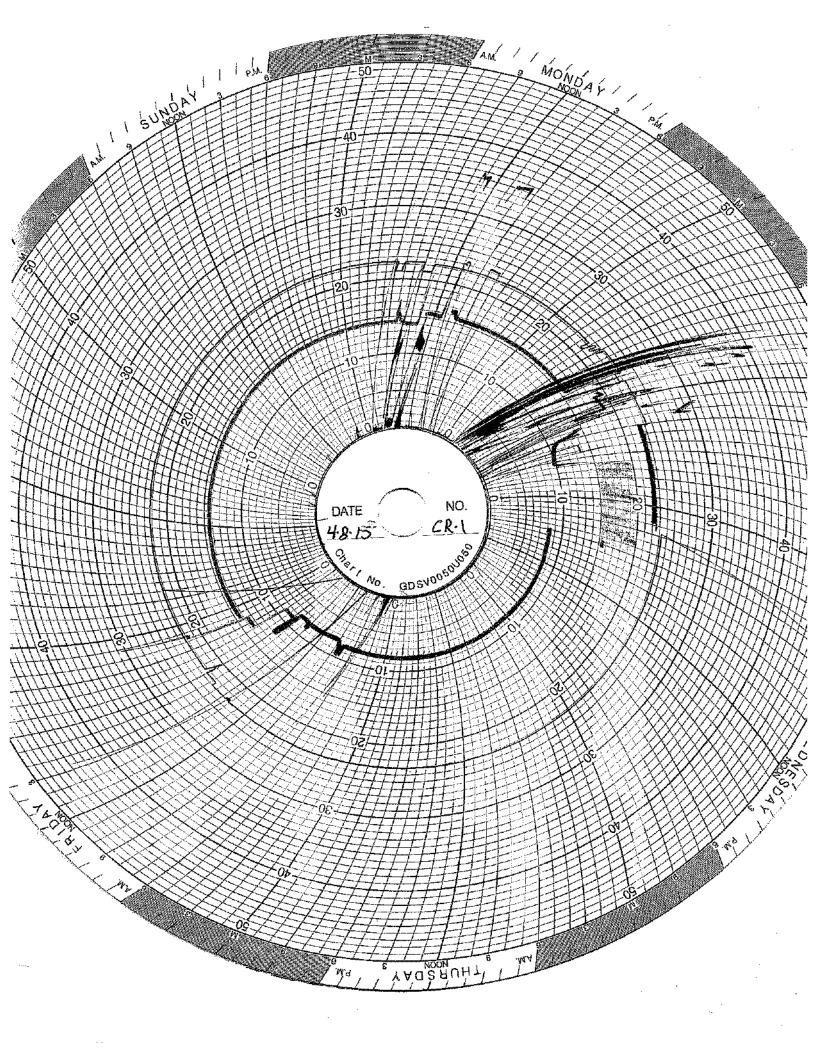
Channel #3

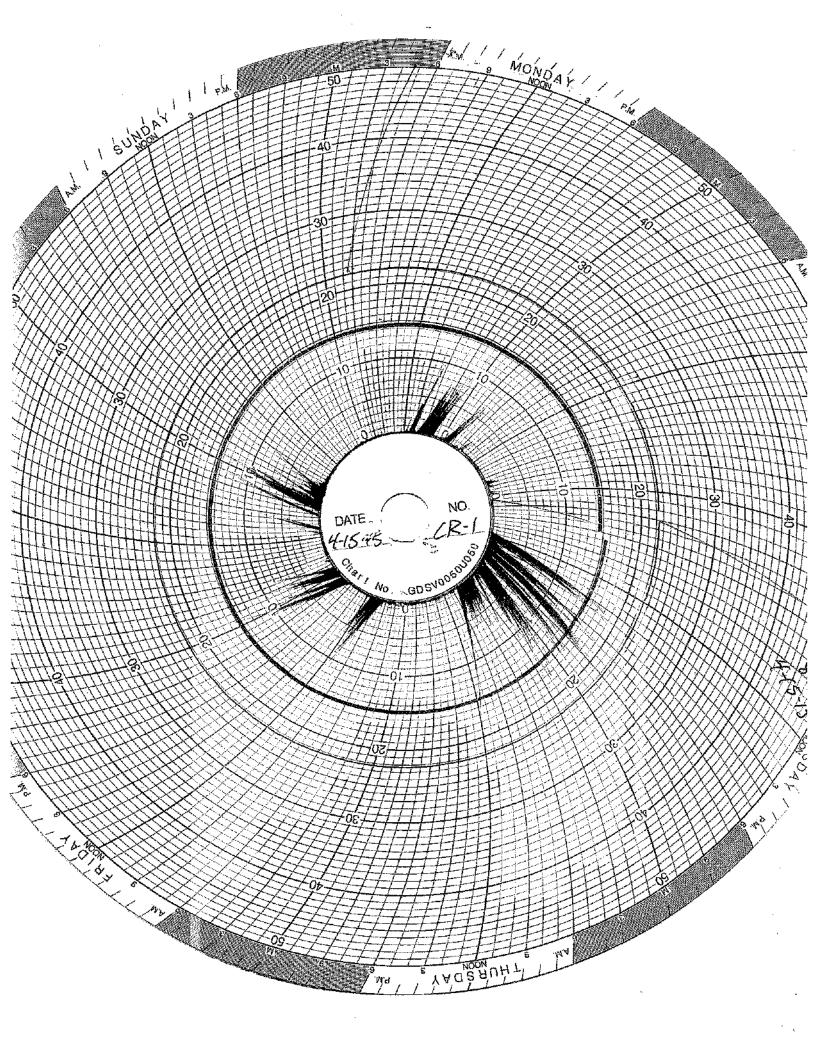
Green Pen - Well 2 Monthly Volume

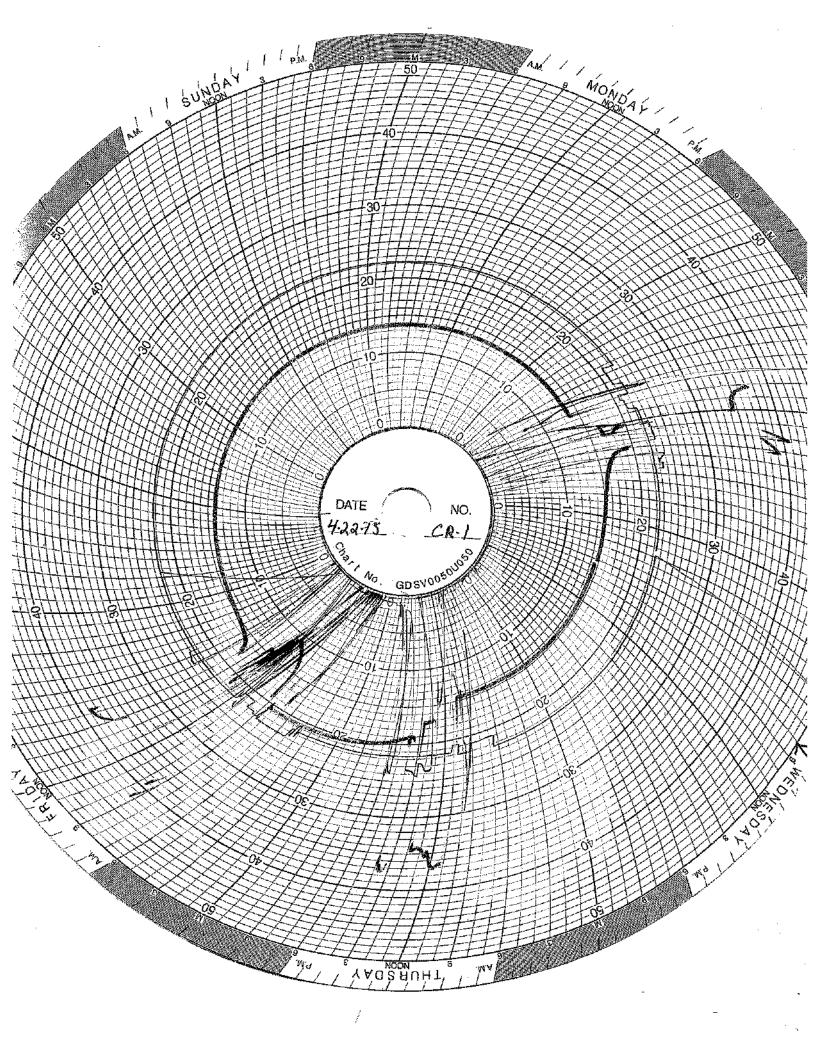
Channel #4

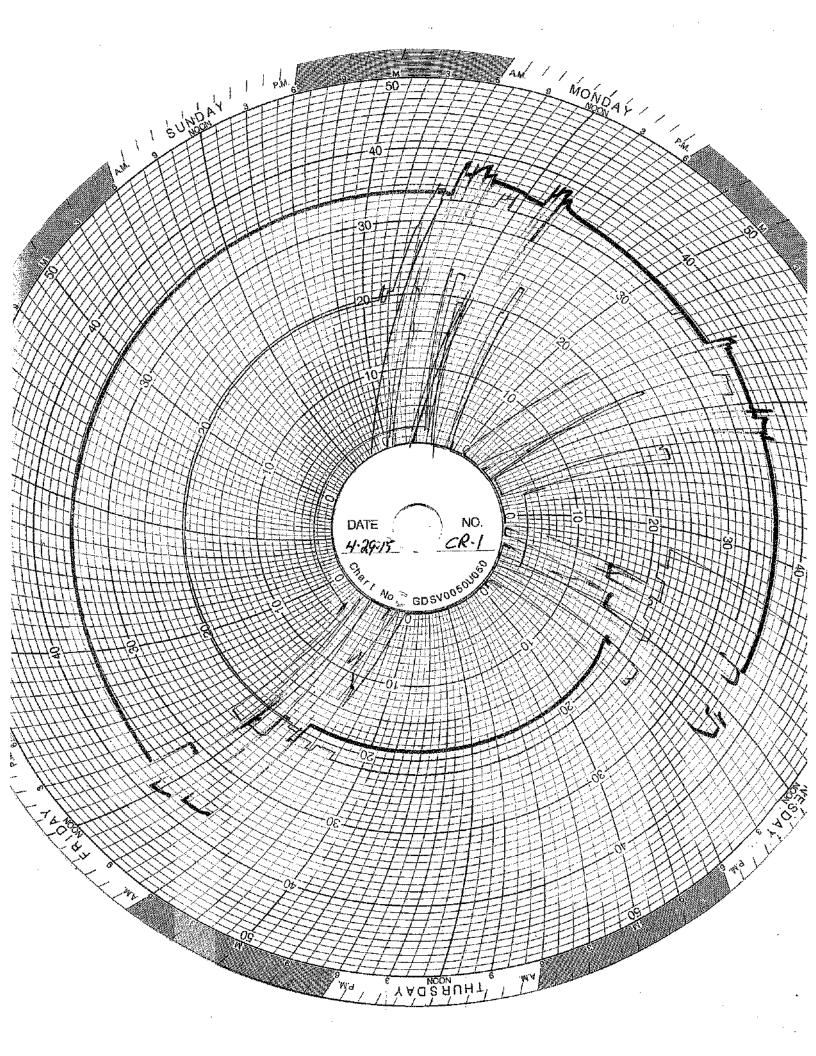
Black Pen - Temperature

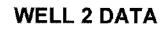






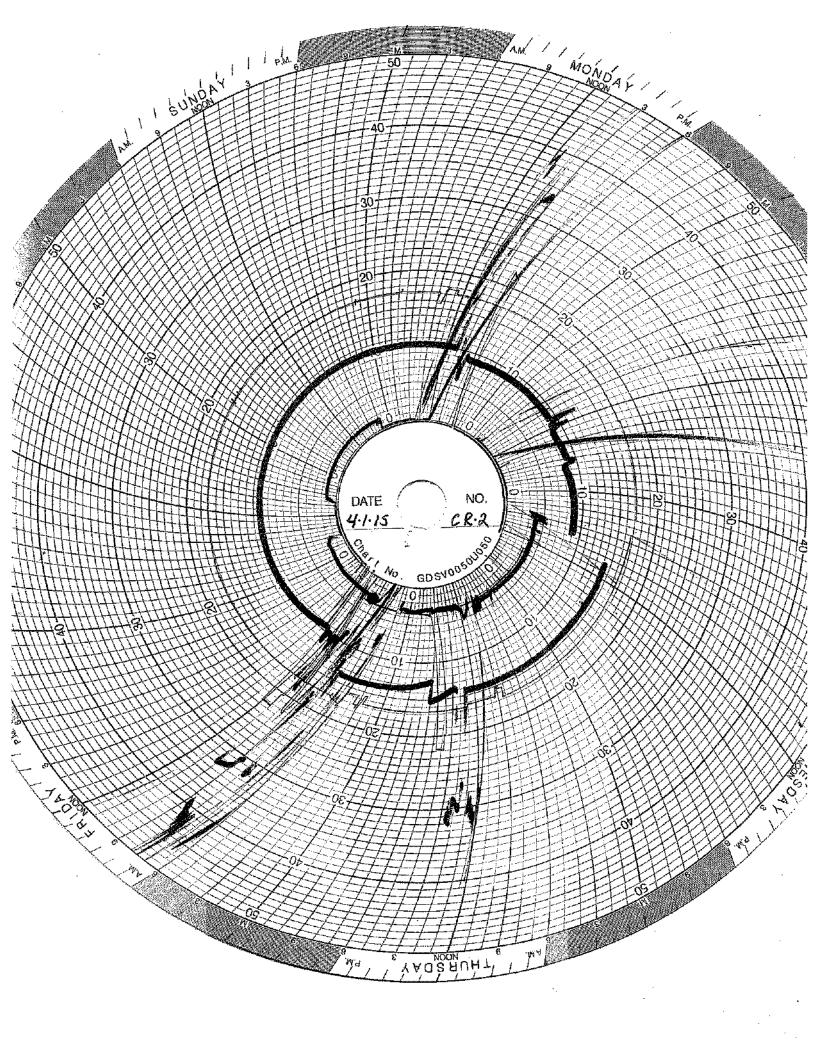


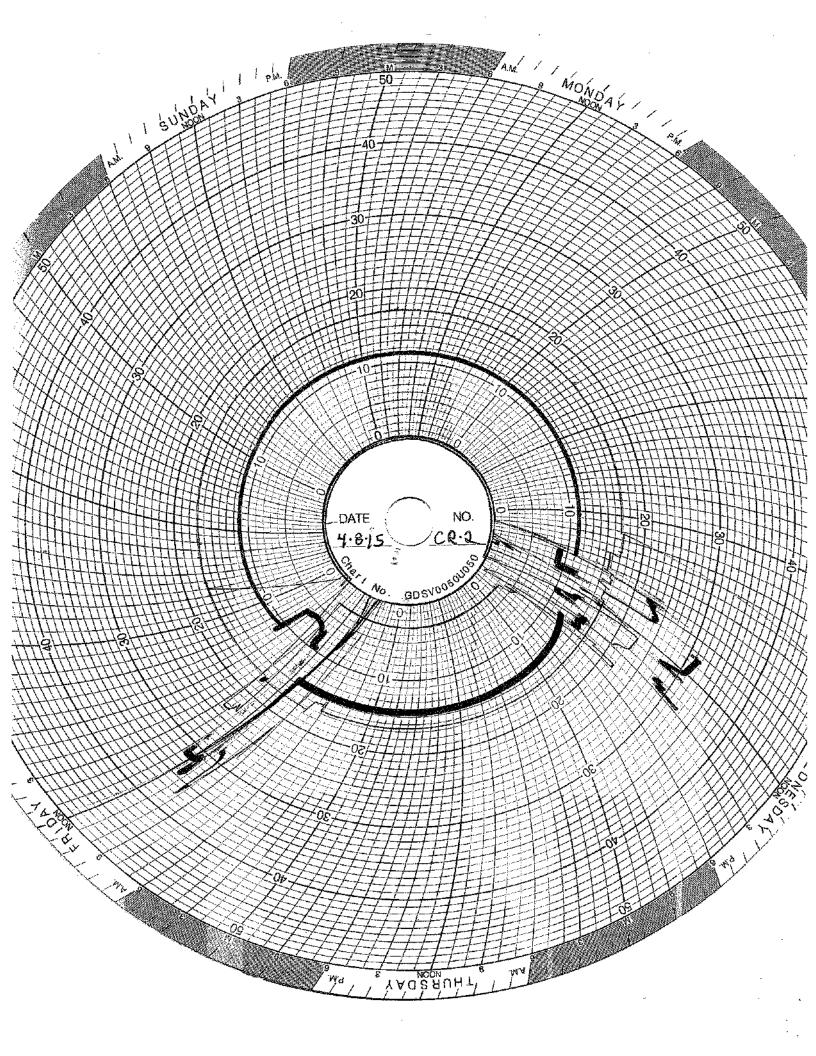


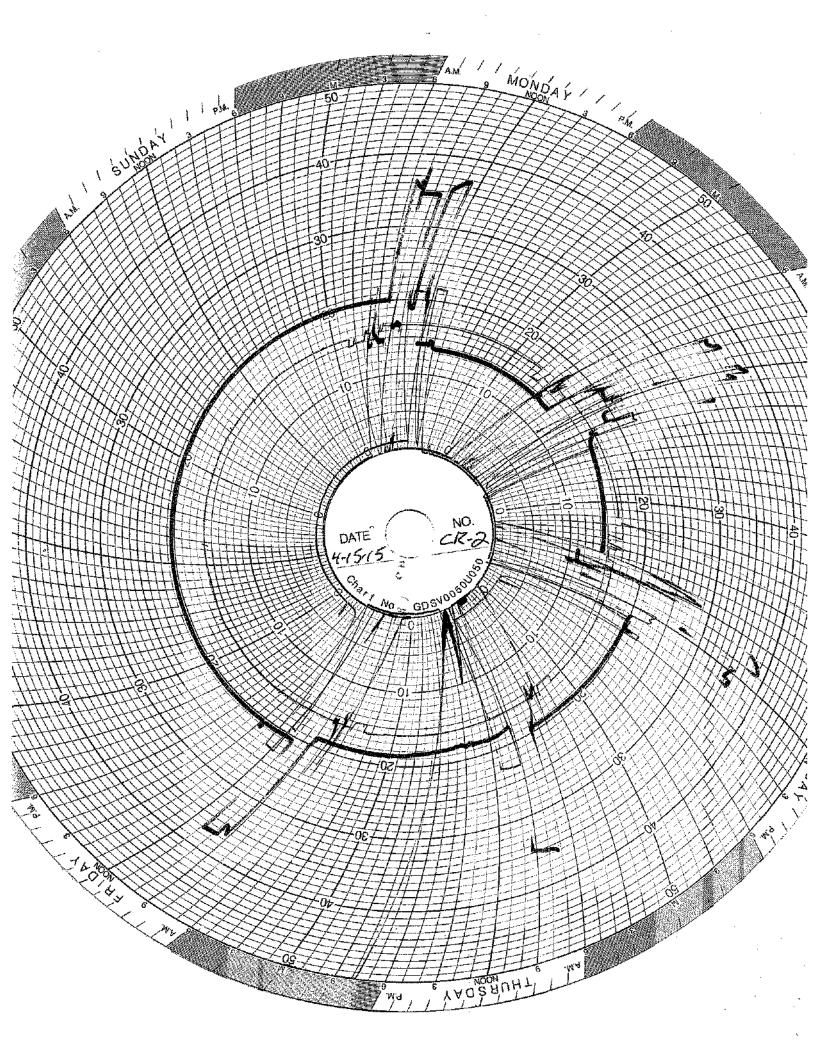


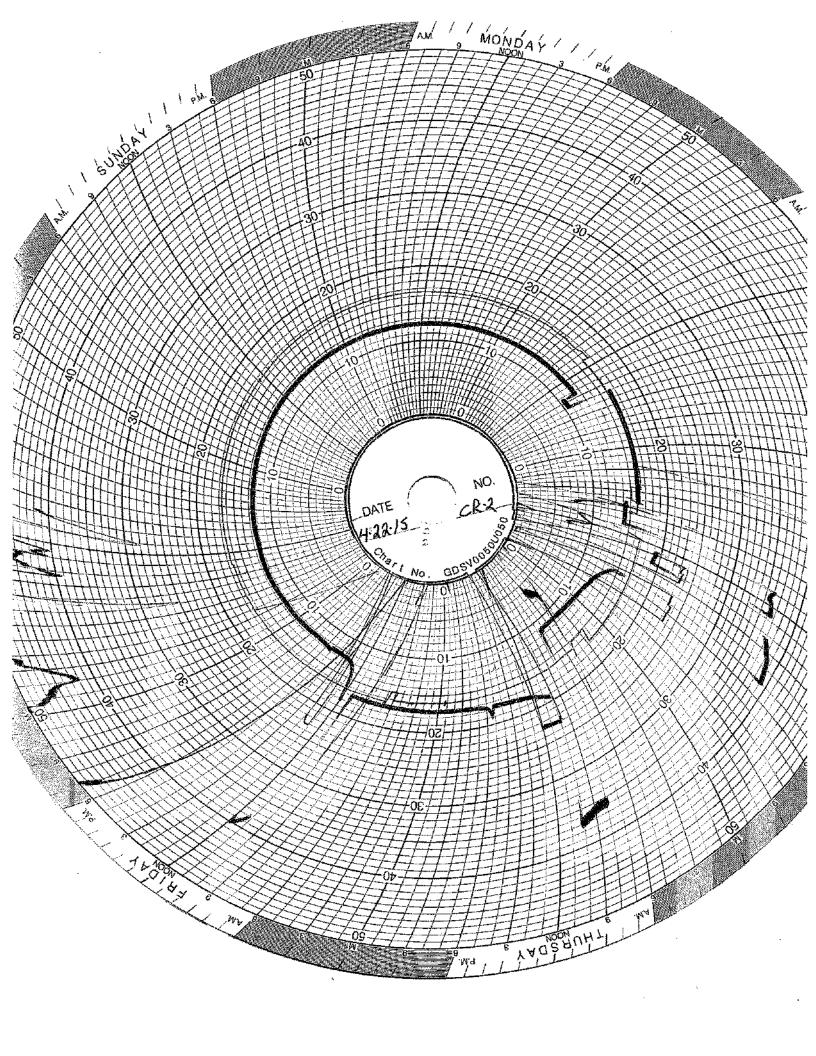
Well 02 Monthly Data

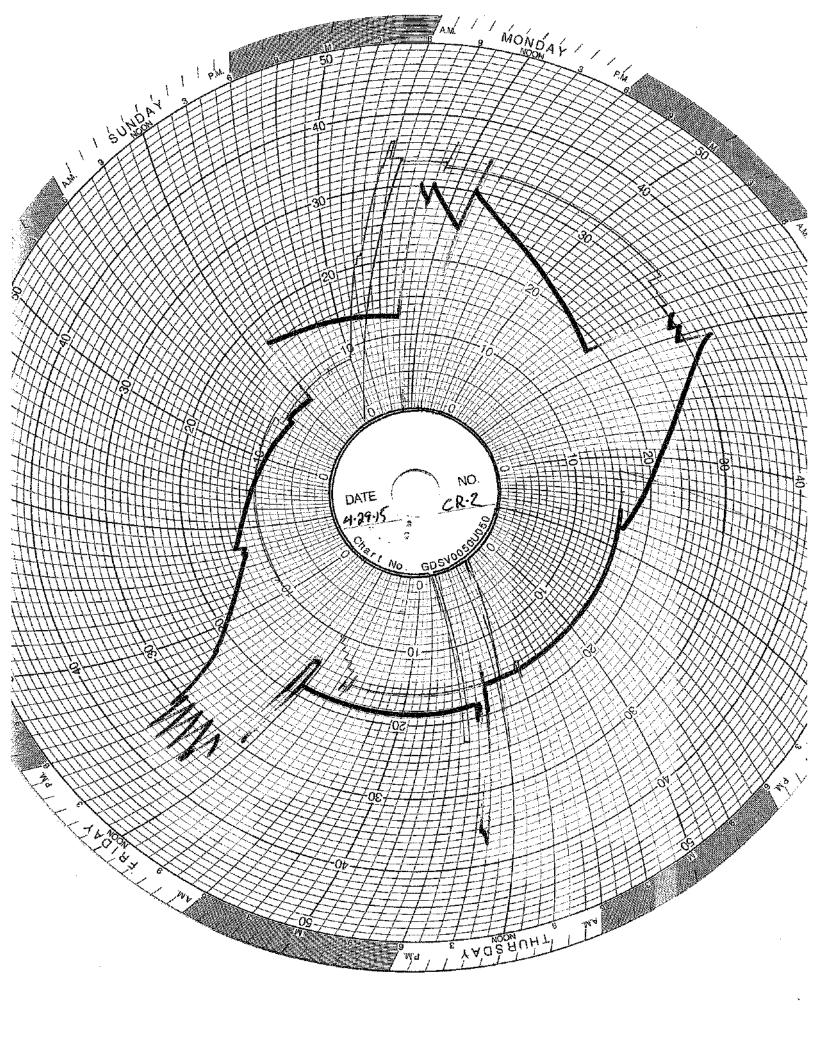
Date	Min	Max	Min	Max	Min	Max	Min	Max	Mir	Max	Min	× 0.50
	Injection	Injection	nt Glass	t Glass	Annulus	alus	Injectate	tate		Flow	Differentail	
	Pressure	Pressure		Levei	Pressure	Pressure	` 품	· 王		Rate	Pressure	Pressure
:	≗	(PSIG)	(in)		(PSIG)	(PSIG)			(GPIM)	(GPM)	(PSIG)	(PSIG)
4/1/2015		115.4	16.4	17.2	413.1	436.5	6.4	11.9	0.0	0.0	297.8	323.1
4/2/2015		671.0	15.2	16.9	353.1	973.3	3.6	16.6	0.0	98.0	173.4	369.8
4/3/2015	Ċ	686.9	15.6	18.3	261.6	991.1	0.7	7.4	0.0	85.0	181.3	401.0
4/4/2015		-3.4	16.8	17.6	301.9	304.3	1,4	1.8	0.0	0.0	305.3	308.2
4/5/2015		-3.8	16.7	17.5	303.3	305.3	1.8	2.0	0.0	0.0	307.3	309.2
4/6/2015	-10.0	675.3	15.7	17.9	189.9	1013.6	1.6	4.1	0.0	86.5	196.9	363.5
4/7/2015		58.4	17.1	17.3	255.7	372.9	-1.2	3.6	0.0	0.0	265.7	344.7
4/8/2015		703.1	15.1	17.3	267.6	9.776	0.2	4.4	0.0	93.0	194.9	378.6
4/9/2015		106.0	16.8	16.9	423.5	440.1	2.3	2.5	0.0	0.0	317.6	337.5
4/10/2015		722.0	15.5	17.9	201.7	1035.9	9.0	6.8	0.0	115.0	121.3	374.8
4/11/2015		-1.3	16.5	17.3	331.0	339.7	5.2	6.5	0.0	0.0	332.7	341.3
4/12/2015		-1.3	16.5	17.3	338.6	340.5	6.0	6.4	0.0	0.0	340.2	342.0
4/13/2015	-1.6	-0.7	16.7	17.4	339.1	342.3	6.0	6.1	0.0	0.0	340.5	343.1
4/14/2015		-0.5	16.6	17.5	339.8	343.0	0.4	2.4	0.0	0.0	341.2	343.6
4/15/2015		714.0	15.1	17.8	340.1	1181.4	6.0	4.7	0.0	95.0	289.0	610.1
4/16/2015	Ĺ	706.5	15.1	16.7	541.9	1089.1	2.9	9.4	0.0	80.0	300.2	602.2
4/17/2015		702.8	15.0	16.6	563.5	1116.3	2.6	5.4	0.0	75.0	281.1	602.7
4/18/2015	42.1	43.8	15.4	16.4	610.1	618.2	5.1	5.4	0.0	0.0	567.9	574.5
4/19/2015		42.3	15.5	16.3	604.6	610.8	4.9	5.1	0.0	0.0	562.7	568.6
4/20/2015	-9.1	6:099	14.8	17.1	406.7	1151.0	4.1	7.8	0.0	70.0	271.4	612.2
4/21/2015		686.3	14.9	17.6	401.8	1170.0	4.1	9.1	0.0	74.0	281.9	608.7
4/22/2015		721.6	15.0	17.5	355.2	1184.6	4.9	9.4	0.0	80.0	279.0	603.0
4/23/2015		711.6	15.2	17.2	341.5	1144.3	4.6	7.2	0.0	67.2	332.0	598.6
4/24/2015	-10.0	705.1	14.9	17.1	377.5	1201.7	4.6	9.0	0.0	97.0	267.0	637.1
4/25/2015	-10.0	-10.0	16.4	16.6	374.5	378.5	5.3	5.3	0.0	0.0	384.5	388.5
4/26/2015	-10.0	-10.0	16.2	17.0	372.9	375.1	5.3	5.4	0.0	0.0	382.9	385.1
4/27/2015	~10.0	-10.0	16.5	16.6	371.4	373.6	5.3	5.6	0.0	0.0	381.4	383.5
4/28/2015	-10.0	-10.0	15.7	17.1	292.9	498.2	5 .4	8.5	0.0	0.0	302.9	508.2
4/29/2015		-10.0	15.7	16.6	487.4	490.4	9.3	8.3	0.0	0.0	497.4	500.3
4/30/2015	-10.0	705.4	15.0	17.3	375.8	1123.8	6.0	7.5	0.0	76.0	148.5	6,009
#VALUE!												

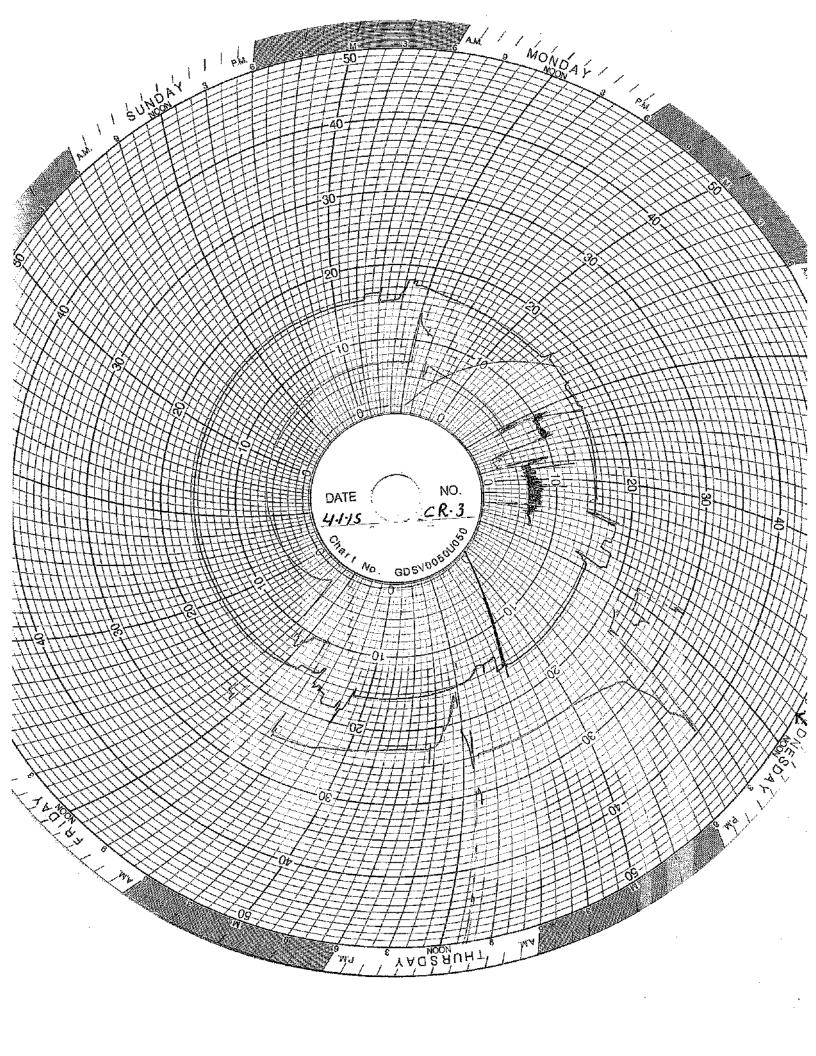


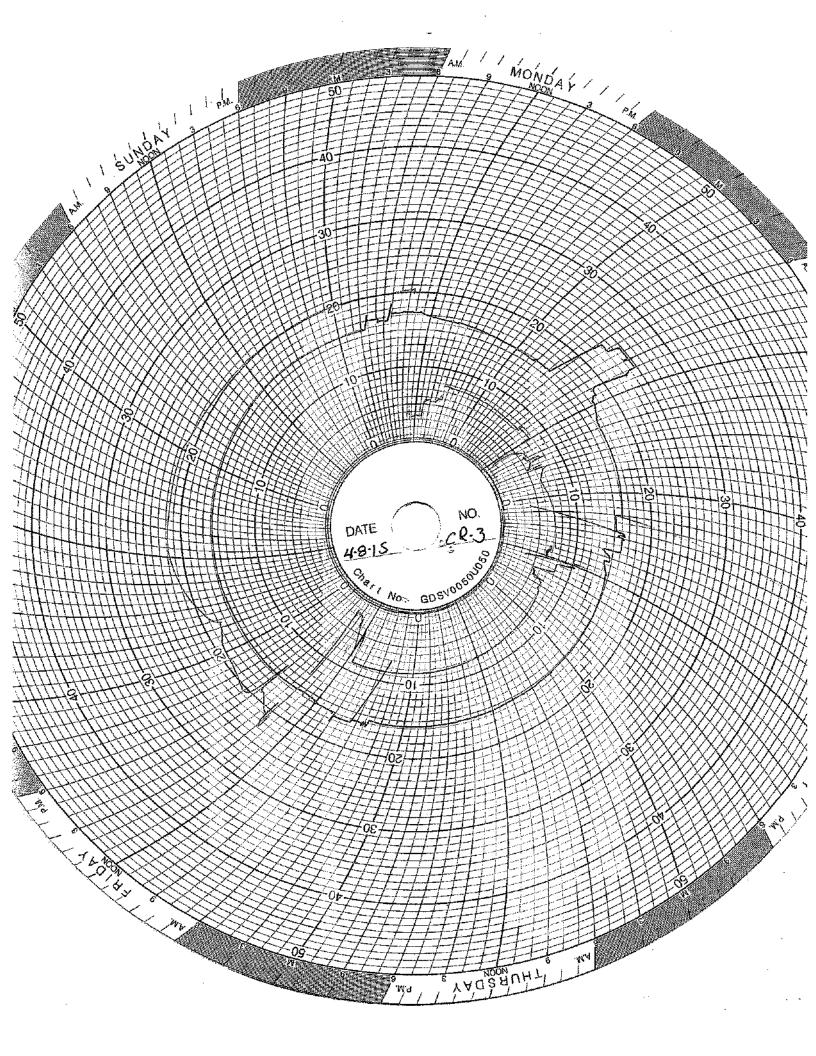


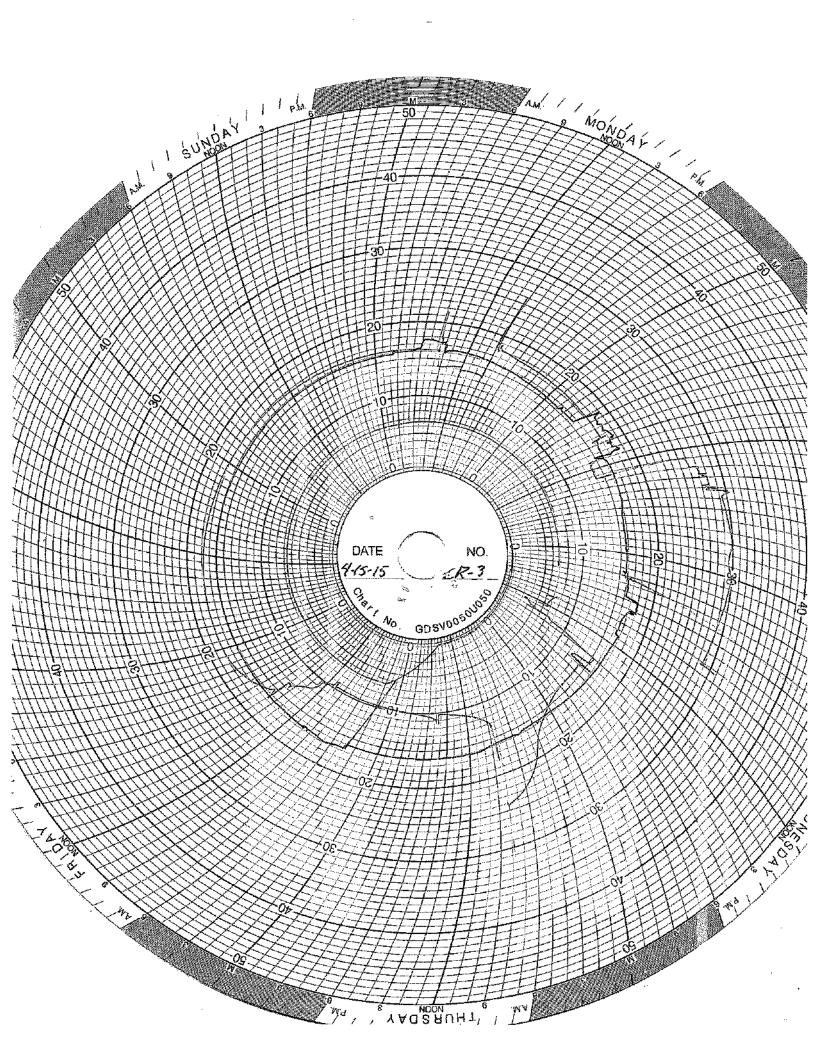


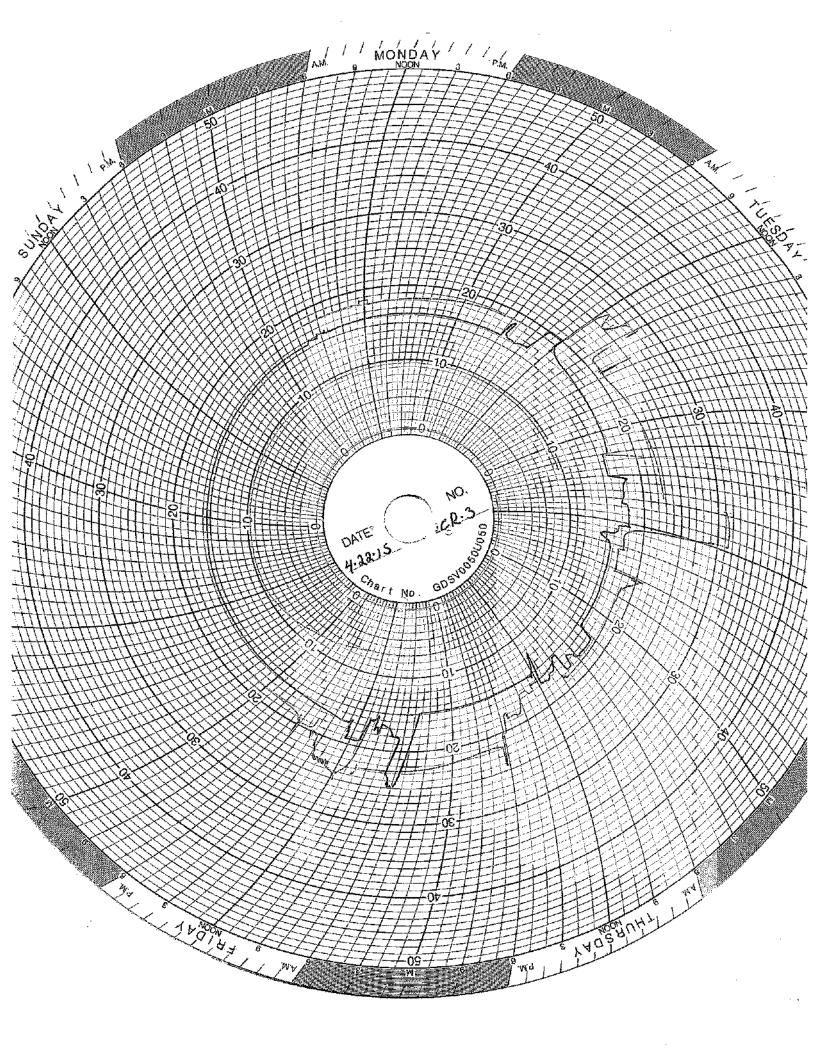


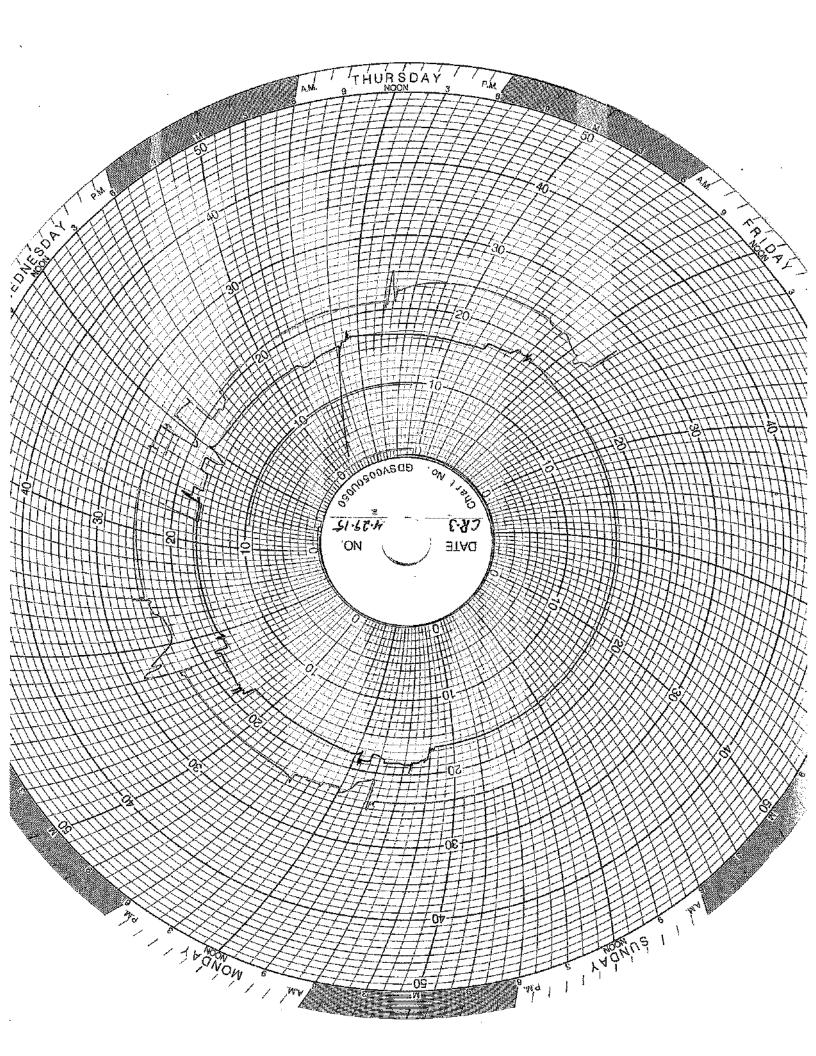














UIC Monthly Maintenance Log

in the injection pH probe and calibrated the instr	
Installed a new saft bridge on the	
ph probe	
4/2/2015	

				·	
					,
·					
	CORROSI	ON MONIT	ORING		
•					

CORROSION MONITORING PLAN COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	
	(C267)	(316L)	(Redbox)	
12/19/2013	13.330 g	10.848 g	7.309 g	Initial Mass @ start up
2/21/2014	13.329 g	10.846 g	7.306 g	***************************************
3/10/2014	13.327 g	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	
5/30/2014	13.328 g	10.818 g	7.226 g	
6/30/2014	13.321 g	10.337 g	7.196 g	
7/11/2014	13.323 g	10.304 g	7.196 g	
8/12/2014	13.328 g	10.045 g	7.182 g	
9/17/2014	13.321 g	9.997 g	7.090 g	·
10/30/2014	13.321 g	9.387 g	7.075 g	
11/21/2014	13.320 g	9.386 g	7.069 g	
12/19/2014	13.321 g	9.315 g	7.084 g	
1/12/2015	13.321 g	9.289 g	7.063 g	
2/23/2015	13.339 g	9.286 g	7.005 g	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	

CORROSION MONITORING COUPONS VISUAL DESCRIPTION

April 27, 2015

Fiberglass Coupon

This 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 and blemishes.

Hastelloy Coupon

This coupon is identified as C276 with Serial Number 5. This coupon replaces the original that was mangled in the pump and filter down line after breaking off of it mounted location sometime in February. The coupon is silver in color with a lightly sandblasted texture. It is clean and free of pits, cracks and blemishes.

Stainless Steel Coupon

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

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was ideatified 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 stendard 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.

CHESQUIERE PARTIC TESTING, INC.

M. W. Ghesquiere

President

MWG/kni

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TOTAL 1 PAGES

20450 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (318) 885-3535 . FAX (813) 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

MORK REQUESTED:

Perform Barcol Wardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

新感性 (1985年) 1997年 (1997年) 1998年 (1998年) 1998年 (1998年) 1998年 (1998年) 1998年 (1998年) 1998年 (1998年) Test specimen was prepared as necessary and conditioned for a minimum of 24 hours at standard laboratory conditions prior to testing.

Barcol Mardness 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

Specimen 1 90

with the second to the second of the second Specimen was returned to the client on February 17, the second secon

THE PROPERTY OF THE PARTY.

1.17 P. 1822年 1.18 李金峰繁美版 电电路 化特殊 1.3 P. \$1.5 P.

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W. Chesquiere

President

MVG/dm

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TOTAL 1 PAGES

GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

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 Wartin

Sf. Project Technician

Approved-B

Jim Drummond

Physical & Plastics Testing, Manager

A Tosting Lab

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

ISO 9001:2008

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Testing. Development. Problem Solving.

October 2, 2014

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PN118325

SUBJECT:

Barcol Hardness on one material.

PO# Attn: John Frost

RECEIVED:

One small section identified as; Fiberglass Coupon.

BARCOL HARDNESS ASTM D 2583-13a

Results

Barcol Hardness, Instant

97

Prepared By

Welisse Wartin

Sr. Project Technician

Approved By:

Scott W Yates

Plastics Testing Assistant Manager

INJECTION FINGERPRINTS

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

R	ECE	IVING	&.	AP	PRC	∕∆	Ĺ	FO	R	M	1

RECEINING INFORMATIONS	dean of the	a Paragram
Date	04.0	11-15
Receiving ID#	I ONO	1.501
Manifest# Line:		
Land Ban Cert included	Yes	No _
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	•
Sampled by	WA	4



LABINE ORMATION 13 All Wase Shinipage			Onne d'Entas Ombre	
Compatible? (RT#)	Y€s√	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	}
TOC (ppm)(CC VVaste Only)?	<u> </u>		Total Iron	
Flash Point (°F)		40	Magnesium	
pH (S.U.)		-	Sodium Chloride	
Cyanides? (mg/L)		,	Bicarbonate	
Suifides? (ppm)			Carbonate	
Specific Gravity	,,	5.	TDS	6.77
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	-
Oil in Sample	Yes	. No		
Temperature	67)		
Conductivity	133.	8.5		
% Solids	6	7		
Turbiditý	Yes	, No		
Color (visual)		-		
TSS (%)	60,	1		
Radiation Screen (as needed)				
Lab Signature			X III	

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPRO	VAL FOR	2M
RECEIVING INFORMATION		
Date	4-1	
Receiving ID#	I 041	11502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		-
Received by		
Sampled by	1914	p_



Danipios D	1 1 1 2		!	•
LABINFORMATION C. AIIWasie/Shipmans			Official Brings Only	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste	The second second			
Only)?		······	Calcium	
TOC (ppm)(CC Waste Only)?		······································	Total Iron	
Flash Point (°F)	> 148		Magnesium	·
pH (S.U.)	0.5		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)	·		Carbonate	
Specific Gravity	1.26		TDS	7,9/
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	,
Oil in Sample	Yes	No		
Temperature	<u>68°7</u>	yan-	_	
Conductivity	141.8	<i>سع</i>		
% Solids	7.0		,	
Turbidity	Yes	No		
Color (visual)				
TSS (%)	€0.)		. 1	
Radiation Screen (as needed)	**		IN I	
Lab Signature			1/1/	
	R CO	1-01 — Pag	3¢1	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECENTATIONS			
Date	4-3-15 I 04031501		
Receiving ID#	Ioya	31501	
Manifest# Line:			
Land Ban Cert included	Yes	No	
EGT Approval #			
Generator			
Client	. "		
Transporter			
Timě in			
Time out			
Received by	.لي	H	
Sampled by	لرزي	+	



LAB INFORMATIONS CO.			ius OmeloEnnes Cabre	
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 2.4	>	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)	-		Carbonate	
Specific Gravity	1.160	,	TDS	5.77
Physical Description			Resistivity	
Stream Consistency	Yes	. No	Sulfate	
Oil in Sample	Yes	· No		
Temperature	(060			
Conductivity	114.0,	<u>~ S</u>		
% Solids	5.7			
Turbidity	Yes	No		
Color (visual)	-			
TSS (%)	L C O.	1		
Radiation Screen (as needed)				
Lab Signature			19 W	and the second s

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEKINGINECRMATION		
Date	4-3	-15
Receiving ID#	4-3 Lo403	1503
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator	-	
Client		
Transporter		•
Time in		
Time out		
Received by	J.H.	
Sampled by	1 QL	4



LAB INECRNATION				
All Wisk is him ents to			Caffeld Edities Only	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	<u>'</u>		Total Iron	
Flash Point (°F)	>	146	Magnesium	•
pH (S.U.)	0.2	.	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity		7.	TDS	9.47.
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	54	o °F		
Conductivity	187	/3 ms		
% Solids	9,	4	,	
Turbidity	Yes	No		
Color (visual)				<u> </u>
TSS (%)	<	0.1	A	x
Radiation Screen (as needed)				\
I ala Cirmatura	-		11/2/11	12
Lab Signature		-	43(), 1 A	<i>#</i>

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

a glorest on the state of the s	To the beautiful and the second	u k a
RECEIVING MECHANION		
Date	4.6	-15
Receiving ID#	I0404	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	اً المسمور	1J.H.
Sampled by		4



JAB INFORMATION				77.099
Allev/aste/Shipmonstate			FORMAL SAMES ONLY	
Compatible? (RT#)	(Yes)	No	Barium	-
PCBs (ppm)(Oily Waste	Contract State of the			
Only)?		· · · · · · · · · · · · · · · · · · ·	Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH (S.U.)	40.		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.20	0	TDS	9.17.
Physical Description	·		Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	· No	,	
Temperature	61°F			
Conductivity	182.	3 -,5		
% Solids	9.1			
Turbidity	Yes	No		
Color (visual)		٠.		
TSS (%)	(O.)		A	
Radiation Screen (as needed)				
Lab Signature			May 2	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATIONS	
Date	4-6-15
Receiving ID#	J04061502
Manifest# Line:	•
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	JA IN
Sampled by	MACH



LABUNEORWALION		aje je		and the second s
All waste Shipriteris.			C Incid Bunes Only	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?		······································	Calcium	
TOC (ppm)(CC Waste Only)?	<u> </u>	A.41.A.M.	Total Iron	
Flash Point (°F)) 140		Magnesium	
pH (S.U.)	0.8		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.17	ĵ	TDS '	7.27
Physical Description			Resistivity	,
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	· No		
Temperature	67	F		
Conductivity	144.0	<u>~ 5</u>	-	
% Solids	7.2			
Turbidity	Yes	No		
Color (visual)	,			
TSS (%)	< 0.			
Radiation Screen (as needed)			10111	
		7	1/2/1/21	
Lab Signature			AD INV	

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING	Sz	APPROVAL	FORM

RECEIVING MEORMATION S		
Date	4-7.	.15
Receiving ID#	Zoyo	11501
Manifest# Line:	, ' " " "	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.,	4.
Sampled by	W	人人



LABINECRNATURAL			dos to	
All waste Shipments			Cincid Brincs Only	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?	<u> </u>		Calcium	
TOC (ppm)(CC Waste Only)?	-		Total Iron	
Flash Point (°F)	> 14	0	Magnesium	
pH (S.U.)	10		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	É
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.15	,)	TDS '	32.27
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	,
Oil in Sample	Yes	No		
Temperature	61	°)=		
Conductivity	> 400	_ کہری_		
% Solids	32.	2	•	
Turbidity	Yes	No		·
Color (visual)				
TSS (%)	∠0.7			
Radiation Screen (as needed)	/	\sim	<u> </u>	•
Lab Signature		Jad	10/2	

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

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ECCEPTION OF MATION	
Date	4-8-15
Receiving ID#	I gualióa i
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	(V)



LABINECREATION DE LA AIRCASIOSTIMONE ITS			one de Ennes Only A	E sent
Compatible? (RT#)	(Ves)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	-		Total Iron	
Flash Point (°F)) l	70	Magnesium	
pH (S.U.)			Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.14		TDS	15,69
Physical Description	1		Resistivity	-
Stream Consistency	Yes	· No	Sulfate	1
Oil in Sample	Yes	. No		
Temperature	101	0		
Conductivity	313	-1m5		
% Solids	1.5.	6		
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0	.)		
Radiation Screen (as needed)	· · · · · · · · · · · · · · · · · · ·			
Lab Signature				

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

TO A STATE OF THE RESERVE OF THE RES		<i>#</i> 16.1
RECEIVING NEGRINATIONS		
Date	4-10	3-15
Receiving ID#	I our	3 · 15 215 01
Manifest# Line:	,	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		J.H.
Sampled by		*



LAGINEGERATION CONTROL TO			A control of the cont	
Compatible? (RT#)			SCHREIGER INER Ø IVER 14 12 12 12 12 12 12 12 12 12 12 12 12 12	
PCBs (ppm)(Oily Waste	(Yes)	No	Barium	
Only)?	1 .		Calcium	
TOC (ppm)(CC Waste Only)?	•		Total Iron	<u></u>
Flash Point (°F)	> 140		Magnesium	·····
pH (S.U.)	04		Sodium Chloride	
Cyanides? (mg/L)		·····	Bicarbonate	
Sulfides? (ppm)	4		Carbonate	
Specific Gravity	1.22		TDS 7. 2	7
Physical Description	·	<u></u>	Resistivity	*************************************
Stream Consistency	Yes	No	Sulfate	······································
Oil in Sample	Yes	No		
Temperature	61		·	
Conductivity	145.0	~ 5		
% Solids	7.2			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	< 0.1			
Radiation Screen (as needed)	A	/		***
Lab Signature		8		
. · · · · ·	REC04	01 – Pag	e 1	

PECSIANGINEORWATIONS		
Date	4-13	3-/5
Receiving ID#	104/31	501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generatoг		
Client		
Transporter		
Time in		
Time out		
Received by		J.H-
Sampled by		4



TEARINE OR PARTON HONE AND VALUE SHIPMENTS			Oliffatanes Cul	
Compatible? (RT#)	Yes\	No	Barium	
PCBs (ppm)(Olly Waste				
Only)?	ļ		Calcium	
TOC (ppm)(CC Waste Only)?		·	Total Iron	
Flash Point (°F)	<u> </u>	10	Magnesium	
pH (S.U.)	1.2		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.12	-	TDS	6.32
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	· No		
Temperature	640	4		
Conductivity	125.	159		
% Solids	6.3		<u>'</u>	-
Turbidity	Yes	No	·	
Color (visual)				
TSS (%)	(0.	.)		
Radiation Screen (as needed)				
Lab Signature		<u> </u>		
	REC	94-01 - Pa	ge 11/2"	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

	20 2 1 25 4 20 h /20 h /
- RECEIVANE INFORMATION	
Date	4/14/15
Receiving ID#	204141501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	34.11
Sampled by	D/A



LABINEORWATION		Omelo Saras Only e	
Compatible? (RT#)	CYSS No	Barium	
PCBs (ppm)(Oily Waste			
Only)?		Calcium	
TOC (ppm)(CC Waste Only)?		Total Iron	
Flash Point (°F)) 140	Magnesium	
pH (S.U.)	(0.)	Sodium Chloride	
Cyanides? (mg/L)		Blcarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.21	TDS	38.07
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	,
Oil in Sample	Yes No	·	
Temperature	81°F		
Conductivity	> 400.0m5		
% Solids	138,0	·	
Turbidity	Yes No		
Color (visual)			***************************************
TSS (%)	(O.)		
Radiation Screen (as needed)	1		
Lab Signature		A 1/10	
	REC04-01 - Pag	ge 1 / V	•

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

FECEIMNIGHNEORWALLONS		
Date	4-1	4-15
Receiving ID#	Louge	11802
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		,
Received by		J.H.
Sampled by		*



TABINEORVATION All West Companies			Čillield Bilnes Cally	The second secon
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	(.)	6	TDS	7.3 %
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature		a 15_		
Conductivity	ر بر	0.8 m5		
% Solids	7.7	}		
Turbidity	Yes	No		
Color (visuai)		,		·
TSS (%)	ζ ζ	9.)	,	
Radiation Screen (as needed)	,	•	$\Lambda \wedge \Lambda$	
Lab Signature			100	1

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

FECENINGMEORWATION		in Leave
Date	04.	15-15
Receiving ID#	Louis	le sa i
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		745
Sampled by		/



(ABINEORIATION Allyvaste Shipperts			Cyfeld Egressyny	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				100
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	1.18		TDS	8.27
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	66	F		
Conductivity	164.3	3 m 5		
% Solids	8.2			
Turbidity	Yes	No		:
Color (visual)		•		
TSS (%)	(0.		. *	
Radiation Screen (as needed)		•		\
Lab Signature			108	D

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

		9 W U
ARECEIVING INFORMETION =		
Date	4-16	-15
Receiving ID#	104	10312
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	K/R	



LABANFORT AMON : ::::			Grigera: Brige es Oni y 9	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	[·		Total Iron	
Flash Point (°F)		140	Magnesium	
pH (S.U.)	10.7		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.10		TDS	8.42
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	· No	-	
Temperature	59			-
Conductivity	(<i>6</i> 7.3	m5		
% Solids	8,4			
Turbidity	Yes	No		
Color (visual)		-		-
TSS (%)	4	٥.)		
Radiation Screen (as needed)			$M \subset M$	
Lab Signature				

REC04-01 - Fage 1 /

PECENTRANCORMATIONS	
Date	4/17/15
Receiving ID#	I 04/7/50/
Manifest# Line:	,
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	-
Received by	J.H.,
Sampled by	DA



LABINEORIVATION			religion Empessionis	
Compatible? (RT#)	(Yes)	No	Bárium	
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	1.06		TDS '	4.52
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	63° F			
Conductivity	89.005			
% Solids	4.5			
Turbidity	Yes	No	•	
Color (visual)	-			
TSS (%)	(0.1			N. Comments
Radiation Screen (as needed)	•			
Lab Signature	-		1 8 5	Mr.

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

PECENNIQUENTEERINGTIC	
Date	4/20/13
Receiving ID#	I04201501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter .	
Time in	
Time out	
Received by	J.A.J.
Sampled by	9.2A-



		· · · · · · · · · · · · · · · · · · ·	 -	
EABUNIEGERGERONDER ST. ALLEN BIEGER BIEGER ST. ALLEN BIEGER				
Compatible? (RT#)	/Yes	No	Barlum	
PCBs (ppm)(Oily Waste			,	
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	<u> </u>	-	Total Iron	
Flash Point (°F)	1	40	Magnesium	
pH (S.U.)	10.	8	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)	.•	-	Carbonate	
Specific Gravity) <i>(</i> 20	TDS	5.6%
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	•
Oil in Sample	Yes	. No		
Temperature	(Co	O°F		
Conductivity	112.	1 m 5		
% Solids	5,	6		
Turbidity	Yes	No	'	
Color (visual)				
TSS (%)	4 6	3.]		
Radiation Screen (as needed)	-	Α.		
Lab Signature	-		& W	

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

REGELYINGINGWEWEJIONE		
Date	id/2	0115
Receiving ID#	1042	01501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		:
Generator		
Client		,
Transporter		,
Time in		
Time out		
Received by	JJA	# n .
Sampled by	8.7	-



		B		
LABINECRMATOR				
PARMYSSIE/SIDMIEMS 11 19 5 77	100			
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	·
TOC (ppm)(CC Waste Only)?	<u>'</u>	,	Total Iron	
Flash Point (°F)		40	Magnesium	
pH (S.U.)	10	8	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.6	06	TDS	5.67
Physical Description			Resistivity	
Stream Consistency	Yes	. No	Sulfate	
Oil in Sample	Yes	· No_		
Temperature	C = 6	0°f		
Conductivity	112.			
% Solids	<u>5.</u>	Lo		
Turbidity	Yes	No		
Color (visual)				
TSS (%)	< 4	2.)		
Radiation Screen (as needed)				· · · · · · · · · · · · · · · · · · ·
Lab Signature		,	1 De low	

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RECEIMING PROPERTY OF S		
Date	4-3	10-15 ·
Receiving ID#	IOHAA	1508
Manifest# Line:		-
Land Ban Cert included	Yes	No _
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out .		-
Received by	J.H.	.a
Sampled by	O de	-



LA BUNEON MARIONE AND		Proposition with the control of the		
Compatible? (RT#)	Yes \	No	Barium	
PCBs (ppm)(Olly Waste	N. S.			
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?		-	Total Iron	
Flash Point (°F)		140	Magnesium	-
pH (S.U.)		<u>, 7 </u>	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.0	9	TDS	6.37
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	. No		
Temperature	6	6°F		
Conductivity	125	2~5		·
% Solids	Con	3	,	
Turbidity	Yes	No		
Color (visual)	-			
TSS (%)	<	0.1		
Radiation Screen (as needed)				
Lab Signature		-	1000)

PSCEMINCHLEORNSTACKS	
Date	4121/15
Receiving ID#	I0421150
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J. 1.
Sampled by	1 A/P



				·
LABING RWATEN AND THE AUTOMOTER STATEMENT OF THE			Culhek (Ballo & Cull)	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?		•	Total Iron	
Flash Point (°F)		40	Magnesium	,
pH (S.U.)	<u> 10,8</u>	-	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)	·		Carbonate	
Specific Gravity	1,0	<u> </u>	TDS '	5.37
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	•
Oil in Sample	Yes	No No		
Temperature	6	5F		
Conductivity	1043	~5		
% Solids	5.3			
Turbidity	Yes	No	,	
Color (visual)	-	,		
TSS (%)	201			
Radiation Screen (as needed)		p	\triangle	
Lab Signature		THE PROPERTY OF THE PROPERTY O	8 1/dt	
	REC	.04-01 Pa	ge 1	

RECEIVANC NEORWATION =	
Date	4/2415
Receiving ID#	IN42115.02
Manifest# Line:	, 0 , 0
Land Ban Cert included	Yes No
EGT Approval #	
Generator	,
Client	
Transporter	
Time in	
Time out	
Received by	a.H. "
Sampled by	D/M



LABINITORI ŽUONI. — 23.2 Alivitare supplents 2 (2).			Onas le Prime com S	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Olly Waste			,	
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	·		Total Iron	
Flash Point (°F)) 140		Magnesium	
pH (S.U.)	4.3		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.18		TDS	J.87
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	67°F			
Conductivity	75.3m	5		
% Solids	12,8			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	9.0			
Radiation Screen (as needed)		À.		
Lab Signature			,8 WR	

REC04/01 - page 1

PEGELVINGINGORWATION		
Date	4 - 6	21-15
Receiving ID#	INVOI	1501
Manifest# Line:		-
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	f:	9
Sampled by		,



		i san da san		
HABINFORMATION TANKY ASPESSIONERS				
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste			,	
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	-	<u></u>	Total Iron	
Flash Point (°F)		40	Magnesium	
pH (S.U.)	1.6		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)	· · · · · · · · · · · · · · · · · · ·		Carbonate	
Specific Gravity	1.07	7	TDS	4.2 2
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	•
Oil in Sample	Yes	No		
Temperature	639). ,		
Conductivity	84.4 N	n 5		
% Solids	4.2	_		
Turbidity	Yes	No		
Color (visual)		,		
TSS (%)	< 0.1			
Radiation Screen (as needed)		M	1 1	
	,			
Lab Signature		$\dashv \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	3 8 - WAY	
	RECO)4-01 - Pag	ge 1	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

	A A STATE OF THE PARTY OF THE P	y 兰·特·斯·西克斯(B) (B) (B) (B) (B) (B) (B) (B) (B) (B)
RECEIVING & APPROV	/AL FOR	SM .
EECEMAGNEOPRETIONS		
Date		22-15
Receiving ID#	TOUA	
Manifest# Line:	4 8 10 10	
Land Ban Cert included	Yes	No
EGT Approval #		1,10
Generator		
Client		
Transporter		
Time in		
Time out	_	
Received by	5.4	1
Sampled by		



	1 2/			
LABUTORVALION LASTO ANY SSICKED TOWNS			in the state of th	194 1941 - 1942 - 1943
Compatible? (RT#)	Yes)	No	Barium	
PCBs (ppm)(Oily Waste			NO TOTAL	
Only)?	1		Calcium	
TOC (ppm)(CC Waste Only)?		,	Total Iron	
Flash Point (°F)	7	40	Magnesium	
pH (S.U.)	1.2			
Cyanides? (mg/L)			Sodium Chloride	
Sulfides? (ppm)		······································	Bicarbonate	
Specific Gravity	1.13		Carbonate	
Physical Description	1.13		TDS	6.6
		<u> </u>	Resistivity	
Stream Consistency	Yes	<u>No</u>	Sulfate	
Oil in Sample	Yes	· No		
Temperature	95			
Conductivity	131,8	~5		
% Solids	8.6			
Turbidity	Yes	No		
Color (visual)		140		
TSS (%)	2 7		<u> </u>	<u> </u>
Radiation Screen (as needed)			<u> </u>	
Lab Signature		(P)	KAR	
	RECO	1-01 - Pag	re 1	

RECEIVEGENEORMEHONE	
Date	4/23//5
Receiving ID#	104231501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	S.H.
Sampled by	



LASINGORIATION TO ALL MANAGEMENTS			Total Carriedo Brace Sacial Zas	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?		<u></u>	Total Iron	
Flash Point (°F)	140		Magnesium	
pH (S.U.)	09		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.14		TDS '	7.09
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No	-	
Temperature	640			
Conductivity	139.2	~ 5		
% Solids	7.6			
Turbidity	Yes	No	•	
Color (visual)				
.TSS (%)	0. V	. 1		
Radiation Screen (as needed)			1. ()	
Lab Signature	,		11-8/110	
	· -			

ASECENTIACENE OF METRON		
Date	4/23	3/15
Receiving ID#	1042	31502
Manifest# Line:	,	
Land Ban Cert included	Yes	No
EGT Approval #		· · · · · · · · · · · · · · · · · · ·
Generator		
Client		,
Transporter		
Time in		
Time out		
Received by	J.料。	R
Sampled by	LEA	*



LABUNEORE ARGINERA Applyasies representation			one of the second	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?	<u> </u>		Calcium	
TOC (ppm)(CC Waste Only)?	ļ.		Total Iron	
Flash Point (°F)	>	<u> 140 </u>	Magnesium	
pH (S.U.)	1.4		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.08		TDS	4.57
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	· No		
Temperature	60°		,	
Conductivity	90.2	-m5		
% Solids	4.7		· ·	
Turbidity	Yes	·No	•	
Color (visual)		-		
.TSS (%)	0,2		N	
Radiation Screen (as needed)				
Lab Signature		8		

REC04-01 - Page 1

RECEIVING NEORNATIONS		
Date	4/24/15	
Receiving ID# .	IO4241501	
Manifest# Line:		
Land Ban Cert included	Yes No	
EGT Approval #	·	
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by		



CABINE ORKATION - SAL			Official Cones, Only 7	
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	1.25		TDS	38.37
Physical Description			Resistivity	_
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	73°F			
Conductivity	3981			
% Solids	36.3		·	
Turbidity	Yes	No	-	
Color (visual)	•	,		
.TSS (%)	۷ ٥.		Λ	
Radiation Screen (as needed)	-	^	0./11	
Lab Signature				

RECEIVANGINGONIATIÓN	
Date	4/24/15
Receiving ID#	I04241502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	c
Time in	
Time out	
Received by	3.7
Sampled by	NAA T



LABINEOPRAFION			
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste			
Only)?		Calcium	
TOC (ppm)(CC VVaste Only)?		Total Iron	
Fiash Point (°F)	<u> </u>	Magnesium	<u> </u>
pH (S.U.)	(0.	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.27	TDS	12.97
Physical Description		Resistivity	
Stream Consistency	Yes No	Sulfate	
Oil in Sample	Yes No		
Temperature	67°E		
Conductivity	255.5 25		
% Solids	12.9		
Turbidity	Yes No	•	
Color (visual)			
.TSS (%)	40.1		-
Radiation Screen (as needed)			
Lab Signature		SPINA	
	REC04/01 / P	age 1	

PECEIX/NOW/BORNETION		44.
Date	4/24/	15
Receiving ID#	I04241	503
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		***************************************
Client		
Transporter		
Time in	·	
Time out		
Received by	SI.H.	
Sampled by	L UN AN	



LABURETRIVATION :			Complete and some	
Compatible? (RT#)	/Yes/	No	Barium	
PCBs (ppm)(0ily Waste			-	
Only)?			Calcium	·
TOC (ppm)(CC Waste Only)?	<u> </u>		Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH (S.U.)	1.0		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.03		TDS	3.07
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	·
Oil in Sample	Ýes	· No		
Temperature	531			
Conductivity	ૄ ૱, ૪	m S		
% Solids	3.0			
Turbidity	Yes	No	•	
Color (visual)		-		
.TSS (%)	20,1			
Radiation Screen (as needed)		٠.	$\sim \Lambda \Lambda \Lambda$	
Lab Signature			PIN	
	REC04	101 Pa	ge 1	-

RECEIVING DE ORNIVALO		
Date	4/24	115
Receiving ID#	IOUZ	11504
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	fl.
Sampled by	474	A



LABINE ORIVATION: 10 7 aug.		Concludences Only	
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Olly Waste			
Only)?		Calcium	
TOC (ppm)(CC Waste Only)?	1 1 1 1 1 1 1	Total Iron	
Flash Point (°F)) 140	Magnesium	
pH (S.U.)	40.	Sodium Chloride	
Cyanides? (mg/L)		Bicarbonate	
Sulfides? (ppm)		Carbonate	
Specific Gravity	1.13	TDS '	28.67
Physical Description		Resistivity	-
Stream Consistency	Yes No	Sulfate	•
Oil in Sample	Yes No		
Temperature	64°F		
Conductivity	> 400,0,5		
% Solids	28.4		
Turbidity	Yes No		
Color (visual)			
.TSS (%)	(0.)		
Radiation Screen (as needed)		-	
Lab Signature	IRW	Q	
	RECO4-01 - Pag	ge 1	

RECEIVING NEORMALIONS		
Date	4/28/	15
Receiving ID#	1042 E	31501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		- "
Time in		-
Time out		
Received by	JH	
Sampled by	Ma	



Labororyation				
Compatible? (RT#)	(Yes)	No	DØ (no kribitines Ø illy) Barium	
PCBs (ppm)(Olly Waste				
Only)?	1		Calcium	
TOC (ppm)(CC Waste Only)?	-	-	Total Iron	
Flash Point (°F)	> 1	40	Magnesium	
pH (S.U.)	1.2		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)		,	Carbonate	
Specific Gravity	1,0	5 د	TDS	3.72
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	•
Oil in Sample	Yes	· No		
Temperature	62	97		
Conductivity	74.1	ک پیر		
% Solids	3,7			,
Turbidity	Yes	No	-	
Color (visual)				
TSS (%)	40	ji K		
Radiation Screen (as needed)		Å		*
				1
Lab Signature	***************************************			<i>A</i> ^

L REGERANGINE DEIZETICI	
Date	4/28/15
Receiving ID#	104281502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	·
Client	
Transporter	
Time in	
Time out	
Received by	J.H-1
Sampled by	



IC BUNGORN ANGON 4-39				
Compatible? (RT#). (Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	<u> </u>	-	Total Iron	
Flash Point (°F)	140		Magnesium	
pH (S.U.)	0.9		Sodium Chloride	
Cyanides? (mg/L)	•		Bicarbonate	
Sulfides? (ppm)		1	Carbonate	
Specific Gravity	1.14		TDS '	30.0%
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	: No		
Temperature	<i>₹ 73° €</i>			
Conductivity) 400.	0 m 5		
% Solids	30,0			-
Turbidity	Yes	No	-	
Color (visual)				
TSS (%)	10.)		
Radiation Screen (as needed)			1 / 1/1	
			1.62//	
Lab Signature			10./NI	<u> </u>

REC04-01 - Page A

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

K CONTROL OF MAN AND A TANK OF THE OF THE OF	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	TH FAT
PEGENINGINEDAMATORE		
Date	4/29	//5
Receiving ID#	I 042	91501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter .		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Time in		
Time out		<u>.</u>
Received by	J.74	P.
Sampled by	Esh	



CABINITORNATIONS				
Compatible? (RT#)	(Yes)	No	pogliekijasijašs waliyda Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	<u> </u>		Total Iron	
Flash Point (°F)		10	Magnesium	
pH (S.U.)	1.0.		Sodium Chloride	
Cyanides? (mg/L)	_	•	Bicarbonate	
Sulfides? (ppm)		-	Carbonate	
Specific Gravity	1-10		TDS	19.29
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	*
Oil in Sample	Yes	· No	·	
Temperature	65°			
Conductivity	3831	<u>~5</u>		
% Solids	19.7	2		,
Turbidity	Yes	No		
Color (visual)		٠.		
.TSS (%)	(0.1			
Radiation Screen (as needed)				
Lab Signature			LA IL	
	RECO)4-01 / Pa	seh VV	(A a

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

PECENTRIANEOFMENTOR	
Date	4/29/15
Receiving ID#	I 64291505
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	グル
Sampled by	445



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LABENFORM TO OUT STATE OF THE S			California (Brings 1940)	
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 0,8		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)	,		Carbonate	
Specific Gravity	1.12		TDS	7.67
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	,
Oil in Sample	Yes	· No		
Temperature	60	OF		
Conductivity	151.7	~ <	·	
% Solids	7.10	— 1 — 1 — 1		-
Turbidity	Yes	No		
Color (visual)	-			
TSS (%)	10.1	_		
Radiation Screen (as needed)			1/2/	
Lab Signature	-		las Tan	
·	REC04	1-0:1 Pag		

erecevincanecevation	
Date	4/30/15
Receiving ID#	10436150
Manifest# Line:	, , , , , , , , , , , , , , , , , , ,
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	·
Time in	
Time out	
Received by	へ MoJo H
Sampled by	DAR



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LABINEORIANDO					
Altuvasietshamensta			eonedameren (2		
Compatible? (RT#)	Yes)	<u>No</u>	Barium		
PCBs (ppm)(Oily Waste					
Only)?	<u></u>		Calcium		
TOC (ppm)(CC Waste Only)?		· · · · · · · · · · · · · · · · · · ·	Total Iron		
Flash Point (°F)) 146	<u>) </u>	Magnesium		
pH (S.U.)	1.9	·	Sodium Chloride		
Cyanides? (mg/L)			Bicarbonate		
Sulfides? (ppm)			Carbonate		
Specific Gravity	1.06	>	TDS	4.27.	
Physical Description			Resistivity		
Stream Consistency	Yes	No	Sulfate	•	
Oil in Sample	Yes	. No	-		
Temperature	63°				
Conductivity	82.3	<u>~ S</u>			
% Solids	4.2				
Turbidity	Yes	No			
Color (visual)					
.TSS (%)	40,)			
Radiation Screen (as needed)				*	
t -1. (5)	-	IX	LIV		
Lab Signature					
RECOA-01 - Page 1					

WASTE STREAMS CHARACTERIZATIONS

Constator Wasts Profit 28470 Clirin Dr., Romulus, Nii 48174. Telephone 734 946 1000. Fex 734 946 1002 Profile # OO 60 GENERATOR INFORMATION Name: USEPAID# Facility Address SIC/NAICS Code: State Code: City: _ Stat Zip Code: Contac Phon BILLING INFORMATION SAME AS ADOVE Company Name: _ Address: City: . State: Zip Code: Attention Phone: (Fex (WASTE INFORMATION Name of Waste/Common Chemical Name: CAUSTIC 60DA Process Generaling Wests (Please be specific, incomplete information may delay the approval process): USEPAJ STATE WASTE IDENTIFICATION 1. This wests is considered to be: ☐ Non Hexardous Liquid Industrial Waste M Hazardous Waste 2 Regulated by TSCA? [IVes ZiNo (PGBs, etc.) 3. List ALL Applicable Waste Codes 2007 2-2 PHYSICAL CHARACTERISTICS OF WASTE uspended Solids Color: Specific Gravity: Layere: accedabl White/Clear
Stack/Brown
Michigan **2**0-1 % 1-3 % 0.8-1.0 0 1.3-1.4 ☐ 3·6 % Multi-Layered Single Phase □ > 6% Exact / Other 04061 pH: DNA US2 U2-4 ☐ 4 - 6 ☐ 8 - 10 ☐ 10 - 125 図 ≥12.5 Liquid Flash Foliats □ <73°F □ 73 - 100°F □ 101 - 140°F □ 141 - 200°F 図 >200°F □ None □ Closed Cup □ Open Cup VOC CONCENTRATION . PPM (MUST BE COMPLETED) TOTAL COMPOSITION OF WASTE - INUST BE EDUAL TO DE GREATER THAN 100% (LIST EACH CONSTITUIENT >/= 0.1%) CONSTITUENT [AJAHA Y DAME OF

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

	EGT - 28670 Cluin Dilvs - Romalus - 141 - 48174 Weets Profile - Page 2
	Metals: indicate if this waste gontains any of the following metals,. If Generator knowledge-provide backup Lab Analysis (Generator Knowledge TOLP TOTAL
	Not Consentration Not Concentration Alsertic (As) DO04 I) < 6 ppm
x	Systematics from the point fundamental to point selection (3-b) D009 (0 < 0.2 point point selection (3-b) D010 (0 < 1 point point selection (3-b) D011 (1 < 5 point selection (3
	TOLP Organics DD12-D085 above regulatory limits: Present [] Not Present []
	18 WASTE ANY OF THE FOLLOWING? Af Least One Box Must be Checked. Redicactive
	SHIPPING INFORMATION 1. Is this a DOT Hazerdous Material (46CFR 172.101 & 173 Subpart D)? [Aves Chico
	2. Reportable Quantity (RQ) in pounds 8. DOT Shipping Nems 15055574674 674 674 674 Hezerd Class 8 UNINA 182 PG TERO Hazardous Constituents for "n.o.s."
ዹ	PG TERO Hazardous Constituents for "n.o.s."
	4. Method of Shipmen: Daulk Tenker Zivec truck CRell Car Zibrums Zifotes
	5. Number of Units to Ship Now: 6. Antidpaised Volume / Units per Year. or Dine Time 8. Special Handling Requirements Including PPE:
	CERTIFICATION STATEMENT
	I hereby represent and warrant that I have personally exemined 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 misteading. I understand that others may rely on this representation and warrants in the handling and processing of the waste meterial described herein. If this box is checked [], I request Environmental Geo-Technologies not to consider any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the results of the sample obstraction and/or regulatory requirements.
X	Printed Name:
**********	Generator's Signature:Dajts;
•	GENERATOR'S Count OF CUSTODY RECORD INSTRUCTIONS: Please collect a representative 1-quart sample in the waste described in the above referenced Generatoric Waste Profit is Report using an appropriate certainer. A representative sample is one obtained using any of the applicable sampling methods afted in 40 GFR 281-Appendix 1. Fill in the sampling information in the appace provided below. If you have problems obtaining a representative sample of your waste, please contact your Environmental Geo-Technologies representative.
•	1
	SAMPLING METHOD 2. COLLECTION POINT
	SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER
	4. Sample No. Processession: Yes D No D
	5. CHAIN OF CUSTODY Each person who handles the sample must sign below when the sample passes from one to enoting.
	Relinquiched by: Received by: Date Time (Signature)

WESEVANCES FOR PARION	
Date	2/27/15
Receiving ID#	2/27/15 Caustic Sola
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter .	
Time in	
Time out	
Received by	J.H.
Sampled by	Client

EABUNEORNA HONE 255			OKTO Baines Only	
Compatible? (RT#)	(Yes)	No	Barlum	
PCBs (ppm)(Oily Waste Only)?	AIM		Calcium	
TOC (ppm)(CC Waste Only)?	NIA		Total Iron	
Flash Point (°F)		40	Magnesium	
pH (S.U.)	12.8		Sodium Chloride	
Cyanides? (mg/L)	430		Bicarbonate	
Sulfides? (ppm)	420,	<u> </u>	Carbonate	·
Specific Gravity	1.14		TDS	-
Physical Description	lian d		Resistivity	
Stream Consistency	Yes	(NO)	Sulfate	
Oil in Sample	Yes	(NO)	?	
Temperature	58		·	,
Conductivity	110.9	,.5	,	
% Solids	,28	9		
Turbidity	(Yes)	No		
Color (visual)	120110W	•	***************************************	
TSS (%)	0.1			
Radiation Screen (as needed)	Negativ	7 e	/ . N . N	
Lab Signature				

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

Generator Weste Profile Profile & C C G G G

GENERATOR INFORMATION					Alvelan
Neme		, A	USEPAID #	Control of the Contro	
Facility Address			SIC/NAICS Code:	State C	orie:
City:	**************************************	550000000000000000000000000000000000000		Zip Code	
Contes	AT Itle:	Phông		Fax	Secretaria (Contra)
BILLING INFORMATION		SAME AS ABO	4.9		
Company Name:		-3-11	•		The state of the s
Address:	· · · · · · · · · · · · · · · · · · ·				
*		<u> </u>	laria:	Zip Code:	· · · · · · · · · · · · · · · · · · ·
tterriton:		Phone: ()	•	
ASTS INFORMATION				•	
lame of Waste/Commo			;		•
	NSE WATER	· · · · · · · · · · · · · · · · · · ·		· ·	
71.47.14	,				
DEPA/STATE WASTEIDER This waste is considered to Regulated by TSCA?	ITIFICATION be: [] Non Hazardon bs (FCBs, etc.)	us Liquid Indu strial Wi		zardous Wasts	
PLOSTING Waste (PPLOSTING Waste (PPLOSTING) SEPA/STATE WASTE IDENTIFY WASTE IDENTIFY WASTE IDENTIFY WASTE (PPLOST) This waste is considered to Requisited by TSCA? []Y List ALL Applicable Waste (PVSICAL CHARACTERIST)	ITIFICATION be: Indon Hazerdon bes Eno (FCBs, etc.) codes 1002 1007	us Liquid Indu strial Wi	nate 25 He		
SEPA/ STATE WASTE IDENT This waste is considered to Requisited by TSCA? []Y List ALL Applicable Weste (VSICAL CHARACTERISTIC Color: Su White/Clear	ITIFICATION be: Indon Hazerdon bes Eno (FCBs, etc.) codes 1002 1007	us Liquid Industrial Wi	Specified 3.8 -1	zardous Wasts Je Gravity: 1.0-1.2 0 30 1.3-1.4	accopiele por
SEPA/STATE WASTE IDENT This waste is considered to Regulated by TSCA? []Y List ALL Applicable Weste (YSICAL CHARACTERISTIC Color: Su White/Clear Signification of the State o	STIFICATION be:	is Liquid Industrial Wi	Specification of the section of the	ic Gravity: 1.0-1.2 0 1.3-1.4 her	ace of selection of the last
SEPA/ STATE WASTE IDE! This waste is considered to Requisited by TSCA? []Y List ALL Applicable Weste (VSICAL CHARACTERISTIC Color: Su White/Clear JSigok/Brown Cother ORTOR	ITIFICATION be:	Layers: BY-Layersd Single Pha	Specified Specified 1-0.8	zardous Wasts Ic Gravity: □ 1.0-1.2 0 1.3-1.4 har 2.5 □ ≥12.5	04.04.15
SEPA/ STATE WASTE IDE! This waste is considered to Requisited by TSCA? []Y List ALL Applicable Weste (VSICAL CHARACTERISTIC Color: Su White/Clear Jispak/Brown Link ORTON	ITIFICATION be:	Layers: BY-Layersd Single Pha	Specified Specified 1-0.8	zardous Wasts Ic Gravity: □ 1.0-1.2 0 1.3-1.4 har 2.5 □ ≥12.5	04.04.15
SEPA/ STATE WASTEIDER This waste is considered to Requisited by TSCA? [] List ALL Applicable Waste (VSICAL CHARACTERISTIC Golor: Su J Sisokr Diving [] Sicokr Diving [] INA [S] < 2 []	ITIFICATION be:	Layers: Layers: Multi-Layers: Single Pha	Specification of the second of	zardous Wasts Ic Gravity: □ 1.0-1.2 0 1.3-1.4 har 2.5 □ ≥12.5	04.04.15
SEPA/STATE WASTEIDER This waste is considered to Requisited by TSCA? []Y List ALL Applicable Wests (VSICAL CHARACTERISTIC Color: Su White/Clear SpackBrown Character INA SI < 2 [] UNA Flash Point: []	ITIFICATION be:	Layers Layers Bi-Layersd Single Pha 6 - 8	Specified Specif	randous Wasts le Gravity: 1.0-1.2 0 M 1.8-1.4 her 2.5 \[\gamma \gamma 12.5] None \[\bar{2} \] Closs	Ofolise
SEPA/STATE WASTE IDENT This waste is considered to Regulated by TSCA? []Y List ALL Applicable Weste (YSICAL CHARACTERISTIC Color: Su White/Clear Signification of the State o	ITIFICATION be:	Layers: Layers: Layers: Bi-Layersd Single Pha 40°F	Specified Specif	randous Wasts le Gravity: 1.0-1.2 0 M 1.8-1.4 her 2.5 \[\gamma \gamma 12.5] None \[\bar{2} \] Closs	Odol. 15 ad Cup. □ Open Cu
SEPA/ STATE WASTE IDENT This waste is considered to Requisited by TSCA? [IV List ALL Applicable Weste (VSICAL CHARACTERISTIC Color: Su White/Clear Signol/Brown	ITIFICATION be:	Layais: Layais: Multi-Layer Bi-Layered Single Pha 40°F [] 141 — 200°I	Specified Specif	randous Wasts le Gravity: 1.0-1.2 0 M 1.8-1.4 her 2.5 \[\gamma \gamma 12.5] None \[\bar{2} \] Closs	Ofolise

	EGT : 20470 Citulo Dows - Ron	14142 <u>- 141 - 484</u>	78		Waste Pro	Me = Page 2
	Wetals: Indicate If this waste, con	lains any of the to negator Knowle	oliowing metale, Age	. If Gonzálor Innovincigo-provid O TOLF OT	ie iseolosp OTAL	`
ingit.	Dioxins opm Cyanides Reactive II ppm Cyanides Total II opm Guilides Reactive II opm Sulfides Total II opm	Err Aromalic Amine Pesticides Rodenticities Fungloides	Dem pem	Bailusn (Ba) Colombian (Cit) Colombian (Cit) Leas (Pa) Morocity (Hg) Solombian (Sa) Sever (Ag)	D004	
	TCLP Organics DV12 - D043 above		Present N	ri Preseni 🔎		
	(S WASTE ANY OF THE FOLLOW Redicactive Water Read NIOSH Human-Positive Cardin	tive D Oxidiz	ter f	Musi Ba Checked.] Shock Seneltive ☐ Resonzene, sto.) ☐ Bioto		Spiosives Apply
	SHIPPING INFORMATION	-	01 & 173 Schoo	ni D)?		
	2. Reportable Quantity (RQ) in poo			#15/1 FE106 PF840	•	
% _	3. DOT Shipping Name ROLL PG TE ERG Hezel	umte Cl	menic /	400	Hezzerd Class 8	Mm 1755
	PG_TE ERG Hezer	doue Constituen	fs for "n.o.s."	s Compress de la compres de l'angle de l'anno de l'a	and the second s	
•	4. Method of Shipment					
	 Number of Unite to Ship Now: Special Handling Requirements 	including PPE;	6. Antiolp	ated Volums / Únite per Year:		or 🗆 One Time
•	CERTIFICATION STATEM	ENT		***************************************		
X .	I hereby represent and variant that attached documents. Based on my information, the information contain material fact has been omitted as it in the handling and processing of the Technologies not to correct any inec of the sample characterization and/o	I have personally inquiry and person to true, and person is true, and this infer to waste material materials. An	onal knowledge accurate, and c nation misleadir described here conrections En	of those Individuals responsi- complete to the best of my kin g. I understand that others in h. If this troy is chacked [].	ble for supplying or olds owiedge and belief. Fu way rely on this represe I request Environments	lining the idialmore, no ritition and warranty il Gao-
	Printed Name	- Hall II.	. At Intestigit		Title:	
	Generalor's Signature				Date	
, ,	GENERATOR'S CHAIN OF this waste described in the above real one obtained using any of the applica provided below. If you have problem representative.	biercod Genera Bole samoling an	Tore Waste Pro binode clied in 4	orte Report using an approp 0 CFR 261-Accendix 1. FM	riels container. A repr in the sampling informs	esentative semple is
	1. SAMPLING METHOD 2.	-	, , , , , , , , , , , , , , , , , , ,			
		COLLECTIO	N POINT	n need to be a second of the s		
	SAMPLE COLLECTOR'S NAME,	Tivle, enpplo	YER			Militaria de la companya de la compa
	4. Sample No j>	recervation: Y		<u> 1</u>		
	5. CHAIN OF CUSTODY Each pa	rson who handis	s the sample m	ust sign below when the sam		
	Refingulated by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

•

٠.

NAME AND ASSESSMENT OF A BUT OFFICE A	1. From 1 # 50 0 01	WE	
REGENTING INFORMATION 4			
Date	2/27/	15	
Receiving ID# CL	rome Ri	505-(1) at	1
Manifest# Line:	,	-	
Land Ban Cert included	Yes	No]
EGT Approval #			
Generator			
Client		·	
Transporter			
Time in			
Time out			
Received by	H.T		
Sampled by	Ches		

LEMITORNATION :		
Compatible? (RT#)	(Yes) No	Barium
PCBs (ppm)(Oily Waste Only)?	N/P)	Calcium
TOC (ppm)(CC Waste Only)?	I NA	Total Iron
Flash Point (°F)) 140	Magnesium
pH (S.U.)	1.5	Sodium Chloride
Cyanides? (mg/L)	<u> </u>	Bicarbonate
Sulfides? (ppm)	< 200	Carbonate
Specific Gravity	1.04	TDS
Physical Description	liavid	Resistivity
Stream Consistency	(Yes) No	Sulfate
Oil in Sample	Yes (No)	
Temperature	63°F	
Conductivity	100,4 -5	
% Solids	3.8	
Turbidity	Yes (No)	
Color (visual)	Ocarac	
TSS (%)	40.1	
Radiation Screen (as needed)	Negative	
Lab Signature	J	Lok JOH
	RECO4-01 Pa	şe 1

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

G:	enerator	Waste	Pro	file
	//h	6-6-6	30. 1	A Party

GENERATOR INFORMATION	· · · · · · · · · · · · · · · · · · ·			
Name:		USEPAI	D#	
Facility Address:		SIC/NAICS	S Code:State Code:	
City:		State:	Zip Code:	
Contact:	Title:	hone:	Fax	
BILLING INFORMATION	The same of the sa	SAME AS ABOVE		
Company Name:				
Address:				
City		State:	Zip Code:	
Attention:		_ Phone:	Fax	
WASTE INFORMATION				
Name of Waste/Common Ch	iemical Name: <u>Cau</u>	stic Cleaner		
Process Generating Waste (Please	s be specific, Incomplete	information may delay the	approval process):	
caustic cleaner with water to c	lean emply product tole	5		
				· · · · · · · · · · · · · · · · · · ·
	na antonio de la compania de la comp			(Commander of the Commander of the Comma
USEPA / STATE WASTE IDENTIF				
 This waste is considered to be: Regulated by TSCA?		s Liquid Industrial Waste	X Hazardous Waste	
3. List ALL Applicable Waste Code				
PHYSICAL CHARACTERISTICS (SE MA OTE			
	ended Solids	Layers:	Specific Gravity:	1 / / / /
☐ White/Clear ☐ 0- ☐ Black/Brown X1-5	-1% 🔲 3-5%	Multi-Layered Bi-Layered	□<0.8 X1.0-1.2 □ 0.8-1.0 □ 1.3-1.4	acceptable
xOther	776 [] 2076	X Single Phase	Exact / Other	M. S.
brownish/grey	<u> </u>		∏ 10125 X ≥ 125	04.01.15
Mr. 0144 0 4				
Liquid Flash Point: (<73°F	73-100°F □ 101-1	40°F	>200°F X None ⊠ Closed C	Cup Open Cup
VOC CONCENTRATION -	- 6 ==	PPM (MUST BE COMPLETED)		·
TOTAL COMPOSITION OF WASTI	E - MUST BE EQUAL TO OF	R GREATER THAN 100% (LIST E	ACH CONSTITUENT >/= 0.1%)	
CONSTITUENT		MAX MIN CONSTI	TUENT	MAX MIN
Water Old		70 - 80 % Potassium i	Hydroxida	<u>30 - 10</u>
				

<u> EGY - 28470 Citrin Drive - Romu</u>	lus - MI - 48174			······································	Waste Profi	le - Page 2
Metals: Indicate if this waste contain ☐ Lab Analysis ☐ Gene	ns any of the follow rator Knowledge	wing metals,. If	Generator knowledg	e-provide backup □TOTAL	·	
Dioxins ppm Pe Cyanides Reactiveppm Ro	Not Present omatic Amine (I) sticides (I) denticides (I) ngicides (I) gutatory timits: Present (I)	ppm ppm ppm	Arsenic Bailum Cadmiu Chromit Lead (P Mercury Seleniu Silver (F	(Ba) D005 m (Cd) D006 m (Cr) D007 b) D008 r (Hg) D009 m (Se) D010	1 < 5 ppm 1 < 100 ppm 1 < 1 ppm 2 < 5 ppm 3 < 5 ppm 4 < 0.2 ppm 4 < 0.2 ppm 5 < 1 ppm 6 < 5 ppm	Ppm
IS WASTE ANY OF THE FOLLOWING Radioactive Water Reactive NIOSH Human-Positive Carcinog	e 🔲 Oxidizer			Reactive (oth	er)	
SHIPPING INFORMATION 1. Is this a DOT Hazardous Material 2. Reportable Quantity (RQ) In poun 3. DOT Shipping Name Waste con	(49CFR 172.101 ds <u>100</u>		•		U	VNA <u>UN3266</u>
PG ERG 154 Hezard		_				
4. Method of Shipment: 5. Number of Units to Ship Now: 50 6. Special Handling Requirements in	X Bulk Tanker 00 gallons	□Vac truck []Rall Car □Drui Volume / Units per	ns 🗆 Totes	allons	or 🗌 One Time
CERTIFICATION STATEMI I hereby represent and warrant that I attached documents. Based on my II information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incor of the sample characterization and/or Printed Name: Generator's Signature:	have personally enquiry and person divided herein is true, a make this informativaste material disistencies. Any constitution	al knowledge o ecurate, and co liion misleading escribed herein corrections Envi	f those Individuals in implete to the best of . I understand that i. If this box is checon.	esponsible for s of my knowledge others may rely ked □, i reques	upplying or obta and belief. Fur on this represer at Environmenta is will be consist	ining the thermore, no station and warrant Geo-
GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application provided below, if you have problems representative.	renced Generato ble sampling met	DRS WASTE PRO hods cited in 40	FILE REPORT using a CFR 261-Appendi	n appropriate ox x 1. Fill in the s	ontainer. A repri ampling informa	sentative sample i
12. SAMPLING METHOD 3SAMPLE COLLECTOR'S NAME,	COLLECTION	-		-		
•	reservation: Ye	s 🗋 No 🗌			<u></u>	
Relinquished by:	rson who hendles	the sample m	ıst sign below wher Receiv	ed by:	sses from one to Date	another.
(Signature)	Date	Time	(Signa	iture)		
	4-m			. 		

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC 28470 Citrin Dr., Romulus, Mi 48174. Telephone <u>734 946 1000</u>. Fax <u>734 946 1002</u>

Generator Waste Profile

			PROFILE#	0002		
SIGNALCS Code: State Code: St	GENERATOR IN	ORMATION				
State: St	Name:			USEPA ID #_		
State: St	acility Address:			SIC/NAICS Code:	State Code:	
AME AS ABOVE SAME AS ABOVE Company Name: ddress: State: Zin Code Maste Information arms of Waste/Common Chemical Name: Waste pit water recess Generating Waste (Plasse be seacific, incomplete information may delay the approval process): cleaning of amoly pruduct isa SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: XNon Hazardous Liquid Industrial Waste Hazardous Waste Regulated by TSCA? Yes X No (PCBs, etc.) List ALL Applicable Waste Codes; 0291. HYSIGAL CHARACTERISTICS OF WASTE Color: White/Clear Black/Brown D-1 % 3-5 % Buspended Solids Multi-Layered Ri-Layered No. 8 Specific Gravity: White/Clear Black/Brown D-1 % 3-5 % Buspended Solids Multi-Layered X 1.0 - 1.2 Other X-5 % Suspended Solids AV.10-1.2 Other X-5 % Single Phase Exact / Other	<u> </u>	**************************************			7:- 0-2:-	
SAME AS ABOVE Company Name: ddress: State: State: Zip.Code Martion: Phone: Fax ASTE INFORMATION The waste in considered to be: XNon Hazardous Liquid Industrial Waste Regulated by TSCA? Yes X No (PCBs, etc.) List ALL Applicable Waste Codes: Color: White/Clear Slack/Brown D-1 % 3-5 % Bit-Layered White/Clear Slack/Brown D-1 % 3-5 % Suppended Solids AV-15 % > 5% X Single Phase Exact / Other AV-15 % > 5% X Single Phase Exact / Other Available Codes:		Title	hone			
State State State Zip Code Environ ASTE INFORMATION ame of Waste/Common Chemical Name: Waste pit water coses Generating Waste (Please he secific, incomplete information may delay the approval process): cleaning of empty product SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: XNon Hazardous Liquid Industriel Waste Hazardous Waste Regulated by TSCA? Yes X No (PCBs, etc.) List ALL Applicable Waste Codes: Q291. IVSICAL CHARACTERISTICS OF WASTE Cotor: Suppended Solids With-Layered X Single Phase Bit-Layered X Single Phase Exact / Other IN A ≤ 2 2 - 4 X 4 - 10 6 - 8 8 - 10 10 - 12.5 ≥ 12.5 Pulid Plash Point: <73°F 73 - 100°F 101 - 140°F 141 - 200°F > 200°F X None Closed Cup Open Cup		IATION ,,,,				
State State State Zip Code Entition: Phone: Eax ASTE INFORMATION arms of Waste/Common Chemical Name: Waste pit water cosess Generating Waste (Please he secific, incomplete information may delay the approval process): cleaning of empty product SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: XNon Hazardous Liquid Industriel Waste Hazardous Waste Regulated by TSCA? Yes X No (PCBs, etc.) List ALL Applicable Waste Codes: 0291. IVSICAL CHARACTERISTICS OF WASTE Potor: Suspended Solids D-1 % 3-5 % Bit-layered X Single Phase Suspended Solids Layers: Multi-layered X Single Phase Suspended Cravity: 0.8 X 1.0 - 1.2 0.8 - 1.0 1.3 - 1.4 Exact / Other CAT, 03, 11 Differ NA 2 2 - 4 X 4 - 40 6 - 8 8 - 10 10 - 12.5 ≥ 12.5 Puid Plash Point: <72°F 73 - 100°F 101 - 140°F 141 - 200°F > 200°F X None Closed Cup Open Cup	nnanu Name			÷		
State: State Zip Code			AND THE RESERVE OF THE PARTY OF		3	
ASTE INFORMATION The present of Waste/Common Chemical Name: Waste pit water presess Generating Waste (Please he specific, incomplete information may delay the approval process): cleaning of empty product EBPA / STATE WASTE IDENTIFICATION This waste is considered to be: XNon Hazardous Liquid Industrial Waste Hazardous Waste Regulated by TSCA? Yes X No (PCBs, etc.) List ALL Applicable Waste Codes: 0281 VSICAL CHARACTERISTICS OF WASTE Cotor: Suspended Solids Multi-Layered Bi-Layered Bi-Layered Bi-Layered Bi-Layered Bi-Layered Differ X Single Phase Exact / Other COT, O3, 10 COT, O3, 10 Light Plash Point: <73°F 73 – 100°F 101 – 140°F 141 – 200°F > 200°F X None Closed Cup Open Cup	idrass;					
ASTE INFORMATION ame of Waste/Common Chemical Name: Waste pit water occess Generating Waste (Please he specific, incomplete information may delay the approval process): cleaning of empty pruduct sa cleaning of em			State	Zip Code		
cleaning of empty product EPA / STATE WASTE IDENTIFICATION This waste is considered to be: XNon Hazardous Liquid Industrial Waste Hazardous Waste Regulated by TSCA? Yes X No (PCBs, etc.) List ALL Applicable Waste Codes: 028L YSICAL CHARACTERISTICS OF WASTE Clor: Suspended Solids Milli-Layered Sit-Layered Nilli-Layered Sit-Layered X 1.5 % > 5% X Single Phase Exact / Other NA ≤ 2 2 - 4 X 4 - 10 6 - 8 8 - 10 10 - 12.5 ≥ 12.5 uild Plash Point: <73°F 73 - 100°F 101 - 140°F 141 - 200°F > 200°F X None Closed Cup Open Cup	enlion:	Phone	2	Fax		
cleaning of waste/Common Chemical Name: Waste pit water cleaning of amply product cleaning of amply	ASTE INFORMA	TION			,,,,,,,,	er emelije e
This waste is considered to be: XNon Hazardous Liquid Industrial Waste Hazardous Waste Regulated by TSCA? Yes X No (PCBs, etc.) List ALL Applicable Waste Codes: 029L IYSICAL CHARACTERISTICS OF WASTE Cotor: Suspended Solids Multi-Layered Subject Multi-Layered Silect/Brown 0-1 % 3-5 % Multi-Layered X Single Phase Exact / Other X 1-5 % > 5% X 1.0 - 1.2 Other X 1-5 % > 5% X Single Phase Exact / Other Codes: 029. It: NA ≤ 2 2 - 4 X 4 - 10 6 - 8 8 - 10 10 - 12.5 ≥12.5 Quild Plash Point: <73°F 73 - 100°F 101 - 140°F 141 - 200°F >200°F X None Closed Cup Open Cup	lea		cleaning of empty prudu	<u>ct</u>		:
This waste is considered to be: XNon Hazardous Liquid Industrial Waste Hazardous Waste Regulated by TSCA? Yes X No. (PCBs, etc.) List ALL Applicable Waste Codes; 028L IVSIGAL CHARACTERISTICS OF WASTE Cotor: Suspended Solids Multi-Layered Sleck/Brown 0-1 % 3-5 % Bi-Layered X Single Phase Exact / Other				i kili deli ili.	-	••
Regulated by TSCA? Yes X No. (PCBs, etc.)	iepa / State W	ASTE IDENTIFICATION	M			wi
Color: Suspended Solids Layers: Specific Gravity: Afrika/Clear D-1 % 3-5 % Multi-Layered C0.8 X 1.0 - 1.2 D.5 % X 1.5 % > 5% X Single Phase Exact / Other D.5 % Exact / Other D.5 %	Regulated by T	SCA? Yes X No (I	PCBs, etc.)	id Industrial Waste	Hazanious Waste	· ·
White/Clear Black/Brown Other Street 0-1 % 3-5 % Bi-Layered Bi-Layered X 1.0 - 1.2 O.8 - 1.0 1.3 - 1.4 Exact / Other Exact / Other <0.8 × 1.0 - 1.2 O.8 - 1.0 1.3 - 1.4 Exact / Other Exact / Other						
: NA ≤ 2 2 - 4 X 4 - 10 6 - 8 8 - 10 10 - 12.5 ≥12.5	White/Clear Ilack/Brown > Other	0-1% 3-5%	Multi-Layer Bi-Layered	0.8 X 1.0 - 1 0.8 -1.0 1.3 - 1.4	1.2	-acceptle
the state of the s	: NA	≤ 2 2 -	4 X 4 – 10 6	- 8 8 - 10 10	- 12.5 <u>≥</u> 12.5	04.03.1
OC CONCENTRATION - PPM (MUST BE COMPLETED)	quid Plash Point	± <73°F 73 − 100°F		>200°F X None	Closed Cup Open	Cup
	C CONCENTRATION	·		E COMPLETED)		

TOTAL COMPOSITION OF WASTE - MIST BE EQUAL TO OR GREATER THAN 100% (UST EACH CONSTITUENT >/= 0.1%) Profile # 00448

Dioxins
Cyanides Reactive
Cyanides Total
Sufficies Reactive
Sufficies Total is waste any of the following? TCLP Organics D012 -- D043 above regulatory limits: Present 🔲 Not Present 📈 ☐ NIOSH Human-Positive Cardinogens ☐ NESHAP Wastes (Benzene, etc.) Metals: Indicate if this waste contains any of the following metals,. If Generator knowledge-provide backup

Lab Analysis

Cenerator Knowledge

TCLP

TOTAL Radioactive ☐ Water Reactive Concentration Pesticides Rodenticides Fungicides Aromatic Amine Oxidizer At Least One Box Must Be Checked. Concentration Shock Sensitive Arsenic (As)
Barium (Ba)
Cadmium (Cd)
Chromium (Cr)
Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag) Biological ☐ Reactive (other) D006 D006 D006 D006 D006 D006 ☐ DOT Explosives

Mone Apply , 4 8 made under

EG7 - 28470 Citin Drive - Romunus - MI - 48174 Maste Profile - Page 2

SHIPPING INFORMATION 1. is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? Yes X No 2. Reportable Quantity (RQ) in pounds 3. DOT Shipping Name Non-DOT regulated liquid Hazard Class UMMA Hazardous Constituents for "n.o.s." 4. Method of Shipment: X Bulk Tenker Vac truck Rail Car Drums 5. Number of Units to Ship Now: 7-8k gallons 6. Anticipated Volume / Units per Year: 80,000 gallons 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 dior regulatory regularments Title: Printed Name: Generator's Signature: Date: EASE COMECT & Pepresentative 1-quart sample of the waste described in GENERATOR'S CHAIN priate container. A representative sample is one obtained using any of the above referenced GEN the applicable sampling methods clied 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. Sampling Method **COLLECTION POINT** SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER Sample No. Preservation: Yes

one to another.

5, CHAIN OF CUSTODY	Each person	who handles	the sample must sign below when	the sample	pesses from
Relinquished by: (Signature)			Received by: (Signature)	Date	Time
	Date	Time			

FINGERPRINT FORM



Environmental Geo-Technologies, LLC.

			······································		
RECEIVING	8	APPR	OVA	L	FORM

		not
REGENTATIONS:		
Date	4/2/15	5
Receiving ID#	Ptwa	ter
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		and the second second second
Transporter		, , , , , , , , , , , , , , , , , , , ,
Time in		
Time out		•
Received by	J.H.	
Sampled by	Clien	Ì

DASENINE OF VARIOUS AND		The second secon
Compatible? (RT#)	Yes No	Barlum
PCBs (ppm)(0ily Waste Only)?	N/A	Calcium
TOC (ppm)(CC Waste Only)?	N/A	Total Iron
Flash Point (°F)	140	Magnesium
pH (S.U.)	12.7	Sodium Chloride
Cyanides? (mg/L)	330	Bicarbonate
Sulfides? (ppm)	< 200	Carbonate
Specific Gravity	1.01	TDS
Physical Description	liquid	Resistivity
Stream Consistency	Yes No	Sulfate
Oil in Sample	Yes (No)	
Temperature	63°∓	
Conductivity	23.5 mS	
% Solids	7.6	
Turbidity	(Yes) No	
Color (visuai)	Grey	
TSS (%)	3,0 /	
Radiation Screen (as needed)	Negotive	W / / / / / /
Lab Signature		160

RECO4-01 Page 1

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



GENERATOR INFORMATION			
Name:	USEPA	A ID#	
Facility Address:	•		_
	SIC/NAIC	CS Code tate Code	
City: Zip Code			
Contact: the time:	Phones	Fax: ()	
BILLING INFORMATION	SAME AS ABOVE	<u> </u>	
Company Name:			
Address:			
	State 75m Out		
City	State Zip Code		
Attention: Accounts Payable	Phone ax:		
VALA OTT INFORMS TION			
WASTE INFORMATION Name of Waste/Common Chemical Nam	a: Total Water Managament Mc	veril 720	
TARING OF VARIOUS OFFICER FARE	e. Total water winnagement for	уви. 720	
•			
Process Generating Waste (Please be specific, in	complete information may delay the	approval process):	
Unwanted product boiler treatment chemical. MS	•		
USEPA / STATE WASTE IDENTIFICATION		***	
 This waste is considered to be:	lazardous Liquid Industrial Waste	X Hazardous Waste	
List ALL Applicable Waste Codes: D002	7(C.)		
57.			
PHYSICAL CHARACTERISTICS OF WASTE			
Color: Suspended Solids White/Clear X 0-1 % 3-5		Specific Gravity: ☐<0.8 X 1.0 – 1.2	acceptate
☐ Black/Brown ☐ 1-3 % ☐ > 5 X Other Amber	5% ☐ Bi-Layered	□ 0.8 –1.0 □ 1.3 – 1.4	100
	X Single Phase	Exact / Other	04.09,15
pH: □NA □ ≤ 2 □ 2 - 4 □ 4	-6 ☐ 6-8 ☐ 8-10) ☐ 10 – 12.5 X ≥12.5	
Liquid Flash Point: ☐ <73°F ☐ 73 – 100°F ☐	404 4400E FT 144 3000E V.	200eE Mann V Classel	
Elding Last Louis [7, 10 L [7, 10 L [7]	101 - 140 T 141 - 200 F X -	·200°F	omb □ obeu cub
VOC CONCENTRATION<1%	PPW (MUST BE COMPLE	TED)	
TOTAL COMPOSITION OF WASTE - MUST BE EQU	JAL TO OR GREATER THAN 100% (LIST E	EACH CONSTITUENT >/= 0.1%)	•
CONSTITUENT		ITUENT	MAX MIN
Alkaline Boiler Treatment Chemical		HOENT	
	- %		<u> </u>

EGT - 28470 Citrin Drive - Romu	<u>us – MI – 48174</u>	<u> </u>		Waste Pro	file – Page 2
Metals: Indicate if this waste contain X Lab Analysis X Genera	is any of the folio ator Knowledge			le backup OTAL	·····- -
Dioxins X ppm Pe Cyanides Reactive X ppm Ro Cyanides Total X ppm Fu Sulfides Reactive X ppm Sulfides Total X ppm ppm	Not <u>Prese</u> smattc Amine X sticides X denticides X ngicides X	ppm ppm ppm ppm	Arsenic (As) Barium (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D004 X < 5 pp D005 X < 100 pp D006 X < 1 pp D007 X < 5 pp D008 X < 5 pp D009 X < 0.2 pp D010 X < 1 pp D011 X < 5 pp	n
TCLP Organics D012 - D043 above re	gulatory limits: I	Present ☐ Not i	Present X		
IS WASTE ANY OF THE FOLLOWING ☐ Radioactive ☐ Water Reactive ☐ NIOSH Human-Positive Carcinog	e 🔲 Oxidize	· 🔲	-		Explosives Apply
SHIPPING INFORMATION					
 Is this a DOT Hazardous Material Reportable Quantity (RQ) in poun 		_	D)? XYes ☐No		
3. DOT Shipping Name: Waste Cor			DS Hazard Class 8 UN/N	IA 3267	
PG_II ERG 153 Hazard	ous Constituents	for "n.o.s." pota	assium hydroxide		
4. Method of Shipment:	∐Bulk Tanker	□Vac truck [Totes	
5. Number of Units to Ship Now: 4 (1-55 gal., 2-30 g	al., 1-15 gal.)			
 Anticipated Volume / Units per Yea Special Handling Requirements in 		or >	One Time		
The second secon		er er en general en kalender er er et en er er e		· · · · · · · · · · · · · · · · · · ·	
CERTIFICATION STATEMING I hereby represent and warrant that I attached documents. Based on my information, the information contained material fact has been omitted as to in the handling and processing of the Technologies not to correct any incomo of the sample characterization and/or Printed Name Generator's Signature:	have personally nquiry and perso d herein is true, make this inform waste material sistencies. Any	nal knowledge o accurate, and co ation misleading described hereir corrections Envi	If those individuals responsion plete to the best of my krown line in the tothers in the first of the source in th	ible for supplying or obt nowledge and belief. Fi may rely on this represo I request Environment	aining the urthermore, no entation and warrant al Geo-
GENERATOR'S CHAIN OF the waste described in the above refe one obtained using any of the applica provided below. If you have problems representative.	renced Generat ble sampling me	ors Waste Pro	FILE REPORT using an appro CFR 261-Appendix 1. Fill	priate container. A rep in the sampling inform	resentative sample i ation in the spaces
12. SAMPLING METHOD	COLLECTION	N POINT			
3SAMPLE COLLECTOR'S NAME,	TITLE, EMPLO	YER			THE STATE OF THE S
4. Sample No Pi	eservation: Y	es □ No □			
	rson who handle	es the sample m	ust sign below when the sa	mple passes from one	o 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: March 30, 2015

Project Name: Project Number:

Submit Date: 3/24/ Collection Date: 3/23/

3/24/2015 3/23/2015 Customer:

Lab Sample ID

ner:

Sample ID: 5: Boiler Tro Parameters	eatment Result	LRL	Units	Method Reference	Analysis Date	Analyst
Flashpoint pH	DNF 14.0	200 1-14	٥F	SW846 1010 SW846 9045C	3/24/2015 3/24/2015	EDW LLW
TCLP Metals Analysis Arsenic Barium	ND ND	0.5 0.5	mg/L mg/L	SW846 7060 SW846 7081	3/30/2015 3/30/2015	LLW LLW
Cadmium Chromium	ND ND ND	0.5 0.5 0.5	mg/L mg/L mg/L	SW846 7130 SW846 7190 SW846 7420	3/27/2015 3/27/2015 3/27/2015	LLW LLW LLW
Lead Mercury Selenium Silver	ND ND ND	0.1 0.5 0.5	mg/L mg/L mg/L	SW846 7471 SW846 7740 SW846 7761	3/27/2015 3/30/2015 3/27/2015	LLW LLW 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:

3/30/2015

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

					_		
REC	EIVING	8	AP	PRO	MC	AL	FORM

a reference of a second	DATE D POR	16.1
FREE PRINCE NO CENTRAL PROPERTY OF THE		
Date	4/8//5)
Receiving ID#	1/99	404
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		····
Transporter .		
Time in		
Time out		
Received by	J.H.	
Sampled by	Clier	iT .

L-BINTE THAT INDUSTRIES AND A STATE OF THE S			Capelalbure on 2	Tripo de la companya
Compatible? (RT#)	(Yes)	No.	Barium	
PCBs (ppm)(Oily Waste			, Dailotti	
Only)?	N/.	A	Calcium	
TOC (ppm)(CC Waste Only)?	\ \mu \/	A	Total Iron	
Flash Point (°F)	146)	Magnesium	
pH (S.U.)	[13,3).	Sodium Chloride	
Cyanides? (mg/L)	< 3	0	Bicarbonate	
Sulfides? (ppm)	4.2	200	Carbonate	
Specific Gravity	1.18) 4	TDS	
Physical Description	ريمزا	- 24	Resistivity	
Stream Consistency	(YB)	No	Sulfate	
Oil in Sample	Yes			
Temperature	63°F	; \		
Conductivity	<u> 252</u>			
% Solids		;.Ö'		
Turbidity	(Yes)	No		
Color (visual)	\mathcal{B}_{r}	own		
TSS (%)	<u> 0.1</u>			·
Radiation Screen (as needed)	Nego F	ive i		
	مم	_ /	1 1/1/1	
Lab Signature				

REC04-0% - Page/1

<u>ENVIRONMENTAL GEO-TECHNOLOGIES, L</u>LC Generator Waste Profile 28470 Citrin Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002 Profile * GENERATOR INFORMATION Name: USEPA ID # Facility Address: SIC/NAICS Code state Code: ip Code Contact; itle: Phone Fax: (BILLING INFORMATION SAME AS ABOVE Company Name: Address: City: State Zip Code Attention: Accounts Payable Phone **WASTE INFORMATION** Name of Waste/Common Chemical Name: Dubois Alkaline Algecide Process Generating Waste (Please be specific, incomplete information may delay the approval process): Unwanted algicide MSDS not available, see attached chemical analysis. **USEPA / STATE WASTE IDENTIFICATION** 1. This waste is considered to be: ☐ Non Hazardous Liquid Industrial Waste X Hazardous Waste 2. Regulated by TSCA? Tyes XNo (PCBs, etc.) 3. List ALL Applicable Waste Codes: D002 PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Layers: Specific Gravity: X 0-1 % □ 3-5 % ☐ Multi-Layered **□<0.8** X 1.0 - 1.2XBlack/Brown □ 1-3 % 0.8 -1.0 1 1.3 - 1.4 - 5% - 5% ☐ Bi-Layered ☐ Other Amber X Single Phase Exact / Other pH: \square < 2 \square 2-4 ☐ 4 − 6 □ 6 - 8 \square 8 - 10 \square 10 - 12.5 X > 12.5 Liquid Flash Point: ☐ <73°F ☐ 73 – 100°F ☐ 101 – 140°F ☐ 141 – 200°F X >200°F ☐ None X Closed Cup ☐ Open Cup VOC CONCENTRATION -____< 1% PPW (MUST BE COMPLETED)

TOTAL COMPOSITION OF WAS I'E - MUST BE EQUAL TO OR GREATER THAN 100% (LIST EACH CONSTITUENT >/= 0.1%)

MAX MIN

100 - 100 %

CONSTITUENT

Monoethylamine, triethanolamine, quantinary ammonia compounds

CONSTITUENT

Alkaline Algecide

X Lab Analysis X Gener	ator Knowledge		ator knowledge-provide		
Dioxins Xppm Pe Cyanides Reactive Xppm Ro	Not <u>Present</u> omatic Amine X esticides X denticides X ngicides X	concentration ppm ppm ppm ppm ppm	Arsenic (As) Barium (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D005 X <100 k D006 X < 1 k D007 X < 5 k D008 X < 5 k D009 X < 0.2 k D010 X < 1 k	opm ppm opm ppm
TCLP Organics D012 - D043 above regulatory limits: Present ☐ Not Present X					
IS WASTE ANY OF THE FOLLOWING ☐ Radioactive ☐ Water Reactive ☐ NIOSH Human-Positive Carcinog	e 🔲 Oxidizer	ast One Box Must B ☐ Shock Vastes (Benzene, e	Sensitive		T Explosives e Apply
SHIPPING INFORMATION					
1. Is this a DOT Hazardous Material	-	173 Subpart D)?	XYes □No		
2. Reportable Quantity (RQ) in pour	ds100				
3. DOT Shipping Name: Waste Cor	rosive Liquid, Basic	, Organic, NOS H	azard Class 8 UN/N/	A 3267	
PG_II ERG 153 Hazard	ous Constituents fo	r "n.o.s." (monoeth	vlamine, triethanolami	ne)	
4. Method of Shipment:	☐Bulk Tanker ☐]Vac truck □Rail	Car X Drums 🔲	Totes	
5. Number of Units to Ship Now: 1 (1-55 gallon drum wi	ith 3 leaking 5 gallo	n pails inside.)		
 Anticipated Volume / Units per Yea Special Handling Regulrements in 		or X One	Time		
CERTIFICATION STATEMI	ENT				
I hereby represent and warrant that I attached documents. Based on my information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorrect the sample characterization and/or	nquiry and personal d herein is true, acc make this informatio waste material des isistencies. Any col	knowledge of those curate, and complet on misleading. I une scribed herein. If the prections Environme	e individuals responsite to the best of my know derstand that others me s box is checked,	ole for supplying or on powiedge and belief. nay rely on this repre I request Environme	btaining the Furthermore, no sentation and warran ntal Geo-
attached documents. Based on my in information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incor-	nquiry and personal d herein is true, acc make this informatio waste material des isistencies. Any col	knowledge of those curate, and complet on misleading. I une scribed herein. If the prections Environme	e individuals responsite to the best of my know derstand that others me s box is checked,	ole for supplying or on powiedge and belief. nay rely on this repre I request Environme	btaining the Furthermore, no sentation and warran ntal Geo-
attached documents. Based on my in information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incor- of the sample characterization and/or	nquiry and personal d herein is true, acc make this informatio waste material des isistencies. Any col	knowledge of those curate, and complet on misleading. I une scribed herein. If the prections Environme	e individuals responsite to the best of my know derstand that others me s box is checked,	ole for supplying or of powledge and belief, nay rely on this repre I request Environme as makes will be con-	btaining the Furthermore, no sentation and warran ntal Geo-
attached documents. Based on my in information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorrect the sample characterization and/or Printed Name	nquiry and personal dherein is true, accommake this information waste material desistencies. Any conference de CUSTODY REPROCES GENERATORS ble sampling methological description of the control of the co	knowledge of those curate, and complete on misleading. I unscribed herein. If the crections Environments. ECORD INSTRIBUTED S WASTE PROFILE RIED OF CORD IN CORD IN CORD OF CORD IN CORD OF C	e individuals responsite to the best of my known to the best of my known to the substant that others me box is checked , antal Geo-Technologie DUCTIONS: PLEATORT using an appropage 1. Fill in the box is checked to the bo	pole for supplying or of cowledge and belief. The pole of the constant of the content of the	btaining the Furthermore, no esentation and warran ntal Geo- sistent with the results ntative 1-quart_sample epresentative sample mation in the spaces
attached documents. Based on my information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorrect the sample characterization and/or Printed Name Generator's Signature: GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application provided below. If you have problems	nquiry and personal dherein is true, accommake this information waste material desistencies. Any conference de CUSTODY REPROCES GENERATORS ble sampling methological description of the control of the co	knowledge of those curate, and completed misleading. I unscribed herein. If the crections Environments. ECORD INSTRIBUTED STEAM STEAM STEPROFILE REPORT AND CERT STEAM STEPROFILE REPORTS CORD IN STEPPORTS CORD IN STEPROFILE REPORTS CORD IN STEPPORTS CORD	e individuals responsite to the best of my known to the best of my known to the substant that others me box is checked , antal Geo-Technologie DUCTIONS: PLEATORT using an appropage 1. Fill in the box is checked to the bo	pole for supplying or of cowledge and belief. The pole of the pole	btaining the Furthermore, no esentation and warran ntal Geo- sistent with the results ntative 1-quart_sample epresentative sample mation in the spaces
attached documents. Based on my information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorrect the sample characterization and/or Printed Name Generator's Signature: GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application provided below. If you have problems representative. 1	custopy and personal differences of the collection of the collecti	knowledge of those curate, and completed misleading. I unscribed herein. If the crections Environments. ECORD INSTR S WASTE PROFILE Rieds cited in 40 CFR tentative sample of COINT	e individuals responsite to the best of my known to the best of my known to the substant that others me box is checked , antal Geo-Technologie DUCTIONS: PLEATORT using an appropage 1. Fill in the box is checked to the bo	pole for supplying or of cowledge and belief. The pole of the pole	btaining the Furthermore, no esentation and warran ntal Geo- sistent with the results ntative 1-quart_sample epresentative sample mation in the spaces
attached documents. Based on my information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorrect the sample characterization and/or Printed Name Generator's Signature: GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application provided below. If you have problems representative. 1	custopy and personal differences of the collection of the collecti	knowledge of those curate, and completed misleading. I unscribed herein. If the rections Environments. ECORD INSTR S WASTE PROFILE Rieds cited in 40 CFR sentative sample of COINT	e individuals responsite to the best of my known to the best of my known to the substant that others me box is checked , antal Geo-Technologie DUCTIONS: PLEATORT using an appropage 1. Fill in the box is checked to the bo	pole for supplying or of cowledge and belief. The pole of the pole	btaining the Furthermore, no esentation and warran ntal Geo- sistent with the results ntative 1-quart_sample epresentative sample mation in the spaces
attached documents. Based on my information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorrect the sample characterization and/or Printed Name Generator's Signature: GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application provided below. If you have problems representative. 1	reservation: Yes I	knowledge of those curate, and complete on misleading. I unscribed herein. If the rections Environments. CORD INSTR S WASTE PROFILE Rieds cited in 40 CFR tentative sample of the color. OINT	e individuals responsite to the best of my known in the stand that others me shox is checked , antal Geo-Technologie and the standard from	ple for supplying or obviledge and belief, nay rely on this represented in request Environments makes will be considered. Title: Date: SE collect a represent or the sampling information that it is a sampling information to the sampling information of the sampling information.	bteining the Furthermore, no esentation and warran intal Geo- sistent with the results entative 1-quart_sample expresentative sample mation in the spaces ental Geo-Technologi
attached documents. Based on my information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorrect the sample characterization and/or Printed Name Generator's Signature: GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application provided below. If you have problems representative. 1	reservation: Yes I	knowledge of those curate, and complete on misleading. I unscribed herein. If the rections Environments. CORD INSTR S WASTE PROFILE Rieds cited in 40 CFR tentative sample of the color. OINT	e individuals responsite to the best of my known to the best of my known to the substant that others me box is checked , antal Geo-Technologie DUCTIONS: PLEATORT using an appropage 1. Fill in the box is checked to the bo	ple for supplying or obviledge and belief, nay rely on this represented in request Environments makes will be considered. Title: Date: SE collect a represent or the sampling information that it is a sampling information to the sampling information of the sampling information.	bteining the Furthermore, no esentation and warran intal Geo- sistent with the results entative 1-quart_sample expresentative sample mation in the spaces ental Geo-Technologi

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Lakeland Laboratories, Inc.

8290 Pettysville Road Pinckney, MI 48169 Phone: (734) 878-3400 FAX: (734) 878-3981

Certificate of Analysis

Date: March 30, 2015

Project Name: Project Number: Submit Date:

Submit Date: 3/24/2015 Collection Date: 3/23/2015

3/24/2015

Customer:
Lab Sample ID:

Sample ID: 16: Alkaline Parameters	Algaecide Result	LRL	Units	∘ Method Reference	Analysis Date	Analyst
Flashpoint	DNF	200	٥F	SW846 1010	3/24/2015	EDW
рН	13.8	1-14		SW846 9045C	3/24/2015	LLW
TCLP Metals Analysis						
Arsenic	ND	0.5	mg/L	SW846 7060	3/30/2015	LLW
Barium	ND	0.5	mg/L	SW846 7081	3/30/2015	LLW
Cadmium	ND	0.5	mg/L	SW846 7130	3/27/2015	LLW
Chromium	ND	0.5	mg/L	SW846 7190	3/27/2015	LLW
Lead	ND	0.5	mg/L	SW846 7420	3/27/2015	LLW
Mercury	ND	0.1	mg/L	SW846 7471	3/27/2015	LLW
Selenium	ND	0.5	mg/L	SW846 7740	3/30/2015	LLW
Silver	ND	0.5	mg/L	SW846 7761	3/27/2015	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: Lani White

Date: 3/30/2015

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

RECENTIONS		
Date	4/8	115
Receiving ID#	9940	25
Manifest# Line:	'	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		····
Transporter .		
Time in		
Time out		
Received by	J.H Clie	,
Sampled by	Clie.	<u>ა</u> †-

EABINISTENZALONS AND SIGNAL AND SIGNAL SIGN				
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A		Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH (S.U.)	13.0		Sodium Chloride	
Cyanides? (mg/L)	230		Bicarbonate	
Sulfides? (ppm) ーしんち	T.A. Brown	J	Carbonate	
Specific Gravity	1.05		TDS	
Physical Description	1:00:0		Resistivity	
Stream Consistency	(Yes)	No	Sulfate	
Oil in Sample	Yes ((Mg)		·
Temperature	69°F			
Conductivity	85.3 m	S		
% Solids	6.8			
Turbidity	(Yês)	No		
Color (visual)	DK. Brow	N.		
T\$\$ (%)	40,1			
Radiation Screen (as needed)	Negative	. ^		
Lab Signature			$a(\Gamma, V)$	

REC04-01 - Page 1

	EGT Generator Waste Profile Profile# © © \$ \$
GENERATORINFORMATION	
Name:	USEPÁ ID#
Facility Address:	SIC/NAICS Code: State Code:
City	State: Zip Code:
Contact:	Phone Fax: ()
Company Name:	
Address:	
City:	State: Zip Code:
Attention:	Phone: Fax:
WASTE INFORMATION	
Name of Waste/Common Chemigal Name:	
Buttery Acid	
Process Generating Waste (Please be specific, incomple	ete information may delay the approval process):
Acid is Zemovee	Fren old batteries
And Stored in	TOTES
USEPA / STATE WASTE IDENTIFICATION	
This waste is considered to be: Non Hazard	ous Liquid Industrial Waste 🔯 Hazardous Waste
2. Regulated by TSCA? Tyes No (PCBs, etc.)	
3. List ALL Applicable Waste Codes: Doo 2	
PHYSICAL CHARACTERISTICS OF WASTE	
Cofor: Suspended Solids	Layers: Specific Gravity:
White/Clear	☐ Multi-Layered ☐ <0.8
Other	Single Phase Exact / Other 1:19 07:16,15
pH: □NA 💆 ≤ 2 □ 2 – 4 □ 4 – 6	6 − 8
Liquid Clark Pains III was seen III was seen III was	AND THE PROPERTY OF THE PROPER
raguid riasn Point: [] <73°F	-140°F ☐ 141 – 200°F ☐ >200°F ☐ None ☐ Closed Cup ☐ Open Cup
VOC CONCENTRATIONO	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
Surface Acis	fes %
	99 - 1 % 6 - 1 %
	- % %

A second of the				*
			, .	
			Waste Pr	fofile – Page 2
Metals: Indicate if this waste centains any of the Lab Analysis Generator Know	following metals,. If Gene ledge			
Not Concentration	Not <u>Concentration</u>	Arsenic (As)	1	pm ppm
Presegt E	resent	Barium (Ba)	D006	pmppm
PCB ppm Aromatic Amine ppm Pesticides	bbw	Cadmium (Cd) Chromium (Cr)	·	pmppm pm
Cyanides Reactiveppm Redenticides	ppm	Lead (Pb)	D008 < 5 p	pmppm
Cyanides Totalppm Fungicides Suifides Reactiveppm	[ppm	Mercury (Hg) Selenium (Se)		pmppm pmppm
Sulfides Totalppm	,	Sliver (Ag)	D011 □ < 5 p	pmppm
TCLP Organics D012 - D043 above regulatory limit	s: Present 🗌 Not Pres	ent 🗷		
IS WASTE ANY OF THE FOLLOWING?	At Least One Box Musi			
Radioactive Water Reactive Oxi				T Explosives
☐ NIOSH Human-Positive Carcinogens ☐ NE	SHAP Wastes (Benzene	etc.) 🔲 Bio	logical KJ Noi	ne Apply
		o o depota de maio color de la companio de maio de maio de maio de companio de		
ngumako ibilonesa tiobi		,	•	
SHIPPING INFORMATION 1. Is this a DOT Hazardous Material (49CFR 17)	2 101 & 173 Subnart D)?	ľaYes ⊡No		
Reportable Quantity (RQ) in pounds	Esta i di i i o cabpase a j.	₩4. ~~ □~	·	
- · · · · · · · · · · · · · · · · · · ·		. .	_	
3. DOT Shipping Name Ro WAS & Su	HURZ FEED	joent	Hazard Class Z	> UNNA [832
PGERGHazardous Constitue	ents for "n.o.s."_			·
4. Method of Shipment:	nker □Vac truck □R	ail Car Drums	☑Totes	
5. Number of Units to Ship Now:		/olume / Units per Yea	r	or 🔲 One Time
Special Handling Requirements including PPE				and the control of th
CERTIFICATIONSTATEMENT			•	
I hereby represent and warrant that I have person	solk/avanimant and am fa	miliar with the informa	tion contained and sub	mitted in this and all
attached documents. Based on my inquiry and p				
information, the information contained herein is tr				
material fact has been omitted as to make this inf in the handling and processing of the waste mate	rormation misleading. Tu rial described herein. If t	nderstand that others his box is checked	may rely on this repres 11 request Environmen	antation and warranty Ital Geo-
Technologies not to correct any inconsistencies.	Any corrections Environr	nental Geo-Technolog	ies makes will be cons	istent with the results
of the sample characterization and/or regulatory r	equirements.).		
Printed Name:		}	Title:	·
Generator's Signature:		ť	Date:	
GENERATOR'S CHAIN OF CUSTO	DY RECORD INST	RUCTIONS: PL	EASE COllect a represen	tative 1-quart sample
the waste described in the above referenced GEN	ERATORS WASTE PROFILE	REPORT using an appr	opriate container. A re	presentative sample is
one obtained using any of the applicable sampling provided below. If you have problems obtaining a	g methods cited in 40 CF	R 261-Appendix 1. Fl	II in the sampling information to the contract your Fourteening in the contract was a second contract to the c	nation in the spaces antal Geo-Technologis
representative.	rebressments semble (, your waste, precise (Sittle in the American particularity	and Con-Todarorogic
A A A A A A A A A A A A A A A A A A A	*NO \$455105			
1.2. SAMPL	ING METHOD I POINT	·	·	İ
· ·			٠.	į
3. SAMPLE COLLECTOR'S NAME, TITLE, EMI	PLOYER	·		
		- I		

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

(Signature)

No □

Preservation: Yes □

FINGERPRINT FORM



ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

KECEIVING & APPROV	AL FOR	KIMI:	
RECEIVANCEMENTALION			
Date	4/15/	<i>1</i> 5	
Receiving ID# 男。	ttery	Acid	
Manifest# Line:			
Land Ban Cert included	Yes	_ No	•
EGT Approval #		,	
Generator			
Client			
Transporter			
Time in			
Time out			
Received by	J.H.		
Sampled by	Clien	st	

EBUTEORY TOO. 2		alicite parios con la servicio de la companya della companya de la companya della
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.)	(<u>CO.</u>)	Sodium Chloride
Cyanides? (mg/L)	4 30	Bicarbonate
Sulfides? (ppm)	4 200	Carbonate
Specific Gravity	1.19	TDS '
Physical Description	liau:0	Resistivity
Stream Consistency	Yes No	Sulfate
Oil in Sample	Yes (Vo)	
Temperature	59°F	
Conductivity	> 400,0 ms	
% Solids	10.6	
Turbidity	Yes (No)	
Color (visual)	Calos less	
TSS (%)	(0.)	
Radiation Screen (as needed)	Negodive	
Lab Signature	J	de 8 / M
	REC04-01 - 16 ag	re 1

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC 2847O Citrin Dr, Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002

Generator Waste Profile

				<u> </u>	
GENIERATOR INFORMATION					
Name:			USEPAID#		
Facility Address:			SIC/NAICS Code	e:State Cod	e:
City: _		The second secon	State:	Zip Code:	
Contact:	Title	Phone		Fax	
BILLING INFORMATION		SAME AS A	BOVE		
Company Name: < 5 Non-					. •
Address:	·	······································			
City:			_State:	Zip Code:	
Attention:	·	Phone: (>	Fax: ()	
NASTE INFORMATION				•	
Name of Waste/Common Chemic			•		
C4 NOME STATE LIA	vig				
Process Generating Waste (Please be sp CHROME STRIP LIQU	pecific, incomplete リカーく34a)		delay the approval	process): ATERIAL 3 (* Augsta
phosphaes			Ja Pa w	are e ne , a	-nusire
					
· · · · · · · · · · · · · · · · · · ·					
ISEPA / STATE WASTEIDENTIFICATION	ON				
	 ☐ Non Hazardous	Liquid Industria	Waste X H	lazardous Waste	•
Regulated by TSCA? TYes MNo		•	. —		
List ALL Applicable Waste Codes: 20		2008			<u> </u>
HYSICAL CHARACTERISTICS OF WA	STE	n thay I mad a land a la bha a dag bagan la garan a bha 'a			
Color: Suspended : White/Clear 20-1 % Black/Brown 1-3 % Other 1000		Layers: Multi-Li Bi-Layer Single	ayered	cific Gravity:	acceptable
4: □NA □≤2 □ 2-4] 6-8 [] 8 - 10 [] 10 -	12.5 🛛 > 12.5	07./6,/5
					•
quid Flash Point: 473°F 73 - 10	00°F 🗍 101 140	PF □ 141 - 2	00°F ∑ >200°F	None Closed	Cup 🗌 Open Cup
OC CONCENTRATION -	-0-	PPM (MUST BE CC	MPLETED)		
TAL COMPOSITION OF WASTE - MUS	ST BE EQUAL TO OR G	REATER THAN 10	0% (LIST EACH CONS	STITUENT >/= 0.1%)	
NSTITUENT		AX MIN	CONSTITUENT		WAX_MIN
CHRONIE ARIO		- 6 % _			
Phisphage		2- <u>*</u> %_	<u>;</u>		
		% <u></u>	-		

Metals: Indicate if this waste conta				Waste Profile - Pa	<u> </u>
☐ Lab Analysis ☐ ☐ Gen	ains any of the following arater Knowledge	ng metals,. If Generals	or knøwledge-provide back VTCLP TOTAL	esp 1	
Dioxins ppm F Cyanides Reactive ppm F Cyanides Total ppm F Sulfides Reactive ppm F Sulfides Total ppm Sulfides Total ppm	Aromatic Amine II Pesticines II Rodenticides II Fungicides II	Concentration ppm ppm ppm ppm ppm	Arsenic (As) D004 Bartum (Ba) D005 Cadmium (Cd) D006 Chromlum (Cr) D007 Lead (Pb) D006 Meroury (Hg) D006 Setenium (Se) D016 Silver (Ag) D011	5	ppr ppr ppr ppr ppr ppr
TCLP Organics D012 - 0043 above i	regulatory limits: Pres	sent 🗌 Not Present []		
IS WASTE ANY OF THE FOLLOW Radioactive	Ive Oxidizer	st One Box Must Be Shock S Vastes (Benzene, etc.	ensitive 🔲 Reactive (o	ther) ☐ DOT Explosive	
SHIPPING INFORMATION	· ·	rementalise and an organization of the de States and an admiration	n na dia kanangan sa na		
1. Is this a DOT Hazardous Materia		173 Subpart D)?	ØVes □No		
1.4			, — —	Nos	
2. Reportable Quantity (RQ) in pour 3. DOT Shipping Name RQ W	/Aste Comos.	je Liami, bi	SIC INON A MIT	rd Class 8 / UNNA	32
O. D. F. C. R. P. F. C.			naza	UNINA	
PG ERG Hazard	done dellamacina ioi	11.0.0.		·	····
4. Method of Shipment	⊡ ≝ulk Tanker □	Vac truck □Rall C	ar Drums Dotes		
5. Number of Units to Ship Now:		6. Anticipated Volun	ne / Units per Year	<u>8'</u> or □	One -
Special Handling Requirements i	ncluding PPE:				
CERTIFICATION STATEM					
hereby represent and warrant that I	I have personally exa	mined and am familia	r with the information cor	itained and submitted in ti	.t
and of the comments. Dasget of this	niquity and personal	viiomiedāa oi mose ii	CAVICIDES RESDURSIDIE IDI	numbifing or abandon - et -	ns en
information, the information contains	ou notonino nuel ena	urate, and complete t	the best of my knowleds	supplying or obtaining the	
information, the information contains material fact has been omitted as to	make this information	n misleading. Í undel	o the best of my knowled; stand that others may re	ge and belief. Furthermon ly on this representation ar	e, no
information, the information contains material fact has been omitted as to in the handling and processing of the	make this information e waste material desc	n misleading. Í undel cribed herein. If this i	o the best of my knowled; stand that others may releax is checked [], I requi	ge and bellef. Furthermon ly on this representation ar est Environmental Geo-	e, no nd wa
information, the information contains material fact has been omitted as to in the handling and processing of the echnologies not to correct any inco	make this information e waste material desc nsistencies. Any con	n misleading. Í unde críbed herein. If this i rections Environment	o the best of my knowled; stand that others may releax is checked [], I requi	ge and bellef. Furthermon ly on this representation ar est Environmental Geo-	e, no nd wa
information, the information contains material fact has been omitted as to in the handling and processing of the echnologies not to correct any incol of the sample characterization and/o	make this information e waste material desc nsistencies. Any con	n misleading. Í unde críbed herein. If this i rections Environment	o the best of my knowled, stand that others may release is checked [], I requal Geo-Technologies make	ge and belief. Furthermon ly on this representation all est Environmental Geo- res will be consistent with	, . e, no nd wa
information, the information contains material fact has been omitted as to in the handling and processing of the echnologies not to correct any income the sample characterization and/or printed Name:	make this information e waste material desc nsistencies. Any con	n misleading. Í unde críbed herein. If this i rections Environment	o the best of my knowled; stand that others may release is checked ., I requal Geo-Technologies mak	ge and belief. Furthermon ly on this representation at est Environmental Geo- tes will be consistent with	e, no nd wa
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information, the information contains material fact has been omitted as to in the handling and processing of the echnologies not to correct any incoming the sample characterization and/or inted Name:	make this information e weste material desinsistencies. Any con regulatory requirem	n misleading. I unde cribed herein. If this i rections Environment ents.	o the best of my knowled; stand that others may release is checked ., I requal Geo-Technologies make	ge and belief. Furthermon ly on this representation at est Environmental Geo- tes will be consistent with te:	e, no nd wa
information, the information contains material fact has been omitted as to in the handling and processing of the fechnologies not to correct any incorp the sample characterization and/or printed Name: Generator's Signature GENERATOR'S CHAIN OF the waste described in the above reference.	make this information waste material description regulatory requirem CUSTODY RE Perenced Generators	n misleading. I under cribed herein. If this in ections Environment ents. CORD INSTRU Waste Profile Repo	o the best of my knowled; stand that others may release is checked [], I required Geo-Technologies maked []. Title Da	ge and belief. Furthermon by on this representation at est Environmental Geo- tes will be consistent with te: lect a representative 1-qua container. A representative	e, no nd wa the re- art sain
information, the information contains material fact has been omitted as to in the handling and processing of the echnologies not to correct any incomit the sample characterization and/or printed Name: SENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application.	make this information waste material description makes this information waste material description regulatory requirem CUSTODY RE exerced Generators while sampling method	n misleading. I under cribed herein. If this in rections Environment ents. CORD INSTRU Waste Profile Repo	c the best of my knowled; stand that others may reject is checked [], I required Geo-Technologies maked []. Title Da CTIONS: PLEASE colors using an appropriate of 1-Appendix 1. Fill in the	ge and belief. Furthermonly on this representation at est Environmental Geotes will be consistent with teachers. Ject a representative 1-quadrontainer. A representative sampling information in the	e, no nd wat the re- art sam e sam e space
information, the information contains material fact has been omitted as to in the handling and processing of the echnologies not to correct any incomplete sample characterization and/or printed Name: Senerator's Signature SENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application rovided below. If you have problems	make this information waste material description makes this information waste material description regulatory requirem CUSTODY RE exerced Generators while sampling method	n misleading. I under cribed herein. If this in rections Environment ents. CORD INSTRU Waste Profile Repo	c the best of my knowled; stand that others may reject is checked [], I required Geo-Technologies maked []. Title Da CTIONS: PLEASE colors using an appropriate of 1-Appendix 1. Fill in the	ge and belief. Furthermonly on this representation at est Environmental Geotes will be consistent with teachers. Ject a representative 1-quadrontainer. A representative sampling information in the	e, no nd wat the re- art sam e sam e space
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information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorp of the sample characterization and/or Printed Name: GENERATOR'S CHAIN OF the Waste described in the above reference obtained using any of the application of the presentative. SAMPLING METHOD SAMPLE COLLECTOR'S NAME, Sample No. Proceeding the process of th	make this information is waste material descriptions. Any confirmation regulatory requiremental descriptions of the sampling methods obtaining a representation of the sampling method is obtaining a representation.	n misleading. I under cribed herein. If this is rections Environment ents. CORD INSTRU Waste Profile Reports cited in 40 CFR 26 entative sample of your mint.	othe best of my knowled, stand that others may reject is checked [], I required Geo-Technologies maked Geo-Technol	ge and belief. Furthermonly on this representation allest Environmental Geotes will be consistent with the decidence of the consistent with the decidence of the container. A representative sampling information in the cour Environmental Geo-T	e, no nd wa the re art sai e sam e spac echno

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FINGERPRINT FORM



Environmental Geo-Technologies, LLC.

RECEIVING	8	APP	ro\	/AL	FORM
ANGEL CONTRACTOR OF THE PROPERTY OF THE PROPER	may dalla	BOOK STORES STORES	awa esianisa ana	Maria de Arricha de Carrio	

SECENTIFICATION!		
Date	4/15/	15
Receiving ID#	Chrome	5tr 20
Manifest# Line:	,	
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter .		'
Time in		
Time out		
Received by	J.H.	
Sampled by	Clies	}

LACTIFICATION AND A STATE OF THE STATE OF TH		
Compatible? (RT#)	(Yes) No	Barium
PCBs (ppm)(Oily Waste		
Only)?	NIA	Calcium
TOC (ppm)(CC Waste Only)?	N/A	Total Iron
Flash Point (°F)) 140	Magnesium
pH (S.U.)	13.3.	Sodium Chloride
Cyanides? (mg/L)	630	Bicarbonate
Sulfides? (ppm)	L 200	Carbonate
Specific Gravity	1.10	TDS
Physical Description	liavid	Resistivity
Stream Consistency	√es No	Sulfate
Oil in Sample	Yes (No)	
Temperature	64°F	
Conductivity	108.5 5	
% Solids	15.4	,
Turbidity	Yes (No)	
Color (visual)	Yellow	
TSS (%)	40.1	& A
Radiation Screen (as needed)	Negative	
Lab Signature		118124
	REC04-01 - Pag	3e 1/

28470 Citrin Dr, Romulus, MI 48174. Telephone	734 946 1000. Fax	(734 946 1002	Generator Was <u>Profile #</u>	
GENERATORINEORMATION			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Name:		USEPAID#_		
Facility Address:		SIC/NAICS Cod	e:State Code:	
City:		State:	Zip Code:	
Contact:	Phone:		Fax	
BILLING INFORMATION	SAME AS A	BOVE		
Company Name:		- •		
Address:				
City:		State:	Zip Code:	
Attention:	Phone: ()	Fax:()	<u>.</u> .
Process Generating Waste (Please be specific, incomp	plete information may		process):	
Sepa / STATE WASTE IDENTIFICATION This waste is considered to be:	Vifraff S	olution.	process):	
Sodium Sodium Sepa / State Waste Identification This waste is considered to be: Non Hazar Regulated by TSCA? Yes Mo (PCBs, etc.) List ALL Applicable Waste Codes: 0294	Vifraff S	olution.		
ISEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Regulated by TSCA? Yes Mo (PCBs, etc.) List ALL Applicable Waste Codes: 1296 HYSICAL CHARACTERISTICS OF WASTE	Wifraff S	Waste	lazardous Waste	
Sepa / State Waste Identification This waste is considered to be: Regulated by TSCA? Yes Mo (PCBs, etc.) List ALL Applicable Waste Codes: 0294	Vifraff S	Waste Spengered <0.8 ared 0.8 ared 0	lazardous Waste	apelle Assis
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Non Hazara Regulated by TSCA? Yes No (PCBs, etc.) List ALL Applicable Waste Codes: 0 29 L HYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids White Clean 0-1 % 3-5 % Black/Brown 1-3 % > 5% Other 0-1 % 3-5 %	dous Liquid Industrial Layers: Multi-La Bi-Laye Single F	Waste Spengered <0.8 ared 0.8 ared 0	cific Gravity; 1.0 - 1.2 -1.0 1.3 - 1.4 Other 0	Calle 438,15
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Regulated by TSCA? Yes Mo (PCBs, etc.) List ALL Applicable Waste Codes: HYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids White Clean Black/Brown 1-3 % 3-5 % 1-3 % > 5% Signature NA	dous Liquid Industrial Layers: Multi-La Bi-Laye Single F	Waste Fact / Special Column Special	cific Gravity; 1.0 - 1.2 -1.0 1.3 - 1.4 Other 0	Cedille Andres
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Regulated by TSCA? Yes No (PCBs, etc.) List ALL Applicable Waste Codes: O 2.9 L HYSICAL CHARACTERISTICS OF WASTE Color: Suspended Scilids White Clean 0-1 % 3-5 % Black/Brown 0-1 % 3-5 % Black/Brown 0-1 % 3-5 % Other 1-3 % 0 > 5% Other 1-3 % 1-3 % 1-3 % 1-3 % Image: NA	dous Liquid Industrial Layers: Multi-La Bi-Laye Single F	Waste Fact / Special Color	lazardous Waste ciric Gravity: □ 1.0 - 1.2 -1.0 □ 1.3 - 1.4 Other □ 2.5	Open Cup
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Regulated by TSCA? Yes No (PCBs, etc.) List ALL Applicable Waste Codes: O 29 L HYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids O-1 % 3-5 % 3-5 % Black/Brown 1-3 % >5% Other 1-3 % 3-5 % Other 1-3 % 3-5 % Other 1-3 % 1-3 % 1-3 % I NA < 2 2 - 4 4 - 6 Quild Flash Point: <73°F 73 - 100°F 101 - 00°C CONCENTRATION 00°C Layers: Multi-La Bi-Layers: Single F	Waste	lazardous Waste cific Gravity:	Open Cup	
Sepa / State Waste Identification This waste is considered to be: Regulated by TSCA? Yes Mo (PCBs, etc.) List ALL Applicable Waste Codes: 0 29 L HYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids 0-1 % 3-5 % 3-5 % 1-3 % 3-5 % 5-5 % Black/Brown 0 1-3 % 3-5 % 3-5 % 1-3 % 3-5 % 1-3	Layers: Multi-La Bi-Layers: Single F	Waste	lazardous Waste cific Gravity:	Open Cup

EGT - 28470 Citrin Drive - Romi	dus - MI - 481	74	·			Waste Pro	file – Page 2
Metals: Indicate if this waste conta	ins any of the fo erator Knowled	liowing metals,.	If Generator know	rledge-provid LP ∏TC	e backup DTAL		
Dioxine	No Pre- romatic Amine G esticides G odenticides G ungicides G	ent I ppm I com	Ba Ca Ch Lei Me Sei	senic (As) rium (Ba) dmium (Cd) romium (Cr) ad (Pb) rcury (Hg) enium (Se) ver (Ag)	D004 D005 D006 D007 D008 D009 D010 D011	7 < 5 pp p	m — ppm m — ppm m — ppm m — ppm ppm m — ppm ppm ppm ppm
TCLP Organics D012 - D043 above re		Present 🗌 No	t Present 💢		an .		•
☐ Radioactive ☐ Water Reacti ☐ NI OSH Human-Positive Carcinog	ve 🔲 Oxidiz	er 🗀	Must Be Checke Shock Sensitive zene, etc.)			n) DOT None	Explosives Apply
SHIPPING INFORMATION				·			•
 Is this a DOT Hazardous Materia Reportable Quantity (RQ) in pour 		01 & 173 Subper	fD)? DaYes	□No			
3. DOT Shipping Name WA: L		N. tank	Sold.	>	Hazard	Class 5.1	(IN)NA 1499
PG ERG Hazard	lous Constitueni	s for "n.o.s."					
4. Method of Shipment:	□Bulk Tanke	r ∐Vac truck	□Rail Car □	Orums ☐	Totes		
Number of Units to Ship Now: Special Handling Requirements in	cluding PPE:	6. Antidpa	ted Volume / Uni	ts per Year.			or
CERTIFICATION STATEM	ENT						
I hereby represent and warrant that I attached documents. Based on my I information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incore of the sample characterization.	nquiry and perso d herein is true, make this inform waste material	onal knowledge a accurate, and constion misleading described herei	of those individua omplete to the bo g. I understand to n. If this box is c	als responsib est of my kno hat others m hecked ∐, I	ole for su owledge lay rely o l request	pplying or obt and belief. Fu in this represe Environments	aining the irthermore, no intation and warranty al Geo-
Printed Name:					_ Title:		
Generator's Signature:	····		<u></u>		Date:		
GENERATOR'S CHAIN OF the waste described in the above refe one obtained using any of the applica provided below. If you have problems epresentative.	renced GENERA ble sampling me	rors Waste Pro ethods cited in 4	FILE REPORT USIT D CFR 261-Appe	ng an approp Indix 1. Fill i	riate con n the sar	tainer. A rep	esentative sample is ition in the spaces
1. GAB 2 SAMPLING METHOD 3.	COLLECTION		ene	-		-	
SAMPLE COLLECTOR'S NAME,	title, emplo	YER			-		
-	eservation: Y			L	 -	<u></u>	
5. CHAIN OF CUSTODY Each per Refinguished by:	son who handle	s the sample m	ıst sign below w		ple pass		
(Signature)	Date	Time		eived by: mature)		Date	Thre
					AV		

RECEIVING & APPROVAL FORM

BRECEIVANGINE OR WATHONG		
Date	4/17/	15
Receiving ID#	357 JU	bibites
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	」、け、	
Sampled by	Client,	7

DESPITEDEMENTALES			Official Brings on Vis	
Compatible? (RT#)	(Ýeš)	No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/A		Calcium	
TOC (ppm)(CC Waste Only)?	NA		Total Iron	
Flash Point (°F)		40	Magnesium	
pH (S.U.)	9.4		Sodium Chloride	
Cyanides? (mg/L)	< 3	0	Bicarbonate	
Sulfides? (ppm)		<u>200</u>	Carbonate	
Specific Gravity	1.03))	TDS	
Physical Description	1:00	<i>78</i>	Resistivity	
Stream Consistency	Ves (No	Sulfate	•
Oil in Sample	Yes	(NO)		
Temperature	70°F			
Conductivity	24.1 m	5	· · · · ·	
% Solids	2.5	•		-
Turbidity	Yes)	No		
Color (visual)	Brown			
TSS (%)	<0	4		
Radiation Screen (as needed)	Near	17:UE	$\Lambda / \Omega $	
Lab Signature	U.		40/	K

RECO4-01 -- Page 1

ENVIRONMENTAL GEO-TECHNOLOG 28470 Citrin Dr, Romulus, MI 48174. Telept	hone 734 946 1000. Fax 734 946 1002	Generator Waste Profile # OのG4
GENERATOR INCOME	*	
Name:	USEPA ID#	
Facility Address	7	
City:	SIC/NAICS Cod	
Conlact:	State:	Zip Code
BILLING INFORMATION	Aone SAME AS ABOVE	Fax
Company Name:	L] DAME AO ABOYE	
Address:		
City:		
Attention:	State	Code:
Arrest Michigan		Fax: ()
vaste information	3/3-	724-8600
lame of Waste/Common Chemical Name		
Hudan dans 11	· ·	·
Hydrodemolition Water rocess Generaling Waster Please be specific income Hydrodemolition of conc	principle Indicate all the appearance are the second	process):
rocess Generaling Waste (Please be specific for	omplete information may delay the approval	process):
rocess Generaling Waste Please be specific, incl Hydrochem olitron & come	omplete information may delay the approval	process):
rocess Genéraling Waste (Please be specific, income Lychrochew of the covered covered to the covered covered covered to the covered covered to the covered covered covered to the covered covered covered covered covered to the covered cov	omplete information may delay the approval	
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Regulated by TSCA?	zardous Liquid Industrial Waste	process):
rocess Genéraling Waste (Please be specific, income Lychrochew of the covered covered to the covered covered covered to the covered covered to the covered covered covered to the covered covered covered covered covered to the covered cov	zardous Liquid Industrial Waste	
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Regulated by TSCA? List ALL Applicable Waste Codes	zardous Liquid Industrial Waste	
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Regulated by TSCA? List ALL Applicable Waste Codes YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids	zardous Liquid Industrial Waste	azardous Waste
SEPA / STATE VVASTE IDENTIFICATION This waste is considered to be: Shion Haz Ragulated by TSCA? Tyes Tho (PCBs st List ALL Applicable Waste Codes TO CO YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids SWhite/Clear TO-1 % T3-5 %	zardous Liquid Industrial Waste	azardous Wasie
SEPA / STATE VVASTE IDENTIFICATION This waste is considered to be: Sion Haz Regulated by TSCA? Tyes Tho (PCBs et List ALL Applicable Waste Codes) YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids SWilterClear Total Black/Brown Total	zardous Liquid Industrial Waste	flic Gravity: 2 copylight 2
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: List ALL Applicable Waste Codes YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Politic Clear 10-1 % 13-5 %	zardous Liquid Industrial Waste	flic Gravity: 1 1.0 - 1.2 1 1.3 - 1.4 ther
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Shon Haz Regulated by TSCA? See Sho (PCBs; et List ALL Applicable Waste Codes) YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids White/Clear Suspended Solids White/Clear Suspended Solids Switch See Show See Show See See See See See See See See See Se	zardous Liquid Industrial Waste	fic Gravity: 1.0 - 1.2
SEPA / STATE VVASTE IDENTIFICATION This waste is considered to be: Shion Haz Regulated by TSCA? Tyes Tho (PCBs et List ALL Applicable Waste Codes Tyes Color: Suspended Solids SWhitterClear The Suspended Solids SWhitterClear The Suspended Solids SWhitterClear The Suspended Solids SWhitterClear The Suspended Solids Other The Suspended Solids SWhitterClear The Suspended Solids SWHITTER SUSPENDED THE SUSPE	zardous Liquid Industrial Waste	fic Gravity: 1 1.0 - 1.2 1 1.3 - 1.4 ther 12.5
SEPA / STATE WASTE IDENTIFICATION This waste is considered to be: Shon Haz Ragulated by TSCA? IVes INO (PCBs; et List ALL Applicable Waste Codes) YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Whitte/Clear ID-1 % ID-5 % I Black/Brown ID-3 % ID-5 % I NA ID < 2 ID 2 - 4 ID 4 - 6 Identificable Point: ID-73°F ID-73 - 100°F ID-10 CONCENTRATION	zardous Liquid Industrial Waste	flic Gravity: 1 1.0 - 1.2 1 1.3 - 1.4 ther 12.5
SEPA / STATE VVASTE IDENTIFICATION This waste is considered to be: Shon Haz Regulated by TSCA? Tyes Tho (PCBs et List ALL Applicable Waste Codes) YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids SWhite/Clear To-1 % T3-5 % Black/Brown T-3 % T-3 % T-5 % I Other T-2 T-3 % T-6 % AL COMPOSITION OF WASTE - MUST BE EQUAL	zardous Liquid Industrial Waste	flic Gravity: 1 1.0 - 1.2 1 1.3 - 1.4 ther 12.5
SEPA / STATE VVASTE IDENTIFICATION This waste is considered to be: Shion Haz Regulated by TSCA? Tyes Tho (PCBs et List ALL Applicable Waste Codes Tyes Color: Suspended Solids SWhitterClear The Suspended Solids SWhitterClear The Suspended Solids SWhitterClear The Suspended Solids SWhitterClear The Suspended Solids Other The Suspended Solids SWhitterClear The Suspended Solids SWHITTER SUSPENDED THE SUSPE	zardous Liquid Industrial Waste	Sizerdous Wasie fic Gravity: ☐ 1.0 - 1.2 ☐ 1.3 - 1.4 ther

	<u> </u>	<u> </u>					
Metals: indicate if this weste o	contains any of the	# following make	lls If Generator i	mesiadea event	<u>-</u>	Yaste Pro	<u> </u>
		ledge	Ľ	TCLP	DTAL 1		
PCB Present Present PCB Present PCB Present Ppm Ppm Ppm Ppm Ppm Ppm Sulfides Reactive Ppm Sulfides Total Ppm Sulfides Total Ppm Sulfides Total Ppm	Aromatic Amine Pesicides Rodenticides	Not Concent Present ppr ppr ppr ppr	; }	Arsenic (As) Batium (Ba) Cadmium (Cd) Chromium (Cr) Lend (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D005 D006 D007 D008 D009 D009 D009 D009 D009 D009 D009	< 5 ppm <100 ppm < 1 ppm < 5 ppm < 5 ppm < 0.2 ppm < 1 ppm < 5 ppm	
TCLP Organies D012 - D043 abo		e: Present 🗌	Not Present 🔲		PVII EJ -	< 6 ppm	ppm
IS WASTE ANY OF THE FOLLO Radioactive Water Re NIOSH Human-Positive Caro	active III cons	J3	30x Musi Be Che Shock Sensi Berizene, etc.)		live (other)	E3 TOQ [] A enok(X	phili xhiosinos
SHIPPING INFORMATION							
1. Is this a DOT Hazardous Water	orial (49CFR 172,	.101 & 173 Sub	part D)?	es Milo			
z. reportable Quantity (RQ) in p	ounds						
8. DOT Shipping Name Was	te Alain	posive	- Mile	e 50-1	Harani Al	<i>65</i> 5 4	Wha 1760
PG ERG Hezz	ardous Consilius	O nate for an a a a			TRZBIO CIOSS	_ (UNINA J 760
4. Mathod of Shipment:		-				······································	·. · · · · · · · · · · · · · · · · · ·
	□Bulk Tank	er DVac Iruck	Raficer []Drums 🔲 T	ptes		
 Number of Units to Ship Now: Special Handling Requirements 	s including PPE:	6. Anticl	pated Volums / L	Inits per Year:_		· · · · · · · · · · · · · · · · · · ·	or One Time
JANA CAN SAN MANY MANY AND A		CONTRACTOR OF THE PARTY OF THE PARTY.					
GERTIFICATION STATES	MENT						
CERTIFICATION STATE! I hereby represent and warrant the attached documents. Based on my information, the information containmaterial fact has been omitted as in the handling and processing of the sample characterization and/	it i have personal y inquiry and pers ned herein is true to make this infon he water materia	, accurate, and mation mislead if described her	complete to the ing. I understand	the information uals responsible best of my know that others me	/iedge and bel viely on this r	or coleini lef. Furth	ng the Simore, no Kannad was
i hereby represent and warrant the attached documents. Based on my information, the information contail material foot has been aways.	it i have personal y inquiry and pers ned herein is true to make this infon he water materia	, accurate, and mation mislead if described her	complete to the ing. I understand	the information uals responsible best of my know that others man checked [], i re -Technologies (ited supplying fields and be yelly on this request Engine makes will be	or coleini lef. Furth	ng the Simore, no Kannad was
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I hereby represent and warrent the attached documents. Based on my information, the information contains material fact has been omitted as in the handling and processing of the handling and processing of the sample characterization and/Printed Name: Generator's Signature: GENERATOR'S CHAIN Of the weste described in the above representative. 1. 2. SAMPLING METHOD SAMPLE COLLECTOR'S NAME 4. Sample No. p. 6. CHAIN OF CUSTODY Each per people of the processing of the processi	ti i have personality inquiry and personality inquiry and personality inquiry and personality inquiry and personality inquiry requirements. Any of regulatory requirements of the control	RECORD TORS WASTE PRESIDENT NO POINT YER BY ACCURATE AND INCOME.	complete to the ing. I understand ing. I underst	in the information tals responsible best of my know that others may checked [], I make the checked []. I make the checked [] is a proposition of the contact	dedge and bel y rely on this resquest English makes will be Title: Date: Date: Collect a represent the sampling frost your Environment of your Environment passes from a passes from a sampling the sampling frost your Environment of your Environ	or openilief. Further presental imenial Goodstend	ag the sample, no lion and warranty leo- leo- t with the results 1-quart sample or in the spaces lieo- Technologies
I hereby represent and warrent the attached documents. Based on my information, the information contains material fact has been omitted as in the handling and processing of the handling and processing of the sample characterization and/Printed Name: Generator's Signature: GENERATOR'S CHAIN Of the weste described in the above representative. 1. 2. SAMPLING METHOD SAMPLE COLLECTOR'S NAME 4. Sample No. p	ti i have personality inquiry and personality inquiry and personality into make this infonsite in the waste material consistencies. Any of regulatory requirement of the material interpretation of the material interpre	RECORD TORS WASTE PRESIDENT NO POINT YER BY ACCURATE AND INCOME.	complete to the ing. I understand ing. I underst	the information tals responsible best of my know that others met checked [], I re-Technologies () [] [] [] [] [] [] [] [] [] [] [] [] []	dedge and belly rely on this resquest English makes will be Title: Date: Collect a represente container: the sampling frost your Environment	or openilief. Further presental information of the presentative as estative as especial formation inmental G	ng the sample, no lion and warranty leo- leo- leo- leo- leo- leo- leo- leo-

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

Generator Waste Profile

GENERATOR INEOPMATION	
Name:	USEPA ID#
Facility Address:	SIC/NAICS Code: State Code:
City:	State: Zip Code:
Contact:	Phone: Fax
BILLING INFORMATION	SAME AS ABOVE
Company Name: _	
Address:	
City:	State: Zip Code:
Attention:	Phone: Fax
WASTE INFORMATION	
Name of Waste/Common Chemical Name:	
Fire Suppression Dike Water Process Generating Waste (Please be specific, incomp	ericto information wave delegation or property in the second
	ary containment of chromated copper arsenate solution tanks
and various oil bearing equipment	
4	
USEPA / STATE WASTE IDENTIFICATION	
	rdous Liquid Industrial Waste X Hazardous Waste
 Regulated by TSCA?	
Meader on the North Control of the C	¥ 1007
PHYSICAL CHARACTERISTICS OF WASTE	
Color: Suspended Solids ☐ White/Clear ☐ 0-1 % ☐ 3-5 %	Layers: Specific Gravity: ☐ Multi-Layered ☐ <0.8 ☐ 1.0 - 1.2
☐ Black/Brown ☐ 1-3 % ☐ > 5% ☑ Other Light Green	☐ Bi-Layered ☐ 0.8 -1.0 ☐ 1.3 - 1.4 ☐ ☐ Single Phase Exact / Other ☐ ☐ 0.4 21 15
pH: □NA □≤2 □ 2-4 図 4-6	□ 6-8 □ 8-10 □ 10-12.5 □ ≥12.5
Liquid Flash Point: 73°F 73-100°F 101	-140°F
VOC CONCENTRATION - 0	PPM (NUST BE COMPLETED)
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO	TO OR GREATER THAN 100% (LIST EACH CONSTITUENT >/= 0.1%)
CONSTITUENT	MAX MIN CONSTITUENT MAX MIN
Fire Suppression Water Chromic Acid	100 - 98 % %
Arsenic Acid Copper Oxide	1 - 0 %
Oil Oil	1 - 0 % 2 - 0 % %

PCB ppm Aromatic Amine ppm Cadmium (Cd) ppm 2.2-2.5 ppm Cadmium (Cd) ppm 0.038 ppm 0.038 ppm Chromium (Cr) ppm Cadmium (Cr) ppm 0.038 ppm 0.038 ppm Chromium (Cr) ppm Cadmium (Cr) ppm 0.038 ppm 0.0	EGI - 284/U Cittin Drive - Romi	<u> uus = </u>	74	· · · · · · · · · · · · · · · · · · ·		Waste Pro	řile – Page 2
Net Concordination Net Concordination Net Concordination Page 1 Page 2 Page 3 Point Report	Metals: Indicate if this waste conta	ins any of the foi	llowing metals,.	If Generator knowledg	je-provide backu		
Present Pres					LITOTAL		
Down							
Downstein Color Downstein			· · ·				1 2 <u>2-25 ppm</u>
Septiment Sept		esticides II				1 ppr	0.038 ppm
Symmotes Poted		odenticides	i oom			다 o pp	
Selection (Se) D010		ungicides 🏻	ppm				***************************************
Silver (Ag) D011		•				10 < 1 pm	
SWASTE ANY OF THE FOLLOWING? At Least One Box Must Be Checked. Reactive (other)	Stillides total Til bbu			Silver (/	Ag) D011		v F. 42
Reactive Water Reactive Oxidizer Shock Sensitive Reactive (other) DOT Explosives NIOSH Human-Positive Carcinogene NESHAP Wastes (Benzene, etc.) Biological None Apply	CLP Organics D012 - D043 above r	agulatory limits:	Present 🗌 No	Present 2			
Reactive Water Reactive Oxidizer Shock Sensitive Reactive (other) DOT Explosives NIOSH Human-Positive Carcinogens NESHAP Westes (Benzene, etc.) Biological None Apply	S WASTE ANY OF THE FOLLOW	NG? A	t Least One Box	Musi Be Checked.	andre de la company de la comp	gregogyana angusaran sali selektrologian bisan bis	
NICSH Human-Positive Carcinogens NESHAP Wastes (Benzens, etc.) Biological None Apply			er 🗀	Shock Sensitive	Reactive (oth	ier) DOT	Explosives
SHIPPING INFORMATION Is this a DOT Hezardous Material (49CFR 172.101 & 173 Subpart D)? Reportable Quantity (RQ) in pounds	☐ NIOSH Human-Positive Carcino	gens NESH	AP Wastes (Ben				
Is this a DOT Hazardous Malerial (49CFR 172.101 & 173 Subpart D)? Reportable Quantity (RQ) in pounds					C Propries	M MON≢	whhis
Is this a DOT Hazardous Malerial (49CFR 172.101 & 173 Subpart D)? Reportable Quantity (RQ) in pounds	NATIONALO DALEODA A TION	0		All the second sections and the second section section section section section section section section section		·	
Reportable Quantity (RQ) in pounds		•)1 & 173 Subosi	† D)/2 ₹ Vac	io		
Method of Shipment:	·		w . i o outpai	/; <u>161</u> 168 ∐[/	io		
Method of Shipment:	DOT Shipping Name Hazardous	Waste, Liquid, n.	D.S.		Натак	i Clase Rara	IIN/NA NA
Method of Shipment:		_		senie alemanie	1 192.011	~ ~ ~ ~ 3104	CHANAL TASE
Number of Units to Ship Now: 4 6. Anticipated Volume / Units per Year: 65,000 gallons or ② One Till Special Handling Requirements including PPE: 6. Anticipated Volume / Units per Year: 65,000 gallons or ② One Till Special Handling Requirements including PPE: 6. Anticipated Volume / Units per Year: 65,000 gallons or ② One Till Special Handling Requirements including PPE: 6. Anticipated Volume / Units per Year: 65,000 gallons or ② One Till Special Handling Requirements including PPE: 6. Anticipated Volume / Units per Year: 65,000 gallons or ② One Till Special Handling Requirements including PPE: 6. Anticipated Volume / Units per Year: 65,000 gallons or ② One Till Special Handling Requirements including PPE: 6. Anticipated Handling Requirements including PPE: 6. Anticipated Handling Requirements including PPE: 6. Anticipated Handling Requirements on the Anticipated Handling Requirements on the Anticipated Reports on the Correct and Incomplete to the best of my knowledge and belief. Furthermore, no natural fact has been omitted as to make this information insteading. I understand that others may reply on this representation and warn the handling and processing of the waste material described herein. If this box is checked ①, I request Environmental Geo-Technologies makes will be consistent with the resting enterpresentation and/or requirements. Interest of the sample characterization and/or requirements. Interest of the sample personal transfer of the sample person with the sample person with handles the sample must sign below when the sample passes from one to another. Reinquished by: Date Time	•					<u></u>	
Special Handling Requirements including PPE: CERTIFICATION STATEMENT Thereby represent and warrant that I have personally examined and sum familiar with the information contained and submitted in this and tached documents. Based on my inquiry and personal knowledge of those individuals responsible for supplying or obtaining the formation, the information contained herein is true, accurate, and complete to the best of my knowledge and belief. Furthermore, no naterial fact has been omitted as to make this information misleading. I understand that others may rely on this representation and warn the handling and processing of the waste material described herein, if this box is checked [], I request Environmental Geo-chronologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the restine sample characterization and/or requisitory, requisitory. ENERATOR'S CITATIV OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart_same as waste described in the above referenced Generators Waste Profile Report using an appropriate container. A representative sample as obtained using any of the applicable sampling methods cited in 40 CFR 261-Appendix 1. Fill in the sampling information in the space of the profile	•				_		
CERTIFICATION STATEMENT Increby represent and warrant that I have personally examined and am familiar with the information contained and submitted in this and tached documents. Based on my inquiry and personal knowledge of those includuals responsible for supplying or obtaining the formation, the information contained herein is true, accurate, and complete to the best of my knowledge and bellef. Furthermore, no intertial fact has been omitted as to make this information misleading. I understand that others may rely on this representation and wan the handling and processing of the waste material described herein. If this box is checked, I request Environmental Geo-chrinologies not to correct any inconsistencies. Any corrections Environmental Geo-Technologies makes will be consistent with the rest the sample characterization and/or requisitory requisitory requisitory requisitory requisitory. ENERATOR'S CITATIV OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart_same as waste described in the above referenced Generators Waste Profite Report using an appropriate container. A representative sample a obtained using any of the applicable sampling methods cited in 40 CFR 261-Appendix 1. Fill in the sampling information in the space ovided below. If you have problems obtaining a representative sample of your waste, please contact your Environmental Geo-Technologies and the context of the profit of the p	Number of Units to Ship Now: 4		6. Anticipa	ted Volume / Units p	er Year. <u>65,000</u>	gallons	or [7] One Tin
ENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: Please collect a representative 1-quart_same awaste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative same awaste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative same awaste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative same awaste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative same appr	facined documents. Based on my information, the information contains laterial fact has been omitted as to the handling and processing of the echnologies not to correct any incorr	nquiry and person and herein is true, make this inform a waste material risistencies. Any	onal knowledge accurate, and conation misleading described hereing corrections Environment	of those individuals re omplete to the best of g. I understand that on. If this box is check	esponsible for some of my knowledge others may rely the following the following section in the section in the following section is a section of the following section in the following section is a section of the section of the following section is a section of the section of t	upplying or obte and belief. Fu on this represe t Environments	ining the finermore, no ntation and warra
ENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTIONS: PLEASE collect a representative 1-quart_same waste described in the above referenced GENERATORS WASTE PROFILE REPORT using an appropriate container. A representative same e obtained using any of the applicable sampling methods cited in 40 CFR 261-Appendix 1. Fill in the sampling information in the space obtained below. If you have problems obtaining a representative sample of your waste, please contact your Environmental Geo-Technologiesentative. SAMPLING METHOD COLLECTION POINT SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER Sample Mo. Preservation: Yes \ No \ \ CHAIN OF CUSTODY Each person who handles the sample must sign below when the sample passes from one to another. Relinquished by: Date Time		- 3 x 1-1-10 (1-1-10)	ents.	•	'ardel		
ENERATOR'S CHARVOF CUSTODY RECORD INSTRUCTIONS: Please collect a representative 1-quart_same waste described in the above referenced Generators Waste Profile Report using an appropriate container. A representative same serviced using any of the applicable sampling methods cited in 40 CFR 261-Appendix 1. Fill in the sampling information in the space covided below. If you have problems obtaining a representative sample of your waste, please contact your Environmental Geo-Technologiesemative. 2 SAMPLING METHOD COLLECTION POINT SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER Sample No. Preservation: Yes No CHAIN OF CUSTODY Each person who handles the sample must sign below when the sample passes from one to another. Relinquished by: Date Time	THE PERSON OF TH				ine.		
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SAMPLING METHOD CHAIN OF CUSTODY Each person who handles the sample must sign below when the sample passes from one to another. Relinquished by: Received by: Date Time	ENERATOR'S CHAIN OF	CUSTODY	RECORD IN	NSTRUCTIONS	: PLEASE COILE	ct a represental	ive 1-quart_sam
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CHAIN OF CUSTODY Each person who handles the sample must sign below when the sample passes from one to another. Relinquished by: Date Time		-					
Reinquished by: Date Time				Ŀ,		<u></u>	······································
SCI manado real	CHAIN OF CUSTODY Each pe. Religouished by:	rson who handle	s the sample m	ust sign below when	the sample pas		
Date Time (orginative)		1	I	: Ver-ext Net		Date.	
	fanction at	T-> - 4	1	(Cironal	(00)		* 11116
		Date	Time	(Signati	ure)		111100



4125 Gadas Run Rd., Suite B Traver se City, MI 49584 Phone 231-946-6767 Fax 231-946-8744 www.sosanalytical.com

COMPANY:

NAME: PROJECTNO:

WSSN:

WELL PERMIT:

TAX ID:

LOCATION:



SOS PROJECT NO: SAMPLED BY:

DATE RECEIVED:

TIME RECEIVED:

SAMPLE ID:

12/1/2014

10:15 AM

GREEN FRAC TANK

DATE SAMPLED: TIME SAMPLED: 11/28/2014 3:00 PM

SAMPLE MATRIX

LIQUID

COUNTY:

EPA 1311 TCLP - WETALS and FLASHPOINT

<u>Analysis</u>	Concentration	LOD	<u>Units</u>	<u>Analyst</u>	<u>Date</u> Completed	Digestion Method
ARSENIC EPA 6020-TCLP	4.6	0.2	mg/L (PPM)	ŔŜ	12/3/2014	
BARIUM EPA 6020-TCLP	2.5	2.0	mg/L (PPM)	RS	12/3/2014	
CADMIUM EPA 6020-TCLP	ND	0.010	mg/L (PPM)	RS	12/3/2014	
CHROMIUM EPA 6020-TCLP	6.8	1.0	mg/L (PPM)	RS	12/3/2014	
FLASHPOINT EPA 1010	> 100		DEGREES C	JFN	12/3/2014	
LEAD EPA 6020-TCLP	ND	0.02	mg/L (PPM)	RŠ	12/3/2014	
MERCURY EPA 7470-TCLP	ND	0.005	mg/L (PPM)	RS	12/3/2014	
SELLINIUM EPA 6020-TCLP	ND	0.05	mg/L (PPM)	RS	12/3/2014	
SILVER EPA 6020-TCLP	ND	0.005	mg/L (PPM)	RS	12/3/2014	

ND = NOT DETECTED
LOD = LIMIT OF DETECTION
FLAA = FLAME ATOMIC ABSORPTION
GFAA = GRAPHITE FURNACE ATOMIC ABSORPTION
CV = COLD VAPOR AA ANALYSIS
SMCL = FEDERAL NON-ENFORCEABLE LIMIT
MCL = MAXIMUM CONTAMINANT LEVEL

DISS = DISSOLVED

Page 1 of 1

APPROVED BY: SWAMUA FILE

SHANNA SHEA LAB MANAGER



4125 Cedar Run Rd., Suite B Traverse City, MI 49684 Phone 231-946-6767 Fax 231-946-8741 www.sosenalytical.com

COMPANY:

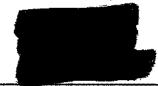
NAME: PROJECT NO:

WSSN:

WELL PERMIT:

TAX ID:

LOCATION:



SOS PROJECT NO:

SAMPLED BY:

DATE RECEIVED: TIME RECEIVED:

12/1/2014 10:15 AM

SAMPLE ID:

RED FRAC TANK

DATE SAMPLED: TIME SAMPLED:

11/28/2014

4:00 PM

SAMPLE MATRIX:

LIQUID

COUNTY: TWP:

EPA 1311 TCLP - METALS and FLASHPOINT

Analysis	Concentration	LOD	<u>Units</u>	<u>Analyst</u>	<u>Date</u> Completed	Digestion Method
ARSENIC EPA 6020-TCLP	11.3	0, 1	mg/L (PPM)	RS.	12/3/2014	
BARIUM EPA 6020-TCLP	2.2	2.0	mg/L (PPM)	RS	12/1/2014	
CADMIUM EPA 6020-TCLP	0.038	0.010	mg/L (PPM)	RS.	12/3/2014	
CHROMIUM EPA 6020-TCLP	14.2	1.0	mg/L (PPM)	R\$	12/3/2014	
FLASHPOINT EPA 1010	> 100		DEGREES C	IFN	(2/3/2014	
EAD EPA 6020-TCLP	ND	0.02	mg/L (PPM)	RS	12/3/2014	
MERCURY EPA 7470-TCLP	ND	0.005	mg/L (PPM)	RS	12/3/2014	
SELENIUM EPA 6020-TCLP	ND	0.05	mg/L (PPM)	RŚ	12/372014	
SILVER EPA 6020-TCLP	ND	0.005	mg/L (PPM)	RS	1273/2014	

NO = NOT DETECTED

LOD = LIMIT OF DETECTION

FLAA = FLAME ATOMIC ASSORPTION

GFAA = GRAPHITE FURNACE ATOMIC ABSORPTION

CV = COLD VAPOR AA ANALYSIS

SMCL = FEDERAL NON-ENFORCEABLE LIMIT

MCL = MAXIMUM CONTAMINANT LEVEL

DISS = DISSOLVED

APPROVED BY:

SHANNA SHEA

LAS MANAGER

Page 1 of 1



4/25 Cedar Run Rd., Suite B Traverse City, MI 49684 Phone 231-946-6767 Fax 231-946-8741 www.sosanalytical.com

COMPANY:

PROJECT:

DATE SAMPLED:

TIME SAMPLED:

3:00 PM

SAMPLE MATRIX:

LIQUID

SOS PROJECT NO:

SAMPLED BY:

SAMPLE ID:

GREEN FRAC TANK

DATE RECEIVED:

12/1/2014

TIME RECEIVED:

10:15 AM

Analysis	Concentration	LOD	Units	Analyst	<u>Date</u> Extracted	<u>Date</u> Completed	Prep Method
3enzene	ND	50	ug/L (PPB)	RS	11/2/2014	11/2/2014	EPA 1311
Sarbon Tetrachloride	ND	50		, v-4		<i>b</i> - <i>b</i> m (, m)	
Chlorobenzene	ND	50					
Chloroform	ND	- 50					
1,2-Dichloroethane	ND	50 50					
1,1-Dichloraethene	ND	50					
Methyl Ethyl Kelone	ND.	250					
Tetrachloroethene	ND	50					
Frichloroethene	ND·						
/inyl Chloride	ND	50 50					
,2-Dichlorobenzene	ND	50					

ND = NOT DETECTED LOD = LIMIT OF DETECTION

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Page 1 of 1

SHANNA SHEA / LAB MANAGER

R. SIMMERMAN / ORGANIC CHEMIST



4125 Cedar Run Rd., Suite B Traverse City, MI 49684 Phone 231-946-6767 Fax 231-946-8741 www.sosanalytical.com

COMPANY:

PROJECT:

DATE SAMPLED:

TIME SAMPLED:

4:00 PM

SAMPLEMATRIX:

LIQUID

SOS PROJECT NO:

SAMPLED BY:

SAMPLE ID:

RED FRAC TANK

DATE RECEIVED:

12/1/2014

TIME RECEIVED:

10:15 AM

Anal vsis	Concentration	LOD	<u>Units</u>	Analysi	<u>Date</u> Extracted	<u>Date</u> Completed	Prep Method
Benzerre	ND ND	50	ug/L (PPB)	RS	11/2/2014	11/2/2014	EPA [3]]
Carbon Tetrachloride		50	,				
Chlorobænzene	ND	50					
Chleroform	ND	50					
1,2-DicFjeroethane	ND ND	50 50					
1,1-Diofiloroethene	ND	50				•	
Viethyl Ethyl Ketone	ND	250					
l'etrachiloroetherie	ND	50					
Trichloroethene	ND	50					
Vinyi Chloride	ND	50					
,2-Dichlerobenzene	ND	50		•			

ND = NOT DETECTED LOD = LIMIT OF DETECTION

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Page 1 of 1

SHANNA SHEA / LAB MANAGER
R. SIMMERMAN / ORGANIC CHEMIST



COMPANY:

PROJECT:

LOCATION:

4125 Cedar Run Rd., Suite B Traverse City, MI 49684 Phone 231-946-6767 Fax 231-946-8741 www.sosanalytical.com

SOS PROJECT NO: SAMPLED BY:

LIQUID W/OIL & SOLID PHASES

DATE SAMPLED:

TIME SAMPLED:

11/28/2014 4:00 PM

SAMPLE MATRIX: DATE RECEIVED:

12/1/2014 10:15 AM

TIME RECEIVED: SAMPLE ID:

RED FRAC TANK

EPA 8270/1311 TCLP SEMI-VOLATILE ORGANICS

Analysis	Concentration	LOD	<u>Units</u>	Analyst	<u>Date</u> Extracted	<u>Date</u> Completed	Prep Method
1,4-DICHLOROBENZENE	ND	0.10	mg/L (PPM)	FT	12/3/2014	12/5/2014	1311/3510C
2,4,5-TRICHLOROPHENOL	ND-	0.10	mg/L (PPM)				
2,4,6-TRICHLOROPHENOL	ND	0.10	mg/L (PPM)				
2,4-DINITROTOLUENE	ND	0.025	mg/L (PPM)				
HEXACHLOROBENZENE	ND	0.025	mg/L (PPM)		-		
HEXACFILOROBUTADIENE	ND	0.10	mg/L (PPM)		•		
HEXACHLOROETHANE	ND	0.10	mg/L (PPM)			•	
P.m-CRESOL (3&4-METHYLPHENOL)	ND	0.10	mg/L (PPM)				
NITROBENZENE	ND	0.10	mg/L (PPM)				
o-CRESOL (2-METHYLPHENOL)	ND	0.10	mg/L (PPM)				
PENTACHLOROPHENOL	ND	0.10	mg/L (PPM)	•			
PYRIDINE	ND	0.10	mg/L (PPM)		•		

ND = NOT DETECTED LOD = LIMIT OF DETECTION

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SHANNA SHEA! LAB MANAGER

R. SIMMERMAN / ORGANIC CHEMIST

Page 1 of 1



PROJECT:

LOCATION:

SOS PROJECT NO:

SAMPLED BY:

www.sosanalytical.com

DATE SAMPLED: TIME SAMPLED: 11/28/2014 3:00 PM

SAMPLE MATRIX:

LIQUID WOIL & SOLID PHASES

4125 Cedar Run Rd., Suite B Traverse City, MI 49684 Phone 231-946-6767 Fax 231-946-8741

DATE RECEIVED: TIME RECEIVED: 12/1/2014 10:15 AM

SAMPLE ID: GREEN FRACTANK

EPA 8270/1311 TCLP SEMI-VOLATILE ORGANICS

Analysis	Concentration	LOD	<u>Units</u>	<u>Analyst</u>	<u>Date</u> Extracted	<u>Date</u> Completed	Prep Method
1,4-DICHLOROBENZENE	ND	0.10	mg/L (PPM)	FT	12/3/2014	12/5/2014	1311/3510C
2,4,5-TRECHLOROPHENOL	ND	0.10	mg/L (PPM)				
2,4,6-TRICHLOROPHENOL	ND	0.10	mg/L (PPM)				
2,4-DINITROTOLUENE	ND	0.025	mg/L (PPM)				
HEXACHLOROBENZENE	ND	0.025	mg/L (PPM)				
HEXACHLOROBUTADIENE	ND	0.10	mg/L (PPM)				
HEXACHLOROETHANE	ND	0.10	mg/L (PPM)				
p.m-CRESOL (3&4-METHYLPHENOL)	ND.	0.10	mg/L (PPM)				
NITROBENZENE	ND	0.10	mg/L (PPM)				
o-CRESOL (2-METHYLPHENOL)	ND	0:10	mg/L (PPM)				
PENTACHLOROPHENOL	ND	0.10	mg/L (PPM)				
PYRIDINE	ND	0.10	mg/L (PPM)	•	-		

ND = NOT DETECTED LOD = LIMIT OF DETECTION

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SHANNA SHEA / LAB MANAGER

R. SIMMERMAN / ORGANIC CHEMIST

Page 1 of 1



4125 Cedar Run Rd., Suite B Traverse City, IMI 49684 Phone 231-946-6767 Fax 231-946-874] www.sosanalytical.com

COMPANY:

NAME: PROJECT NO:

WSSN:

WELL PERMIT:

TAX ID: LOCATION:

SOS PROJECT NO: SAMPLED BY:

DATE SAMPLED:

TIME SAMPLED:

11/28/2014 3:00 PM

SAMPLE MATRIX:

LIQUID

DATE RECEIVED:

12/1/2014

TIME RECEIVED:

10:15 AM

COUNTY:

TWP:

WET CHEMISTRY

No: Analysis	Concentral	tion LOD Units	Analyst	<u>Date</u> Completed	Drinking Water Reg Limit(MCL)
SAMPLE ID: GREEN FRACTANK					
1 pH EPA 9040	5.0	+/- 0.10 s.u.	KMJ	12/1/2014	
SAMPLE ID: RED FRACTANK					
2 pH EPA 9040	4.4	+/- 0.10 s.u.	KMI	12/1/2014	-

ND = NOT DETECTED LOD = LIMIT OF DETECTION SMCL = FEDERAL NON-ENFORCEABLE LIMIT MCL = MAXIMUM CONTAMINANT LEVEL s.u. = STANDARD pH UNITS REPORTED AT 25 C

APPROVED BY:

BISS AIBISSONDED, INC. IS CERTIFIED FOR COMPLIANCE MONITORING UNDERMANAGERFE DRINKING WATER ACT.

28470 Chin Dr. 1	Romulus, Mil 48174. Telepi	note 10% byo 1600. F	ex 124 a40 in	02	rator Wa	Aller Aller Aller Aller
			in the same of	<u> </u>	ofile # 😂	
GENERATORINE	DRIVATION					
Mame:			_USEPA ID#			
acility Address.			_SICMAICS C	ode	State Code:	
Silvy			State 1		Zip Code:	
100						
Contact MILING INTORNA	Apr (610 March 1994)	Tile	horte		_fav	
Company Name		A STATE OF THE STA	Carrier A M		54	
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<u> </u>		48				
City:		State:		ip Code:		
Mention:		Phone:	<u> </u>	Fex		<u> </u>
	: Waste (Please be specific, i y shut down	incomplete information v	· ·			
Facility JSEPA / STATE W This waste is cor	ASTE IDENTIFICATION raidered to be:	Flazarčous Liquid Indus				
Facility JSEPA / STATE VV I. This waste is cor 2. Regulated by TS	ASTE IDENTIFICATION Insidered to be:	Flazarčous Liquid Indus			es (e	
JSEPA / STATE W. 1. This waste is cor 2. Regulated by TS 3. List ALL Applical	ASTE IDENTIFICATION Teidered to be: GA? Yes X No YPCBs ble Waste Codes: D002	Flazarčous Liquid Indus				
Facilit JSEPA / STATE VV This waste is cor Regulated by TS List ALL Applical PHYSICAL CHARA	ASTE IDENTIFICATION Isidered to be:	Hazardous Liquid Indus		X Hazardous W		
Facility ISEPA / STATE W. This waste is con Regulated by TS List ALL Applical	ASTE IDENTIFICATION reidered to be:	Hazardous Liquid Indus , etc.) Layers: 5 %	irial Waste	X Hazardous W Specific Gravit □ 0.8 X 1.0	7. 1.2 3-1.4	チングラ
JSEPA / STATE W. J. This waste is cor Regulated by TS List ALL Applical PHYSICAL CHARA Color: White/Clear Black/Brown Gither Varies	ASTE IDENTIFICATION reidered to be:	Hazarcous Liquid Indus , etc.) Layers: 55%	irial Waste II-Layered ayered le Phase	X Hazardous W Specific Gravit	V: -1.2	チンチが
JSEPA / STATE W. JSEPA / STATE W. This waste is cor Regulated by TS List ALL Applical PHYSICAL CHARA Color: White/Clear Black/Brown Other_Varies PHYSICAL CHARA Color: Notice Clear Regulated by TS Application	ASTE IDENTIFICATION Insidered to be:	Hazardous Liquid Indus , etc.) Layers: S%	irial Waste It-Layered ayered le Phase	X Hazardous W Specific Gravit -0.8 X 1.0 0.83-1.0 1 1.1 Exact / Other 10 - 12.5 >	Y: -1.2 3-1.4	<u>04,20.15</u>
JSEPA / STATE W. JSEPA / STATE W. This waste is cor Regulated by TS List ALL Applical PHYSICAL CHARA Color: White/Clear Black/Brown Other_Varies H: NA X	ASTE IDENTIFICATION Teidered to be:	Hazardous Liquid Indus , etc.) Layers: S%	irial Waste It-Layered ayered le Phase	X Hazardous W Specific Gravit -0.8 X 1.0 0.83-1.0 1 1.1 Exact / Other 10 - 12.5 >	Y: -1.2 3-1.4	<u>04, 20,15</u>
JSEPA / STATE W. JSEPA / STATE W. This waste is con Regulated by TS List ALL Applical PHYSICAL CHARA Color: State / Brown District / Black/Brown District /	ASTE IDENTIFICATION reidered to be:	Hazardous Liquid Indus , etc.) Layers: S%	ti-Layered ayered le Phase	X Hazardous W Specific Gravit -0.8 X 1.0 0.83-1.0 1 1.1 Exact / Other 10 - 12.5 >	Y: -1.2 3-1.4	<u>04,20.15</u>
JSEPA / STATE W. J. This waste is con Regulated by TS List ALL Applical PHYSICAL CHARA Colon: White/Clear Black/Brown Cither_Varies SH: NA X Liquid Flash Point	ASTE IDENTIFICATION reidered to be:	Hazardous Liquid Indus , etc.) Layers: J.5%	ti-Layered ayered le Phase	Specific Gravit Specific Gravit 1-0.8	7: -1.2 -1.4 12.5 Ty Closed Cup	<u>04,20,15</u>
JSEPA / STATE W. JSEPA / STATE W. This waste is con Regulated by TS List ALL Applical PHYSICAL CHARA Color: White/Clear Black/Brown Cither_Varies PH: [] NA X Liquid Flash Point ACC COMPOSIT	Shit down ASTE IDENTIFICATION Insidered to be:	Hazanious Liquid Indus , etc.) Layers: S%	itial Waste iti Layered ayered le Phase B - 10 E - 200°F X > 2 PPM (MUST: N 100% (UST EAK	Specific Graving 10 - 12.5 \(\) OOF None RECONSTITUENT	7: -1.2 -1.4 12.5 Ty Closed Cup	Open Cup
JSEPA / STATE W. J. This waste is con Regulated by TS List ALL Applicat PHYSICAL CHARA Color: White/Clear High Regulated by TS Color: Note: NA X Liquid Flash Point /OC CONCENTIANO (OTAL COMPOSITIONSTITUENT	ASTE IDENTIFICATION Insidered to be: Non- INSIDERED N	Hazardous Liquid Inclus self: Layers: 5%	ti-Layered ayered le Phase	Specific Gravit Specific Gravit 1-0.8 X 1.0 0.8 1.0 1.1 Exact / Officer 10 - 12.5 \(\) 00% \(\) None SE COMSTITUENT UENT	1.2 3-1.4 12.5 [2] Closed Cup	D4, 20,15
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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC

EGT - 20470 Citrin Orine - Romeile	s - 171 - 48174				Waste Profile	- Pace 9
Metals: Indicate if this waste contains	eny of the follow Knowledge	wing metals, If o	Generalor kupuled		***	
PCB X ppm Area Dioxins X ppm Pes Cyanides Reactive X pom Red	Not <u>Preser</u> sistic Amine X siciles X enticides X plaides X	blass blass blass blass blass	Arsen Barita Cadin Chiron Lead Merca Seleri Silver	ic (As) D004 in (Ba) D005 inium (Cd) D008 inium (Ci) D007 (Pb) D008 iny (Hg) D009 inm (Se) D018	X < 5 ppm X < 100 ppm X < 1 ppm X < 5 ppm X < 5 ppm X < 62 ppm X < 1 ppm X < 5 ppm	ppm
IS WASTE ANY OF THE FOLLOWING	3? AlL	east One Box M	hist Be Checked.			
☐ Radiosciive ☐ Weter Reactive ☐ NIOSH Human-Positive Carcinoge		П	Shock Sensitive	☐ Reactive (office ☐ Biological	*) LIDOTEX XNone App	,
SHIPPING INFORMATION			and the second of the second s	esperio Artigo Garga de la compansión de l Compansión de la compansión de	en en englisse State autorit ven de para per de 19 vivil au septembre	
1. Is this a DOT Hazardous Material (49CFR 172.101	& 173 Subpart	D)? ZiYes 🗆]No		
2. Reportable Quantity (RQ) in pound			,,	_	•	
3. DOT Shipping Warne <u>UN1760, Wa</u>	ste comosive liq	uids.NO.S.		Hazend Cless 8	UN	WA
PG IL ERG 154 Hazardo	us Constituents	for "no.s." Pl	rosphoric & sulph	oric ecid		
4. Method of Shipment:	□Bulk Tanker	□Vac truck [Reil Car XDro	ims [Toles		
5. Number of Units to Ship Now: 1 ar 6. Special Handling Requirements inc	um tuding PPE:	_6. Anticipated	Volume / Units p	er Year.	 	or X One Time
CERTIFICATION STATEME						
I hereby represent and warrant that I he attached documents. Based on my in information, the information contained material fact has been writted as to in the handling and processing of the Technologies not to correct any income of the sample characterization conformation.	iave personally quiry and person I herein is true, a take this inform waste material o sistencies. Any	nal knowledge or accurate, and co ation misleading described herein corrections Emri	f those individual implete to the ber I understand the I this box is ch	s responsible for si it of my knowledge at others may rely ecked □, i reques	upplying or obtain and belief. Furt on this represent t Environmental	ling the nermore, no ation and warrant) Geo-
Printed Name:		<u> </u>	<u>.</u>	Title:		
Generator's Signature				Date:		
GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the applical provided below. If you have problems representative.	renced GENERAT	ORS WASTE PRO	FILE REPORT USEN CFR 261-ADDE	; an appropriate or idix 1. Fill in the s	misiner. A repre	sentative sample is on in the spaces
12.		10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
SAMPLING METHOD	COLLECTION	A POINT		1		
3. SAMPLE COLLECTOR'S NAME.	TYTLE EMPLO	YER				H700
4. Sample No. Pr					<u> </u>	
5. CHAIN OF CUSTODY Each per	·		ust sign below wi	ien the sample pa	sses from one to	ańother.
Relinquished by: (Signature)	Date	Time	Rece	ifved by: nature)	Date	Time
	<u> </u>	}				

INVENTORY

					The second se	
Gen. Name_				EPAID #		
Address			-	Drum #	20/	
City, State, Zip	-minn			Dr. Size & Type		
Shipping Name	Waste Corre	BUL LIGURIN	U.S. 6 100	ZUN OT NA# _	111760	
. .	6164151			·		_

	Chemical Name	QUANTITY (Vojume)	State (S/L)	Cont. Type (Glass/QT)	EPA CODE
1.	Sulphen Agio 4/6	1724		6	Selden Acio
2.	Remotes Robiche Clan	1124	<u>L</u>		HOL
3.	Wild labs By hor the	as 19xx	1	P	Sullan Ayr
4.	Magadi Acie 31%	2-lyst	L	P	HOL
5,	Secric Market Floring (A)	1-1506		1	Photosic Aur
6.	Mile Males Carpers	1-5462		7	The place Air
7.	Paragne And The Service	1-541	<u>C</u>		The flowing him
8.	Logic Const Ket Francis	Ight		The second second	Mill Acie
9.	ACT'S Cleaners	194			Mill Acio
10.	F.L. Chemial	10%	<i>L</i> :	P	Mild Acid
¥¥.		·	-		
12.			· ·		
13.):		
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15.	*		:		
16.	w ACM		- 		
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18.	**************************************				
19.					
20.					

Signature

Date_

	And in the 11-5' Unichitation to	34 946 1000. Fax 734 946		or Waste Profit
			Profil	
SENERATOR INFORM	ATION			
lame:		USEPA JID		
acility Address:		SICAVAICE	Code: State	Code:
ily.			ZpC	
		State:		oue
orieci ILLING INFORMAȚIU	Tales	Phone:	<u>/Fav</u>	
ompany Name:		SAME AS ABOVE		The state of the s
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ddress			A CONTRACTOR OF THE PROPERTY O	, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10
nye.	**************************************	State:	Zip Code:	····
dendion		Phone:	Fex	
EPA/STATE WASTI	EIDENTIFICATION			- -
This waste is conside Regulated by TSCA?	red to be: ☐ Non Hazand	ous Liquid Industrial Waste	X Hazardous VVaste	The state of the s
This waste is conside Regulated by TSCA? List ALL Applicable V	red to ba: ☐ Non Hazand ☐ Yes X No (PCBs, etc.) Vaste Codes: <u>D002</u>	ous Liquid Industrial Waste	X Hazardous VVaste	
This waste is conside Regulated by TSCA? List ALL Applicable V	red to ba: Non Hazard Ves X No. (PCBs, etc.) Vaste Codes: D002 PRISTICS OF WASTE		a degamentamina kanan angkan kanan kan Kanan kanan ka	
This waste is conside Regulated by TSCA? List ALL Applicable V IYSICAL CHARACTE Color: White/Clear	red to ba: Non Hazard Ves X No. (PCBs, etc.) Vaste Corles: D002 CRISTICS OF WASTE Suspended Solids 1-0-1 % 3-5 %	Layers:	Specific Gravity:	ac copsiso
This waste is conside Regulated by TSCA? List ALL Applicable V HYBICAL CHARACTE Color:	red to ba: Non Hazand Ves X No. (PCBs, etc.) Vaste Codes: D002 PRISTICS OF WASTE Suspended Solids	Layers:	Specific Gravity:	200
This waste is conside Regulated by TSCA? List ALL Applicable V HYSICAL CHARACTE Color: White/Clear Black/Brown Other_Varies	red to ba: Non Hazard Ves X No. (PCBs, etc.) Vaste Corles: D002 CRISTICS OF WASTE Suspended Solids 1-0-1 % 3-5 %	Layers: Multi-Layered Bi-Layered X Single Phase	Specific Gravity: □<0.8 X 10-1.2 □ 0.8 -1.0 □ 1.3-1.4	042115
This waste is conside Regulated by TSCA? List ALL Applicable V HYSICAL CHARACTE Color: White/Clear Black/Brown Cottier_Varies H: [] NA [] <	red to bs: Non Hazard Ves X No (PCBs, etc.) Vaste Codes: D002 PRISTICS OF WASTE Suspended Solids 10-1%	Layers: Multi-Layered Bi-Layered X Single Phase 6-8 8-16	Specific Gravity: -0.8	042113
This waste is conside Regulated by TSCA? List ALL Applicable V HYSICAL CHARACTE Color: White/Clear Black/Brown Cottier_Varies H: NA	red to be: Non Hazard Yes X No (PCBs, etc.) Vaste Cortes: D002 PRISTICS OF WASTE Suspended Solids 10-1% 13-5% X 1-3% 1 > 5%	Layers: Multi-Layered Bi-Layered X Single Phase 6-8 8-16	Specific Gravity: -0.8	042113
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This waste is consider Regulated by TSCA? List ALL Applicable V HYSICAL CHARACTE Color: White/Clear Black/Brown Other_Varies H: NA S Iquid Flash Point: OC CONCENTRATION	red to be: Non Hazand Ves X No. (PCBs, etc.) Veste Cortes: D002 PRISTICS OF WASTE Suspended Solids	Layers: Multi-Layered Bi-Layered X Single Phase 6-8 8-11	Specific Gravity:	042/5 Osed Cup ☐ Open Cu
This waste is conside Regulated by TSCA? List ALL Applicable V HYSICAL CHARACTE Color: White/Clear Black/Brown Citier_Varies H: NA S Iquist Flash Point: S CC CONCENTRATION— OTAL COMPOSITION	red to bis: Non Hazand Ves X No. (PCBs, etc.) Visite Cortes: D002 RISTICS OF WASTE Suspended Solids D0-1 % 3-5 % X 1-3 % 3-5 % 2 2 2-4 4-6 4-6	Layers: Multi-Layered Bid syered X Single Phase 6-8 8-10 -140°F 141-200°F X	Specific Gravity: Co.8	042//5 osed Cup □ Open Cu
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This waste is consider Regulated by TSCA? List ALL Applicable V HYSICAL CHARACTE Color: White/Clear Black/Brown Citier_Varies H: NA S Iquid Flash Point: S OC CONCENTRATION OTAL GOMPOSITION ONSTITUENT	Pred to bis: Non Hazand Yes X No (PCBs, etc.) Visite Codes: D002 Pristics of Waste Suspended Solids 3-5 % 3-5 % X 1-3 % 3-5 % 2 2 - 4 4 - 6 4 - 6 4 - 6 73°F 73 - 100°F 101 -	Layers: Multi-Layered Bid-syered X Single Phase 8 - 10 6 - 8 8 - 10 140°F 141 - 200°F X 140°F	Specific Gravity: -0.8 X 1.0-1.2 -0.8 X 1.0-1.2 -1.0 D 1.3-1.4 -1	osed Cup ☐ Open Cu 1%)
List ALL Applicable V PHYSICAL CHARACTE Color: White/Clear Black/Brown Cother_Varies JH: NA S Iquid Flash Point: S /OC CONCENTRATION CONSTITUENT CV-21-Lise MSDS B-14 see msts CW 888Lise MSDS	Pred to bis: Non Hazand Yes X No (PCBs, etc.) Visite Codes: D002 Pristics of Waste Suspended Solids 3-5 % 3-5 % X 1-3 % 3-5 % 2 2 - 4 4 - 6 4 - 6 4 - 6 73°F 73 - 100°F 101 -	Layers: Multi-Layered Bi-Layered Si-Layered Williagered X Single Phase 8 - 10 140°F 141 - 200°F X 140°F 141 - 200°F 141 -	Specific Gravity: -0.8 X 1.0-1.2 -0.8 X 1.0-1.2 -1.0 D 1.3-1.4 -1	942//5 osed Cup □ Open Co 1%)

EGT-2001 Civin Drive - Romula	<u> 2 - 1911 - 48174</u>	· · · · · · · · · · · · · · · · · · ·			Weate	Profile	- Page 2
Metals: Indicate if this waste contains [] Lab Analysis X General	any of the following Knowledge	wing metals,. W	Generator Incombadges [] TCLP	Tovice Deckut			*
Okorors X ppm Pes Cyanidas Reactive X ppm Red Cyanidas Total X ppm Sulfidas Reactive X ppm Sulfidas Total X ppm	Not Present matic Aumine X tickles X entickles X giuldes X	pbu bbu bbu bbu	Arseric (A Barlum (B Cadmium Chromlum Lead (Pb) Mercury (F Selenium (Silver (Ag)	e) D005 C4) D005 (Cr) D007 D008 p) D009 Se) D010	X X X X X X X X X X X X X X X X X X X	pom pom pom pom pom pom pom	ppm ppm ppm
TCLP Organics D012 - D043 above mg	datory limits: P	7249/II Not P	meant X		•		
IS WASTE ANY OF THE FOLLOWING Redioactive	Oxidizer	Πŝ	iusi Be Checked. Shock Sensitive U ane, etc.)	Reactive (oth Biological		OT EX	olosives Ny
SHIPPING INFORMATION					., ., .,		
1. Is this a DOT Hazardous Material (49CFR 172.101	& 173 Subpart	D)? □Yes □No				
Reportable Quantity (RQ) in point	š			·			
3. DOT Shipping Name <u>1/N1760, Wa</u>	sie corrosive lig	ulds, N.O.S.	<u> </u>	zard Class 8		UN	AVA
PG_II ERG_154 Hazando	us Constituente	for "n.o.s." So	odium hydroxide & Po	tassium hydn	mide		
]Reil Car XDnams	∏Totes			
5. Number of Units to Ship Now: <u>18 di</u>	ums .						or X One Time
Special Handling Requirements inc	luding PPE:						
CERTIFICATION STATEME	NT						
I hereby represent and warrant that I is attached documents. Based on my in information, the information contained material fact has been omitted as to not me handling and processing of the Technologies not to correct any income of the sample characterization and/or	quiry and person I herein is true, a nake this informations waste meterial o sistencies. Any	nal knowledge of socurate, and co alion misleading tescribed herein corrections Envi	f those individuals rea implete to the best of . I understand that of . If this box is checks	ponsible for s my krawiedg hers may rely d [], reque	capplying of and believed the conditions of the	or obtain of Furti present mental	ing the nemote, no ation and watter Geo-
Printed Name:) 	Tate				
Generalor's Signe			Dak				
GENERATOR the weste described in the above reference one obtained using any of the application provided below. If you have problems representative.	renced GENERAT de sampling me	ORS WASTE PRO	FILE REPORT USING AN CFR 261-Appendix	appropriate c 1. Fill in the s	ontainer. ampling i	A repre: ikomati	sentative sample on in the spaces
1. SAMPLING METHOD	COLLECTION	LPOINT		 	····		
3. SAMPLE COLLECTOR'S NAME.	tile, emplo						
4. Sample No Pr	esetvalion: Yo		i i i i i i i i i i i i i i i i i i i				<u> </u>
5. CHAIN OF CUSTODY Each pe	rson who handle		ust sign below when	he sample pa	isses irom	one to	prother.
Refinquished by: (Signature)	Date	Time	Receive (Signati	by:		rta	Time
· • · · · · · · · · · · · · · · · · · ·		9			7	····	

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Material Safety Data Sheet

1 DRUM

Product Name		A-4031L	
mergency Telephone No.	(616)241-4684	- Date Issued	7/01/99
Manufacturer's	Mitco, Inc.	Supersedes	8/24/95
Name	1601 Steele S.W.	. Chemical Family	Aqueous Mixture
and Address	Grand Rapids, MI 49507	d, Basic, Organic, N.O.S	

	Listed	as Carolnog	ne,	1	-		Reporting
	or Pote	ntial Carolno	gen	<u> </u>	- 51		Required
Chemical Name CAS Registry Number	National Toxicology Program	I.A.R.C. Mono- graphs	OSHA	OSHA Permissible Exposure Umit	ACGIH Threshold Limit Value	Other Exposure Limit	Sec. 313 of Title III and 40CFR372
Cyclohexylamine 108-91-8	No	, No	· No.	N/A	10ppm	N/A	No
Diethylaminoethanol 100-37-8	No	No	No	50mg/M ³ (10ppm) (skin)	2ppm (skin)	N/A	No
Morpholine 110-91-8	No	No	No	70mg/M ³ (20ppm) (skin)	20ppm (skiri)	N/A	No

	Section III -	PHYSICAL DATA	
Boiling Point (°F)	212	Specific Gravity (H2O = 1)	0.9-1.0
Vapor Pressure (mm Hg.)	17.5 @ 20°C	Percent, Volatile By Volume (%)	100
Vapor Density (AIR=1)	1 at 20°C	Evaporation Rate (WATER = 1)	1 ***
Solubility in Water	Complete	pH	12.6
Appearence and Odor	Clear solution with amin	e odor.	

Se	elion IVE FIRE AND	EXPLOSION	HAZARDIDA	TA
Flash Point (°F)	142	Flammable	LEL	1.6
Method Used	Setaflash CC	Limits	UEL	28.0
Edinguishing Media	Water fog, foam, carbon	ı dioxids, dry chemi	cat	
Special Fire Fighting Procedures	Fire fighters should be	equipped with self-c	contained breathin	g apparatus.
Unusual Fire and Explosion Hazards	Liquid is corresive to si	(in and eyes.		

Primary Routes of Entry	inhalation.	Yes	Skin Contact	Yes	Eyes	Yes
Effects of Overexposure	Corrosive to a result in pulm including nau	onary edema	 inhalation caus ingestion may siting. 	es respirator esult in seve	y tract irritatio re gastric dist	n and me urbances
Emergency and First Aid Procedures	tion. SKIN: W taminated clot INGESTION: I immediate me	'ash affected thing. Get me f swallowed, dical attentio	ving water for at I skin areas there edical attention. L dilute with water on. INHALATION et medical attenti	ughly with wa aunder cloth or milk. Do l : if inhaled, n	iter while remo ling before reu VOT induce vo	oving con se. milling. C

		\$	ecti	on VI - REACTIVITY I	DATA	
Stability	Unstable	Stable	X	Hazardous Polymerization	May Occur	Will not Occur X
	Conditions to	Avoid		N/A		or the series of the
In	compatibility (mate	rials to avoid)		Mineral Acids		
Ha	zardoùs Decompo	sition Products		Oxides of nitrogen under bur	ning conditions.	Sale Asignment (SS)

the contract of the contract o	etion VII - SPILL OR LEAK PROCEDURES
Steps to be taken in Case Material is Released or Spilled	Flush small spills (less than 1 gallon) away with water. Absorb larger spills on sand or other inert material. Prevent spread of spill.
Waste Disposal Method	incinerate in a furnace when permitted under appropriate federal, state, and local regulations.

Section	mVIII - SPE	CIAL PRO	TECTION	Y INFORM	IATION	
Respiratory Protection	Air-supplied n	nask in confine	d areas.			
Ventilation	Local Exhaust	Preferred	Mechanical (General)	acceptable	Special	N/A
Protective Gloves	Rubber		Eye Pr	otestion	Chemical Go	jgles.
Other Protective Clothing or Equipment	Coverall, apro	n, boots as ne	cessary to pr	event skin con	lact.	

	Section IX - SPECIAL PRECAUTIONS
Precautions to be Taken in Handling and Storing	Keep container closed.
Other Preceutions	N/A



Section 1. Identification

GHS product identifier

: LB-14

Product code

: LB-14-005, LB-14-015, LB-14-055

SDS#

: LB-14

Other means of

: Not available.

identification

Product type

: Liquid.

identified uses

: Industrial

Supplier/Manufacturer

: DuBeis Chemicals, Inc. 3630 E. Kemper Road

Relevant Identified uses of the substance or mixture and uses advised against:

Cincinnati, Ohio 45241

Phone: 1-800-438-2647

DuBois Chemicals Canada, Inc. 1155 North Service Road West

Unit 6

Oakville, Ontario, L6M 3E3 Canada

Phone: 1-866-861-3603

Emergency telephone

number

: 1-866-923-4919 (US and Canada) 01-851-523-0314 (Intil and Mexico)

Section 2. Hazards identification

OSHA/HCS status

: This material is considered hazardous by the OSHA Hazard Communication Standard

(29 CFR 1910,1200).

Classification of the substance or mixture

: CORROSIVE TO METALS - Category 1

ACUTE TOXICITY: ORAL - Category 4

SKIN CORROSION/IRRITATION - Category 1B

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

GHS label elements

Hazard pictograms

Signal word

: Danger

Hazard statements

: May be corrosive to metals. Harmful if swallowed.

Causes severe skin burns and eye damage,

Precautionary statements

Prevention

: Wear eye/face protection. Wear protective gloves. Avoid breathing vapor or mist. Wear protective clothing. Do not eat, drink or smoke when using this product. Wash

hands thoroughly after handling.

Response

: Absorb spillage to prevent material damage. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off

immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or

physician.

Storage

: Store locked up. Store in comosive resistant container with a resistant inner liner.

Disposal

: Dispose of contents and container in accordance with all local, regional, national and

international regulations.

LB-14

Section 2. Hazards identification

Hazards not otherwise

: None known.

classified

Section 3. Composition/information on ingredients

Ingredient name	%	CAS number
sodium hydroxide	30 - 40	1310-73-2
potassium hydroxide	10 - 20	1310-58-3
potassis, i ii ja	10-20	1010-00-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact

: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Inhalation

: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quartities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vemit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open alrway. Loosen tight clothing such as a coliar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

: Causes serious eye damage.

Inhalation

: May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system.

Skin contact

: Causes severe burns.

Ingestion

: Harmful if swallowed. May cause burns to mouth, throat and stomach.

Over-exposure signs/symptoms

Section 4. First aid measures

Eve contact

Adverse symptoms may include the following:

pain watering redness

inhalation

: No specific data.

Skin contact

: Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

Ingestion

Adverse symptoms may include the following:

stomach pains

indication of immediate medical attention and special treatment needed. If necessary

Notes to physician

: Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

Specific treatments

: No specific treatment.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishina media

Suitable extinguishing

media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: None known.

Specific hazards arising from the chemical

Hazardous thermal

decomposition products

Special protective equipment for fire-fighters

: Decomposition products may include the following materials: metal oxide/oxides

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

: In a fire or if heated, a pressure increase will occur and the container may burst.

Section 6. Accidental release measures

Personal precautions

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist: Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Dilute with water and moo up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatornaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Handling

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.

Storage

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Store locked up. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

	0
sodlum hydroxide 1310-73-2 C: 2 mg/m³ TWA: 2 mg/m³ 8 hours. LMPE-Pico; 2 potassium hydroxide 1310-58-3 C: 2 mg/m³	mg/m³

Engineering measures

 If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period, Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Respiratory

If a risk assessment indicates this is necessary, use a properly fitted, air-purifying or airfed respirator complying with an approved standard. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes

 Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: splash goggles

Skin

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, furne scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Personal protective equipment (Pictograms)



Section 9. Physical and chemical properties

Appearance

Physical state : Liquid, Miscous liquid.] Color : Clear to Hazy Dark grey.

Odorless. Odor : Not available. Odor threshold

ο'n : 13 [Conc. (% w/w): 1%]

: Not available. Melting point **Boiling** point : 137.78°C (280°F) Flash point : Not available. **Burning time** : Not applicable. : Not applicable. **Burning rate** : Not available. Evaporation rate : Not available. Flammability (solid, gas) : Not available.

Lower and upper explosive

(frammable) limits

: Not available. Vapor pressure

Vapor density : Not available.

Relative density : 1.5

Solubility Easily soluble in the following materials: cold water and hot water.

Solubility in water : Not available. : Not available. Partition coefficient: n-

octanol/water

Auto-ignition temperature

Decomposition temperature

Viscosity Elemental Phosphorus

VOC content

: Not available. : Not available. : Not available.

: Not available. : Not available.

Section 10. Stability and reactivity

Reactivity

: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability

Possibility of hazardous

: The product is stable.

reactions Conditions to avoid : Under normal conditions of storage and use, hazardous reactions will not occur.

incompatible materials

: No specific data. : Not available.

Hazardous decomposition products

: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Storage

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Store locked up. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 11. Toxicological information

Information on toxicological effects

Information on the likely

routes of exposure

Dermal contact. Eye contact. Inhalation.

Potential acute health effects

Eye contact

: Causes serious eye damage.

Inhalation

: May give off gas, vapor or dust that is very imitating or corrosive to the respiratory

system

Skin confact

: Causes severe burns.

ingestion

: Harmful if swallowed. May cause burns to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact

: Adverse symptoms may include the following:

pain watering redness

Inhalation

: No specific data.

Skin contact

: Adverse symptoms may include the following:

pain or imitation

redness

blistering may occur

ingestion

: Adverse symptoms may include the following:

stomach pains

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate

: Not available.

effects

Potential delayed effects

: Not available.

Long term exposure

Potential immediate effects

: Not available.

Potential delayed effects

s : Not available,

Potential chronic health effects

Not available.

General

: No known significant effects or critical hazards.

Carcinogenicity
Mutagenicity

No known significant effects or critical hazards.No known significant effects or critical hazards.

Teratogenicity

: No known significant effects or critical hazards.

Developmental effects
Fertility effects

No known significant effects or critical hazards.No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATÉ value
Oral	838.2 mg/kg
Dermal	3096.4 mg/kg

Section 12. Ecological information

Ecotoxicity

: Not available.

Acuatic ecotoxicity

Not available.

Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Ayoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

RCRA classification

: D002 [Corrosive]

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

IATA/IMDG/DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information.

Section 15. Regulatory information

U.S. Federal regulations

: TSCA 12(b) one-time export: No products were found.

TSCA 12(b) annual export notification: No products were found.

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 311: sodium hydroxide; potassium hydroxide

CERCLA: Hazardous substances.; sodium hydroxide: 1000 lbs. (454 kg); potassium

hydroxide: 1000 lbs. (454 kg);

EPA Registration Number

Clean Air Act Section 112

: Not listed

: Not available.

(b) Hazardous Air Pollutants (HAPs)

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ

: Not applicable.

SARA 311/312

Classification

: Immediate (acute) health hazard

State regulations

Massachusetts

: The following components are listed: SODIUM HYDROXIDE; POTASSIUM

HYDROXIDE

New York

: The following components are listed: Sodium hydroxide; Potassium hydroxide

New Jersey

: The following components are listed: SODIUM HYDROXIDE; CAUSTIC SODA;

POTASSIUM HYDROXIDE: CAUSTIC POTASH

Pennsylvania

: The following components are listed; SODIUM HYDROXIDE (NA(OH)); POTASSIUM HYDROXIDE (K(OH))

California Prop. 65

Not available.

Section 15. Regulatory information

Canada

Canadian lists

Canadian NPRI

None of the components are listed.

Canada inventory

: All components are listed or exempted.

Canadian PCP/DIN Number : Not available.

International reculations

International lists

: Australia inventory (AICS): All components are listed or exempted. China inventory (IECSC): All components are listed or exempted.

Japan inventory: All components are listed or exempted. Korea inventory: All components are listed or exempted. Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Taiwan inventory (CSNN): Not determined.

Section 16. Other information

History

Date of printing

: 12/17/2014.

Date of issue/Date of

: 12/17/2014.

revision

Date of previous issue

No previous validation.

Version

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Material Safety Data Sheet

2-20 gal Cont

Product Name		CW-961L	,
Emergency Telephone No.	(616)241-4684	Date leaved	2/22/96
Menufacturer's	Mitco, Inc.	Supersedes	2/6/91
Name	1601 Steele S.W.	Chemical Family	Aqueous Mixture
and Address	Grand Rapids, MI 49507		

Potassium Hydroxide

Section	(1), (1), (27)	TE COUNTY		its:		
	Listed or Poter	as Carcinogen Itial Carcinogen	•			Reporting Required
Chemical Name CAS Registry Number	National Toxicology Program	I.A.R.C. OSHA Mono- graph	OSHA Permineible Exposure Limit	ACGIH Threshold Umit Value	Other Exposure Limit	Sec. 313 of Title III and 40CFR372
None			<u> </u>			
<u> </u>	1	, la	<u> </u>	<u> </u>	<u> </u>	

	* Section III - Pl	YSICAL DATA	
Boiling Point (F)	212	Specific Gravity (H2O = 1)	1.0-1.1
Vapor Pressure (mm Hg.)	17.5@20°C	Percent, Volatile By Volume (%)	N/A
Vapor Density (AIR = 1)	1	Evaporation Rate (Water = 1)	1
Solubility in Water	Complete	pH=	10.7
Appearance and Odor	Slightly yellow solution, wi	th sweet odor	

Se	icikoni IV. – FIRESANIS) 	Sylvaltsidaey.	TA
Flash Point (°F)	None	Flammable	LEL.	N/A
Method Used	N/A	Limits	UFL	N/A
Extinguishing Media	Not Flammable			
Special Fire Fighting Procedures	N/A			
Unusual Fire and Explosion Hazards	N/A			

Primary Routes of Entry	Inhalation	No	Skin Contact	Yes	Eyes	Yes
Effects of Overexposure	Possible irrital	ion to skin : stetu practic	and eyes. Handle es. These practic	in accordanc	e with good in	dustrial
	sure and remo	oval of the m	iaterial from eyes.	skin, and cic	othing.	sasaly ex

Section VI - REACTIVITY DATA								
Stability	Unstable	Stable	X	Hazardous Polymerization	May Occur	Will not Occur X		
Conditions to Avoid				N/A				
Incompatibility (materials to avoid) None known								
Hazardous Decomposition Products None known			:					

Section VII - SPILL OR LEAK PROCEDURES								
Steps to be taken in Case Material is Released or Spilled	Flush to sanitary sewer with large amount of water.							
Waste Disposal Method	Use as intended in cooling tower.							

	Section	revilla si pl et	JAL PR	(e)TE(e)T(e)N	INFOR	MATION	
Respirate	bry Protection	Not necessary.					
Ventilation	Not Necessary	Local Exhaust	N/A	Mechanical (General)	N/A	Special	N/A
Protect	ive Gloves	Not necessary	······	Eye Prot	ection	Chemical gog	ales
Other Protective Clothing or Equipment Rubber apron and boots				contact appears	likely		

	Section IX - SPECIAL PRECAUTIONS
Precautions to be Taken in Handling and Storing	Protect from freezing
Other Precautions	Wash contaminated clothing before reuse.





Section 1. Identification

GHS product identifier

: CW-888L

Product code

: CW-888L-000, CW-888L-015, CW-888L-030, CW-888L-055, CW-888L-400

SDS #

: CW-888L

Other means of

: Not available.

identification

Product type

: Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses

: Industrial

Supplier/Manufacturer

DuBois Chemicals, Inc.

3630 E. Kemper Road Cincinnati, Ohio 45241

Phone: 1-800-438-2647

1155 North Service Road West

Unit 6

Oakville, Ontario, L6M 3E3 Canada

DuBols Chemicals Canada, Inc.

Phone: 1-866-861-3603

Emergency telephone

number

: 1-866-923-4919 (US and Canada) 01-651-523-0314 (Int'l and Mexico)

Section 2. Hazards identification

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910,1200).

Classification of the substance or mixture : CORROSIVE TO METALS - Category 1

SKIN CORROSION/IRRITATION - Category 1

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

GHS label elements

Hazard pictograms

Signal word

Danger

Hazard statements

May be corrosive to metals.

Causes severe skin burns and eye damage.

Precautionary statements

Prevention

: Wear eye/face protection. Wear protective gloves. Avoid breathing vapor or mist. Wear protective clothing. Wash hands thoroughly after handling.

Response

: Absorb spillage to prevent material damage. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vemiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Washcontaminated clothing before reuse. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or

physician.

Storage

: Store locked up. Store in corrosive resistant container with a resistant inner liner.

Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise

classified

: None known.

CW-888L

Section 3. Composition/information on ingredients

ingredient name	%	CAS number
sodium hypochlorite solution Cl active	10 - 20	7681-52-9
sodium hydroxide	1-5	1310-73-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact

: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Inhalation

: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that furnes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: Get medical attention immediately. Call a polson center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

: Causes serious eye damage.

Inhalation

: May give off gas, vapor or dust that is very irritating or corrosive to the respiratory

system.

Skin contact

: Causes severe burns.

ingestion

: May cause burns to mouth, throat and stomach.

Over-exposure signs/symptoms

Eye contact

: Adverse symptoms may include the following:

pain watering redness

Inhalation

: No specific data.

Section 4. First aid measures

Skin contact

: Adverse symptoms may include the following:

pain or imitation

redness

blistering may occur

Ingestion

: Adverse symptoms may include the following:

stomach pains

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments

: No specific treatment,

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishina media

Suitable extinguishing media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media

: None known.

Specific hazards arising

ing

: In a fire or if heated, a pressure increase will occur and the container may burst.

from the chemical
Hazardous thermal
decomposition products

: Decomposition products may include the following materials:

halogenated compounds metal oxide/oxides

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions

No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental precautions

 Avoid dispersal of spilled material and runoff and contact with soil, waterways, trains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Absorb spillage to prevent material damage. Dispose of via a licensed waste disposal contractor.

Large spill

Stop leak if without risk. Move containers from spill area. Absorb spillage to prevent material damage. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Handling

: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Absorb spillage to prevent material damage.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Store locked up. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	CAS#	ACGIH	OSHA	Mexico -
sodium hydroxide	1310-73-2	C: 2 mg/m³	TVVA: 2 mg/m² 8 hours.	LMPE-Pico; 2 mg/m³

Engineering measures

 If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Respiratory

If a risk assessment indicates this is necessary, use a properly fitted, air-purifying or airfed respirator complying with an approved standard. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eyes

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: splash goggles

Skin

 Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Personal protective equipment (Pictograms)





Section 9. Physical and chemical properties

Appearance

Physical state

: Liquid.

Color

: Yellow-Green [Light]

Odor

Pungent, chlorine-based bleaching agents

Odor threshold

: Not available.

ŊΗ

: >12

Melting point **Boiling** point Flash point

Not available. : Decomposes.

: Not available, **Burning time** Not applicable. Burning rate : Not applicable. Evaporation rate Not available. Flammability (solid, gas) : Not available.

Lower and upper explosive

(flammable) limits

Not available.

Vapor pressure Vapor density

: Not available. : Not available.

Relative density

Solubility

: Easily soluble in the following materials: cold water and hot water.

Solubility in water Partition coefficient: n: Not available.

octanol/water

: Not available.

Auto-ignition temperature Decomposition temperature

: Not available. : Not available.

Elemental Phosphorus

: Not available. : Not available.

VOC content

: Not available.

Section 10. Stability and reactivity

Reactivity

Viscosity

: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability

: The product is stable.

Possibility of hazardous

: Under normal conditions of storage and use, hazardous reactions will not occur.

reactions

Conditions to avoid No specific data, : Not available.

incompatible materials Hazardous decomposition

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

products Storage

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in corrosive resistant container with a resistant inner liner. Store locked up. Separate from acids. Keep container lightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

CW-888L

Section 11. Toxicological information

information on toxicological effects

Carcinocenicity

Classification

Product/ingredient name	ACGIH	IARC	EFA	NIOSH	NTP	OSHA
Sodium hypochlorite solution	<u>,</u>	3	-	-	-	-
GI active			_			

Information on the likely

routes of exposure

Dermal contact. Eye contact, inhalation.

Potential acute health effects

Eve contact

: Causes serious eye damage.

inhalation

: May give off gas, vapor or dust that is very irritating or corrosive to the respiratory

system.

Skin contact

: Causes severe burns.

ingestion

May cause burns to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact

: Adverse symptoms may include the following:

pain watering redness

Inhalation

: No specific data.

Skin contact

: Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

ingestion

: Adverse symptoms may include the following:

stomach pains

Delayed and Immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate

: Not available.

effects

Potential delayed effects

: Not available.

Long term exposure

Potential immediate

: Not available.

effects

Potential delayed effects:

: Not available.

Potential chronic health effects

Not available.

General

: No known significant effects or critical hazards.

Carcinogenicity Mutagenicity No known significant effects or critical hazards.
No known significant effects or critical hazards.

Teratogenicity

: Ne known significant effects or critical hazards.

Developmental effects Fertility effects

No known significant effects or critical hazards.No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

CW-888L

Section 11. Toxicological information

Route ATE value

Oral 25000 mg/kg
Dermal 66000 mg/kg

Section 12. Ecological information

Ecotoxicity

: Not available.

Aguatic ecotoxicity

Not available.

Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

RCRA classification

: D002 [Corrosive]

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

IATA/IMDG/DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information.

Section 15. Regulatory information

U.S. Federal regulations

: TSCA 12(b) one-time export: No products were found.

TSCA 12(b) annual export notification: No products were found.

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 311; Sodium hypochlorite solution Cl active; sodium hydroxide

CERCLA: Hazardous substances,: sodium hydroxide: 1000 lbs. (454 kg); Sodium

hypochlorite solution Cl active: 100 lbs. (45.4 kg);

EPA Registration Number

: Not available.

Clean Air Act Section 112

: Not listed

(b) Hazardous Air Pollutants (HAPs)

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ

: Not applicable.

<u>SARA 311/312</u>

Classification

: Immediate (acute) health hazard

State regulations

Massachusetts

: The following components are listed: SODIUM HYPOCHLORITE; SODIUM

HYDROXIDE

New York

: The following components are listed: Sodium hypochlorite; Sodium hydroxide

CW-888L

Section 15. Regulatory information

New Jersey

: The following components are listed: SODIUM HYPOCHLORITE; HYPOCHLOROUS

ACID, SODIUM SALT; SODIUM HYDROXIDE; CAUSTIC SODA

Fennsylvania

The following components are listed: HYPOCHLOROUS ACID, SODIUM SALT;

SODIUM HYDROXIDE (NA(OH))

California Prop. 65

Not available.

Canada

Canadian lists

Canadian NPRI

: None of the components are listed.

Canada inventory

: All components are listed or exempted.

Canadian PCP/DIN Number

: Not available.

International regulations

International lists

: Australia inventory (AICS): All components are listed or exempted. China inventory (IECSC): All components are listed or exempted.

Japan inventory: All components are listed or exempted. Korea inventory: All components are listed or exempted. Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Talwan Inventory (CSNN): Not determined.

Section 16. Other information

History

Date of printing

12/16/2014.

Date of issue/Date of

12/16/2014.

revision

Date of previous Issue

: No previous validation.

Version

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

4/1/2015 siri.org/msds/f2/bbs/bbsfh.html MITCO. CO - CW-21L -- 6850-00F005304 Product ID:CW-21L MSDS Date:01/01/1987 FSC: 6850 NIIN:00F005304 MSDS Number: BBSFH === Responsible Party ==== Company Name: MITCO, CO/GRAND RAPIDS, MI 49507 Emergency Phone Num: (616) 241-4684 CAGE: FO047 === Contractor Identification === Company Name: MITCO INC. Address: 1601 STEELE AVENUE S.W. Box: City: GRAND RAPIDS State:MI ZIP:49507 Phone: (616) 241-4684 CAGE: 45399 Company Name: MITCO, CO/GRAND RAPIDS, MI 49507 CAGE: F0047 ======= Composition/Information on Ingredients ========= Ingred Name: SODIUM HYDROXIDE (SARA III) CAS: 1310-73-2 RTECS #:WB4900000 OSHA PEL:2 MG/M3 ACGIH TLV:C 2 MG/M3; 9293 EPA Rpt Qty: 1000 LBS DOT Rpt Qty:1000 LBS Ingred Name: SODIUM TETRABORATE, DECAHYDRATE CAS: 1303-96-4 RTECS #: VZ2275000 OSHA PEL: 10 MG/M3 ACGIH TLV:5 MG/M3; 9192 Ingred Name: SODIUM NITRITE (SARA III) CAS: 7632-00-0 RTECS #:RA1225000 EPA Rpt Qty:100 LBS DOT Rpt Qty: 100 LBS ========= Hazards Identification ==================

1- DROM

Effects of Overexposure: SKIN IRRITATION. INGESTION RESULTS IN NAUSEA, VOMITING AND DIARRHEA. First Aid: SKIN & EYE, FLUSH AFFECTED AREA WITH WATER. KEEP PATIENT

PATIENT FOR NITRITE POISONING.

PRONE AND WARM, ADMINISTER OXYGEN, AND CALL PHYSICIAN TO TREAT

Extinguishing Media: NOT FLAMMABLE
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE
========= Accidental Release Measures ====================================
Spill Release Procedures: FLUSH TO SANITARY SEWER WITH WATER.
Exposure Controls/Personal Protection
Respiratory Protection: NORMALLY NOT NECESSARY. Ventilation: NOT NECESSARY
Protective Gloves: RUBBER
Eye Protection: CHEMICAL GOGGLES
Other Protective Equipment: RUBBER APRON, AND SHOES IF CONTACT IS ANTICIPATED.
Supplemental Safety and Health MSDS DATE: 10/1/85
======================================
Boiling Pt:B.P. Text:215F
Boiling Pt:B.P. Text:215F Vapor Pres:7.5
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1 Spec Gravity:1.17
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1 Spec Gravity:1.17 Evaporation Rate & Reference:(WATER = 1): 1
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1 Spec Gravity:1.17 Evaporation Rate & Reference:(WATER = 1): 1 Solubility in Water:COMPLETE
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1 Spec Gravity:1.17 Evaporation Rate & Reference:(WATER = 1): 1 Solubility in Water:COMPLETE Appearance and Odor:CLEAR COLORLESS SOLUTION WITH PUNGENT ODOR.
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1 Spec Gravity:1.17 Evaporation Rate & Reference:(WATER = 1): 1 Solubility in Water:COMPLETE
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1 Spec Gravity:1.17 Evaporation Rate & Reference:(WATER = 1): 1 Solubility in Water:COMPLETE Appearance and Odor:CLEAR COLORLESS SOLUTION WITH PUNGENT ODOR.
Boiling Pt:B.P. Text:215F Vapor Pres:7.5 Vapor Density:1 Spec Gravity:1.17 Evaporation Rate & Reference:(WATER = 1): 1 Solubility in Water:COMPLETE Appearance and Odor:CLEAR COLORLESS SOLUTION WITH PUNGENT ODOR. Percent Volatiles by Volume:80%

Waste Disposal Methods: SAME AS SPILL PROCEDURE.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

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

GENERATORINFORMATION			•	
Name:		USEPA ID #		
Facility Address		SIC/NAICS Code:	State Code:	
City:	S	tate:	Zip Code:	
Contac	le.		Fax:	
BILLING INFORMATION	SAME AS ABOU	All.		
Company Name:			-	
Address:				,
City:	St	ate:	_Zip Code:	
Attention:				
NASA CATE INFORMATIONS				<u> </u>
WASTE INFORMATION Name of Waste/Common Chemical Name:			•	
Wastunder with metro	œ.			
Process Generating Waste (Please be specific, incompl		elay the approval proc	 eess):	
applications - floor have be				Locess(es),
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
And the second s				
USEPA / STATE WASTE IDENTIFICATION				
1. This waste is considered to be:	lous Liquid Industrial W	aste 🔲 Haza	rdous Waste	
2. Regulated by TSCA? ☐Yes ☐No (PCBs, etc.)				
3. List ALL Applicable Waste Codes: 291_				
PHYSICAL CHARACTERISTICS OF WASTE				
Color: Suspended Solids White/Clear 0-1 % 3-5 %	Layers:	Specific	Gravity: № .1.0 – 1.2	
☐ Black/Brown	☐ Multi-Laye	d □ 0.8 –1.0	1.3-1.4	-
☑ Other 吐龙⊶	Single Ph		<u> </u>	
pH: □NA □≤2 □ 2-4 ¥ 4-6	□ 6-8 □	8 - 10 🔲 10 - 12	.5 □ ≥12.5	•
Liquid Flash Point:	- 140°F □ 141 200°	°F ⊠ >200°F ⊠	None Closed Co	p 🗌 Open Cup
VOC CONCENTRATION	PPM (MUST BE COMP	LETED)		,
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO	OR GREATER THAN 100%	6 (LIST EACH CONSTIT	TUENT >/= 0.1%)	•
CONSTITUENT		CONSTITUENT		MAX MIN
Water	100 - 99%	7.		*
Non-regulates mittes (Like the)				

<u>EGT - 28470 Citrin Drive - Romuli</u>	<u>us - MI - 48174</u>				Waste Profil	e – Page 2
Metals: Indicate if this waste contain. Lab Analysis Gener	s any of the follow ator Knowledge	ing metals. If G	enerator knowled; TCLP			
Dioxins ppm Pes Cyanides Reactive ppm Roc	Not Present matic Amine sticides Jai	Concentration ppm ppm ppm ppm	Chrom Lead (I Mercur	(Ba) D005 um (Cd) D008 ium (Cr) D007 Pb) D008 y (Hg) D009 um (Se) D010	5 ppm < 100 ppm < 1 ppm < 5 ppm < 5 ppm < 0.2 ppm < 1 ppm < 5 ppm < 5 ppm < 5 ppm < 5 ppm < 7 ppm < 7 ppm < 7 ppm < 8 ppm < 7 ppm < 7 ppm < 8 ppm < 9 ppm < 9 ppm	ppm ppm ppm ppm ppm ppm ppm ppm
TCLP Organics D012 - D043 above reg	julatory limits: Pre	esent 🗌 Not Pro	esent 🔀			
IS WASTE ANY OF THE FOLLOWIN ☐ Radioactive ☐ Water Reactive ☐ NIOSH Human-Positive Carcinoge	e 🔲 Oxidizer	□s⊦	ist Be Checked. nock Sensitive ne, etc.)	Reactive (oth	er) DOTE	
SHIPPING INFORMATION 1. Is this a DOT Hazardous Material	(49CFR 172.101 &	k 173 Subpart D)? ∐Yes 🖄	Ņo		
2. Reportable Quantity (RQ) in pound	st					
3. DOT Shipping Name Weste	- Non-18	igocate	o Mater	Hazard	d Class	UN/NA
PG ERG Hazardo	ous Constituents fo	or *n.o.s."				
4. Method of Shipment:	Ø Bulk Tanker []Vac truck □	Rail Car □Dru	msTotes		
 Number of Units to Ship Now: Special Handling Requirements inc 		6. Anticipated	d Volume / Units	per Year: 🏒🚧	whie	or One Time
CERTIFICATION STATEME I hereby represent and warrant that it is attached documents. Based on my in information, the information contained material fact has been omitted as to r in the handling and processing of the Technologies not to correct any incomo of the sample characterization and/or	have personally ex quiry and persona d herein is true, ac nake this informat waste material de sistencies. Any co	al knowledge of a corrate, and com- tion misleading. scribed herein. prrections Enviro	those individuals uplete to the best understand tha If this box is che	responsible for s of my knowledge t others may rely cked , I reques	upplying or obtail e and belief. Furt on this represen st Environmental	ning the hermore, no tation and warrant Geo-
Printed Name:				Title:	_4	
Generator's Signature:				Date		
GENERATOR'S Charm Of the waste described in the above referone obtained using any of the applical provided below. If you have problems representative.	renced GENERATO ble sampling meth	RS WASTE PROFILL ods cited in 40 (LE REPORT using CFR 261-Append	an appropriate co lix 1. Fill in the s	ontainer. A repre ampling informati	sentative sample i on in the spaces
1. Q (A) 2. SAMPLING METHOD	COLLECTION	pasess Point				
SAIM SAIM		K	M. L. J. Million			
	eservation: Yes					
5. CHAIN OF CUSTODY Each per Relinquished by:	rson who handles	the sample mus		en the sample pa ved by:	sses from one to Date	another. Time
(Signature)	Date	Time		ature)		111110
]	



Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

I demand the party of the control of	~ . , ,,,,,, , , , , , , , , , , , , , ,
RECEIVING INFORMATION	
Date	4/22/15
Receiving ID# W	ostewite WMetals
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	•
Time in	
Time out	
Received by	J.H.
Sampled by	Clarit

LABINEDRINETEDRE - E			Official English Order	
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)	7 14	٥	Magnesium	
pH (S.U.)	4.3		Sodium Chloride	
Cyanides? (mg/L)	230		Bicarbonate	
Sulfides? (ppm)		රෙර	Carbonate	
Specific Gravity	1.03		TDS	
Physical Description)igu se	<u>A</u>	Resistivity	
Stream Consistency	(Yes)	No	Sulfate	
Oil in Sample	Yes	(4g)		
Temperature	64° j			
Conductivity	27.9~	ک ک		
% Solids	2.7			
Turbidity	Yes	(No)		
Color (visual)	Colorle:			
TSS (%)			A	
Radiation Screen (as needed)	Negativ	re.		
Lab Signature			D HAD	

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

Generator Waste Profile Profile # 〇〇 (ゆん)

GENERATOR INFOR	MATION			
Name: _		USEPA	m#	
Facility Address:		SIC/NAI	CS Code:State Code	A CONTRACTOR OF THE CONTRACTOR
City:		late:	Zip Code:	
Contact		rnone:		
BILLING I		SAME AS ABOVE		
Company Name:		-		
Address:				·
City:		State: _	Zip Code:	
Attention:		he: (ex:	
WASTE INFORMATIO	M			
	mmon Chemical Name:			
ALKA	Live Process a	Vactor	· ·	
Process Generating W	aste (Please be specific, incomple	te information may delay the	approval process):	·
-				<u></u>
USEPA / STATE WAS	TE IDENTIFICATION			
This waste is consider.	<u></u>	ous Liquid Industrial Waste	M Hazardous Waste	
	? Yes No (PCBs, etc.)		•	
3. List ALL Applicable	Waste Codes <u>2002</u> 2007			
PHYSICAL CHARACT	ERISTICS OF WASTE		A A A A A A A A A A A A A A A A A A A	
Color: White/Clear Black/Brown Other	Suspended Solids ☐ 0-1 % ☐ 3-5 % ☐ 1-3 % ☐ > 5%	Layers: Multi-Layered Bi-Layered Single Phase	Specific Gravity:	acce, 5/e3h 2 04.28, 15
pH: □NA □≤	2 🗆 2-4 🔲 4-6	□ 6-8 : □ 8-10	· □ 10 – 12.5 ፳ ≥12.5	
Liquid Flash Point:	<73°F	140°F	>200°F ANone AClose	d Cup 🔲 Open Cup
VOC CONCENTRATION -	· · · · · · · · · · · · · · · · · · ·	PPM (MUST BE COMPLETED)		
•	OF WASTE - MUST BE EQUAL TO	-	ACH CONSTITUENT >/= 0.1%)	
CONSTITUENT		MAX MIN CONST		
Waster		100-99%		%
Chame		1 %		%
		,		
	יי כי			

	•				•
EGT - 28470 Citrin Drive - Romul	us - MI - 48174			Waste Profile -	Page 2
Metals: Indicate if this waste contain Lab Analysis General	ns any of the following mets rator Knowledge	als,. If Generator knowle			
Dioxins ppm Pe Cyanides Reactive ppm Ro Cyanides Total ppm Fu Sulfides Reactive ppm Sulfides Total ppm	Not Concent Present present present present present present ppn sticides	Bariu n Cadr n Chro n Lead n Merc Selei	nic (As) D004 Im (Ba) D005 nium (Cd) D006 mium (Cr) D007 (Pb) D008 ury (Hg) D009 nium (Se) D010 r (Ag) D011	<pre></pre>	ppm ppm ppm ppm ppm ppm ppm ppm ppm
TCLP Organics D012 - D043 above re	gulatory limits: Present 📙	Not Present V			
IS WASTE ANY OF THE FOLLOWIN ☐ Radioactive ☐ Water Reactiv ☐ NIOSH Human-Positive Carcinog	NG? At Least One re ☐ Oxidizer	Box Must Be Checked Shock Sensitive (Benzene, etc.)	☐ Reactive (oth ☐ Biological	er) DOT Expl	
SHIPPING INFORMATION				-	
1. Is this a DOT Hazardous Material	(49CFR 172.101 & 173 St	ubpart D)? □Yes [□No		
Reportable Quantity (RQ) in pour	ds				
DOT Shipping Name			Hazard	Class U	N/NA
PG ERG Hazard	ous Constituents for "n.o.s	jr		· -	· · · · · · · · · · · · · · · · · · ·
4. Method of Shipment:	⊠ Sulk Tanker □Vac tru		rums Totes		
5. Number of Units to Ship Now:				organ	or One Time
Special Handling Requirements in	ncluding PPE:	3	1	· ·	
CERTIFICATION STATEMI I hereby represent and warrant that I attached documents. Based on my i information, the information contains material fact has been omitted as to in the handling and processing of the Fechnologies not to correct any incorp of the sample characterization and/or	have personally examined nquiry and personal knowle ad herein is true, accurate, make this information misle waste material described nsistencies. Any correction	edge of those individua and complete to the be eading. I understand to herein. If this box is co	lls responsible for s est of my knowledge hat others may rely hecked ⊡, I reques Technologies make	upplying or obtaining and belief. Further on this represental at Environmental G	ng the ermore, no tion and warrar ieo-
COLUMN IVALUE C		i e e e e e e e e e e e e e e e e e e e	i iner		
Printed Name:			Title		
			Inte		
GENERATOR'S CHAIN OF the waste described in the above refrone obtained using any of the applications provided below. If you have problem representative.	erenced GENERATORS WAST	re Profile Report usined in 40 CFR 261-Appe	Date NS: PLEASE COlle ng an appropriate condix 1. Fill in the second	act a representative ontainer. A represe ampling information	entative sample in the spaces
GENERATOR'S CHAIN OF the waste described in the above refronce obtained using any of the application of the described below. If you have problem representative. 1	erenced GENERATORS WAST able sampling methods cite is obtaining a representativ	re Profile Report usined in 40 CFR 261-Appe	Date NS: PLEASE COlle ng an appropriate condix 1. Fill in the second	act a representative ontainer. A represe ampling information	entative sample in the spaces
GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application of the	erenced GENERATORS WASTable sampling methods cite is obtaining a representative COLLECTION POINT	re Profile Report using the American in 40 CFR 261-Appers sample of your wastern was to be sampled of your was to be sampled on the was to be s	Date NS: PLEASE COlle ng an appropriate condix 1. Fill in the second	act a representative ontainer. A represe ampling information	entative sample in the spaces
GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application of the	erenced GENERATORS WASTable sampling methods cite is obtaining a representative COLLECTION POINT TITLE, EMPLOYER	re Profile Report using in 40 CFR 261-Appers sample of your waste	Date NS: PLEASE colle ng an appropriate colle and ix 1. Fill in the s p, please contact ye	ect a representative ontainer. A represe ampling information our Environmental (entative sample in the spaces Geo-Technolog
GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the application of the problem representative. 1	erenced GENERATORS WASTable sampling methods cite is obtaining a representative COLLECTION POINT	re PROFILE REPORT using a fin 40 CFR 261-Apperent sample of your wastern and the sample of your wastern and your wastern	Date NS: PLEASE colle ng an appropriate colle and ix 1. Fill in the s p, please contact ye	ect a representative ontainer. A represe ampling information our Environmental (entative sample in the spaces Geo-Technolog

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RECEIVING	26		# <i>\# &</i> \$\#	
LEST A DESC	-	10 1 11 11 11 11 11 11 11 11 11 11 11 11	A 19-17 II	** 8 6** R FARIT

h / f - f - f - f - f - f - f - f - f - f	
RECEIVING INFORMATION	
Date	4/28/15
Receiving ID# RIKe	1: De Process HZ
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator :	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	C1:05

TABINECENAMICATES		ACMINISTRATION OF COMMISSION OF COMISSION OF COMMISSION OF COMMISSION OF COMMISSION OF COMMISSION OF
Compatible? (RT#)	Yes No	Barium
PCBs (ppm)(Oily Waste Only)?	17/A	Calcium
TOC (ppm)(CC Waste Only)?	(A) (N)	Total Iron
Flash Point (°F)	140	Magnesium
pH (S.U.)	129	Sodium Chloride
Cyanides? (mg/L)	. < 30	Bicarbonate
Sulfides? (ppm)	<u> </u>	Carbonate
Specific Gravity	1.04,	TDS '
Physical Description	tav to	Resistivity
Stream Consistency	(Yes) No.	Sulfate
Oil in Sample	Yes (No)	
Temperature	71°F	
Conductivity	57.6 ms	
% Solids	4.1	
Turbidity	(Yes) No	
Color (visual)	Brown	
TSS (%)	0.6	
Radiation Screen (as needed)	Neadoul	
Lab Signature	0	482/1

REC04-01 - Page 1 /