September 30, 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 twenty-second Monthly Report in conformance with the requirements of its two EPA UIC permits (#s MI-163-1W-C010 & MI-163-1W-C011).

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

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

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.

rjp093015/EGT EPA Monthly Report-August 2015



Calculation of Average Injection Rate

CURRENT REPORTING YEAR	2015	<u>.</u> 	
CURRENT REPORTING MONTH	August	_	
Date (month, year) of the first injection	on into either well a	t the Citrin Road Facility NOV	201

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
M	I-163-1W-C010, v	Vell #1-12	
Current Month	463,875	. 0	463,875
Since facility first injected			2,981,882
M	I-163-1W-C011, v	VeII #2-12	
Current Month	149,800	0	149,800
Since facility first injected			1,713,462
		Lifetime Combined	4,695,344

Conversion factors

365.25 days per year \div 12 months per year = 30.4375 days per month 30.4375 days per month \times 1440 minutes per day = 43,830 minutes per month

Calculations

Whole number of months of injection 22

22 lifetime number of months of injection \times 43,830 minutes/month = $\frac{964,260}{}$ minutes of injection

Lifetime combined injected volume $\frac{4,695,344}{964,260} \times \frac{964,260}{964,260}$ gpm average injection rate



WELL 01 Monthly Data

_		Max	Min	Max	Win	May	hain	n. n.				
			Sight Glass	Sight Glass		Annulus	fafe	Injectate		Max	Min	Max
	Ire	<u>e</u>	Level	Level	Pressure	Pressure	PH	DH	Rafe	Rate	Dinerentali	Differential
		1	(in)	(in)	(PSIG)	(PSIG)			(GPM)	_		riessule (Dele)
8/1/2015	12.1	35.2		33.4	900.0	1004.3	2.1	2.1	0 0	1	,	620
8/2/2015	11.3	12.7	32.8	33:1	930.0	944.5	2.1	2.1	00	0.0	018.1	022.4
8/3/2015	6.5	733.2	32.7	35.1	865.9	1208.5	1.6	22	2 6	75.2	364 5	932.4
8/4/2015	-3.9	745.3	32.7	34.9	858.0	1204.4	1	, ~	177	7.0.7	204.3	900.0
8/5/2015	-0.2	746.9	32.7	35.0	852.9	1205.8	14	5 6	7.7.	400.5	7.007	1008.1
8/6/2015	-3.0	737.2	32.9	34.5	892.1	12007	ļ +	2.0	0 7	108.0	7.792	1004.9
8/7/2015	-3.8	728.8	32.8	34.4	807.1	1208.1	- -	5.5	11.6	107.7	305.7	1006.7
8/8/2015	-2.8	-0.7	32.5	33.1	- 600	1005.1	-	4.0	6.7	105.2	349.4	1003.7
8/9/2015	-3.1	22	32.5	32.6	0.00.0	- COO.	4.4	6.4	00	0.0	902.0	1006.4
8/10/2015	83	746.4	32.5	34.7	911.1	337.0	4.2	4.4	0.0	0.0	979.6	995.5
8/11/2015	833	5.2	32 E	20.0	020.0	1200.3	2.0	5.0	12.7	92.2	260.7	1014.4
8/12/2015	-6.7	2 4	32.6	32.0	7 44 7	8.088		1.2	0.0	0.0	950.8	1004.0
8/13/2015	99	730.1	32.6	34.0	931.0	944.8	1.1	1.2	0.0	0.0	937.2	951.4
8/14/2015	999	746.3	32.5	04.0	5.5.0	1203.8	7,	2.4	15.1	116.2	265.2	980.3
8/15/2015	2 2	76/1	22.5	33.0	0.4.0	6.681.1	0.1	2.6	11.9	91.9	240.0	1012.5
8/16/2015	7 7	1.10	32.3	35.3	763.5	1206.4	8.	9.9	10.8	209.1	249.1	1003.3
8/47/2045		755.0	32.3	33.2	900.0	1006.7	2.0	2.1	0.0	0.0	901.3	1004.5
8/48/2045	6.1.0	753.0	32.5	34.9	884.5	1203.9	4.8	2.5	11.1	100.3	226.1	972.4
0/10/20/13	47.3 000	0.107	33.1	35.4	884.1	1206.6	1.7	2.5	25.0	83.3	218.3	945.3
0/19/2019	0.00	745.0	33.8	35.2	897.4	1199.5	1.4	2.4	37.1	73.7	239.9	914.8
8/24/2045	7.00.7	740.0	33.1	35.5	846.2	1209.0	1.7	3.0	33.5	86.8	254.5	921.5
8/22/2015	20.0	730.5	55.5	35.6	859.5	1201.9	1.3	2.6	28.2	83.3	252.6	937.0
010212010	0.00	7.77	33.2	34.4	900.0	1203.3	1.6	2.1	11.3	75.3	323.9	920.3
8/24/2015	69 5	75.24	32.7	33.3	900.0	1004.6	1.7	1.8	0.0	0.0	801.5	899.4
01024270	2 2	1.261	32.0	35.4	872.3	1208.0	1.6	2.4	31.5	84.1	230.4	927.7
77077570	32.7	746./	33.0	35.1	888.7	1207.6	1.9	2.2	15.1	69.2	221.5	940.8
G102/02/0	-	748./	32.9	34.5	891.0	1206.2	1.8	2.5	6.1	74.1	331.1	1007.2
6102/12/0	7!-	745.8	32.5	34.4	886.5	1202.3	1.8	2.6	3.5	75.8	235.1	1003.7
CL02/87/8	7.0	6.10	32.5	34.5	894.6	1201.5	2.0	2.8	8.6	77.5	280.8	977.2
GL02/82/0	40.9	57.4	32.7	32.9	913.0	946.0	2.5	2.6	0.0	0.0	865.5	895.1
8/30/2015	45.6	47.5	32.7	33.0	901.6	913.0	2.5	2.5	0.0	0.0	855.6	866.2
8/31/2015	31.1	739.5	32.4	33.9	839.9	1204.4	1.8	3.0	3.6	61.8	340.6	957.7

Circle Chart Index

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

Chart Recorder #1

Channel #1

Blue Pen - Well 1 Injection Pressure

Channel #2

Red Pen - Weil 1 Annulus Pressure

Channel #3

Green Pen - Well 1 Flow Rate

Channel #4

Black Pen - Weil 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 - Weil 2 Annulus Tank Level

Chart Recorder #3

Channel #1

Blue Pen - Injection pH Well 1 & 2

Channel #2

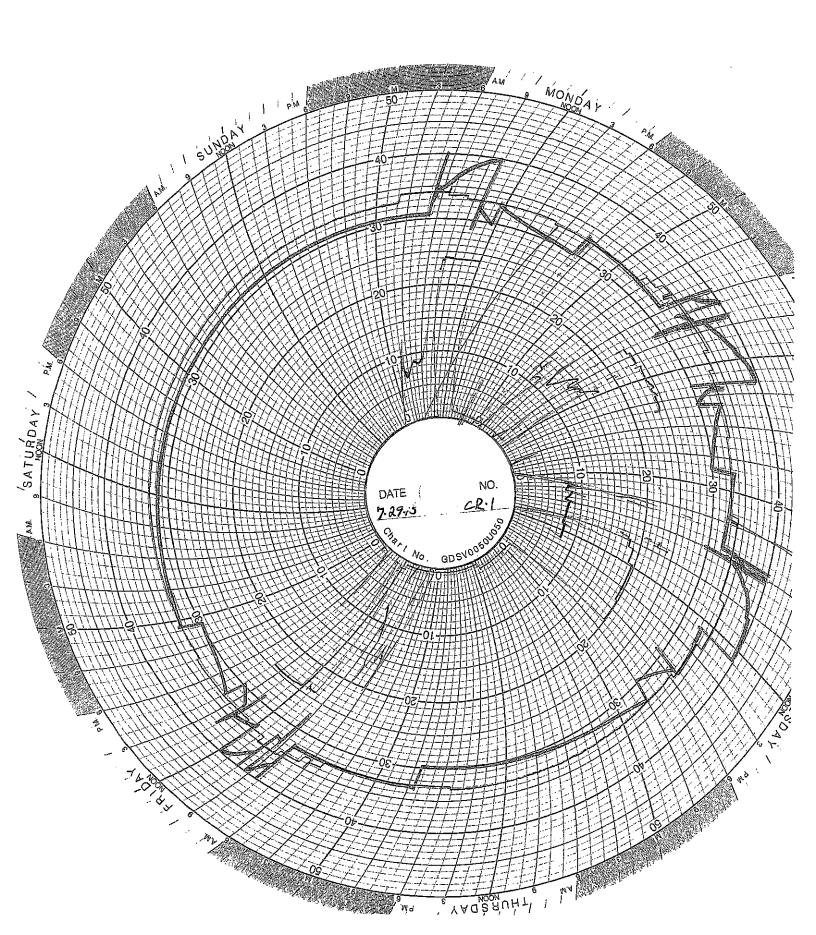
Red Pen - Well 1 Monthly Volume

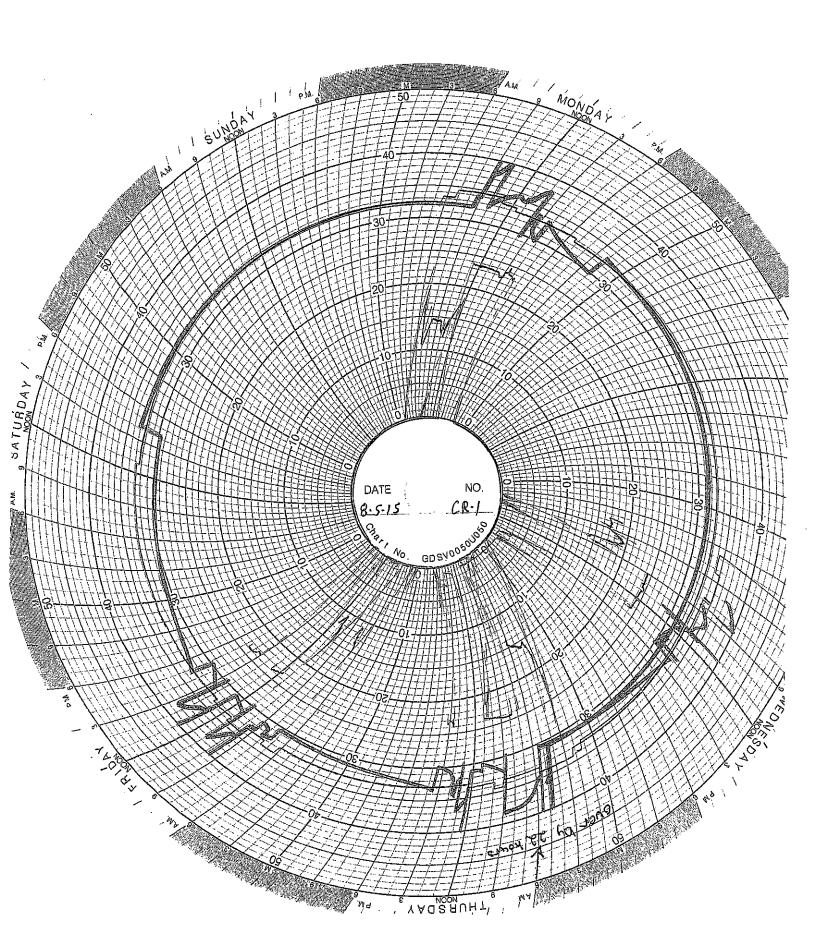
Channel #3

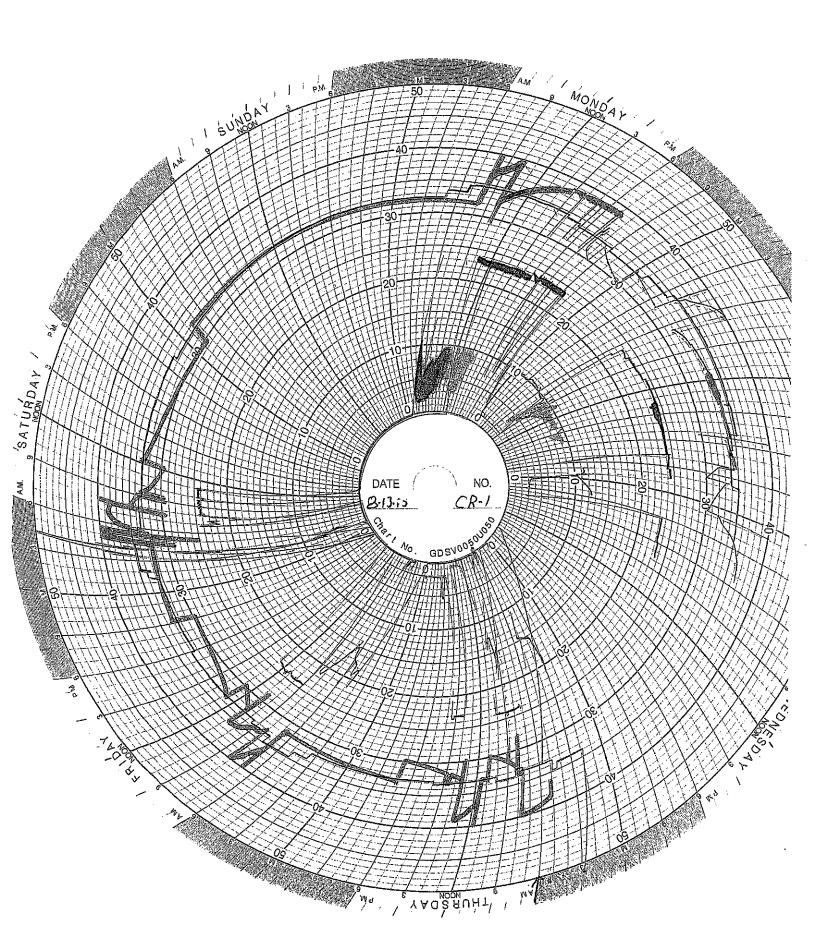
Green Pen - Well 2 Monthly Volume

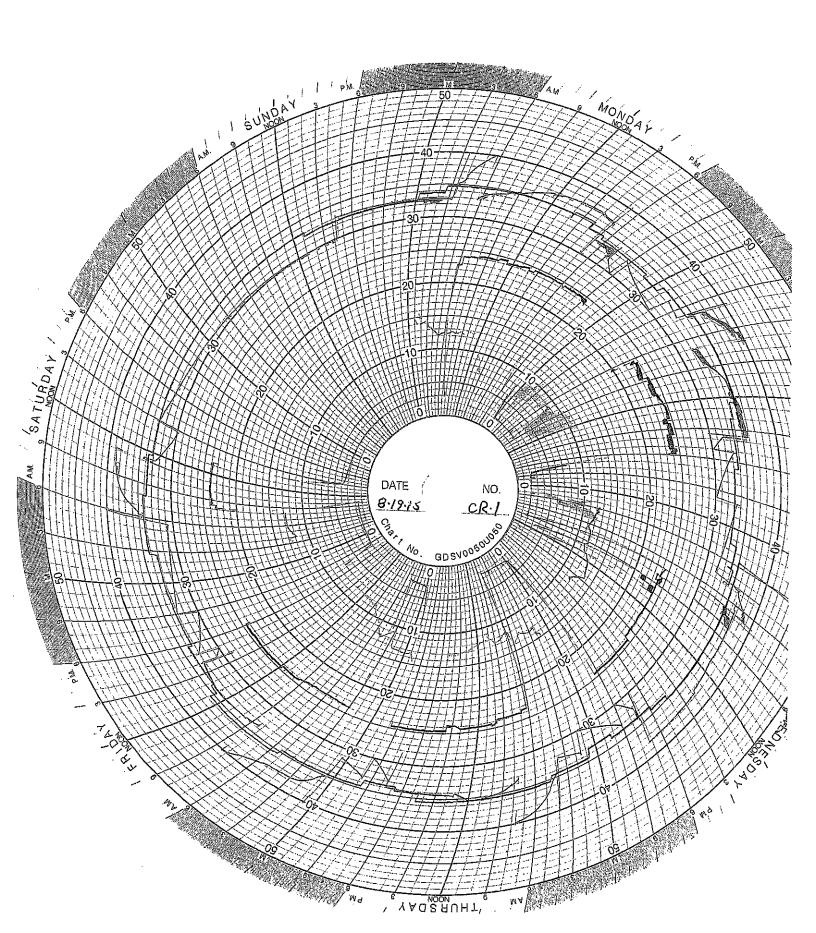
Channel #4

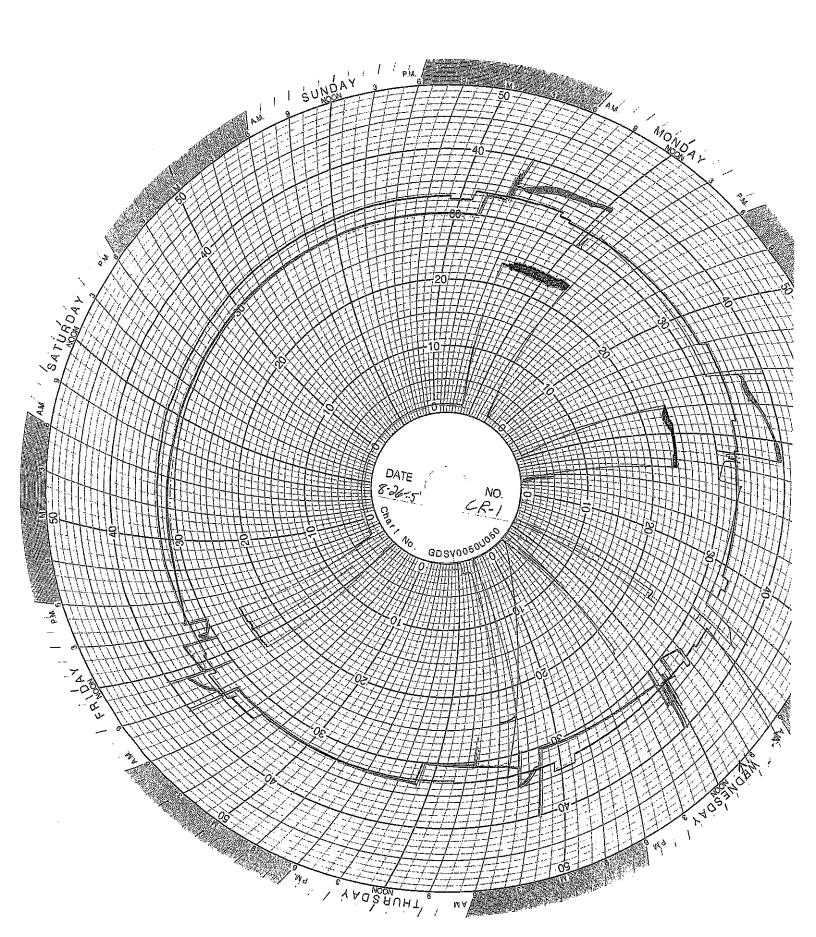
Black Pen - Temperature

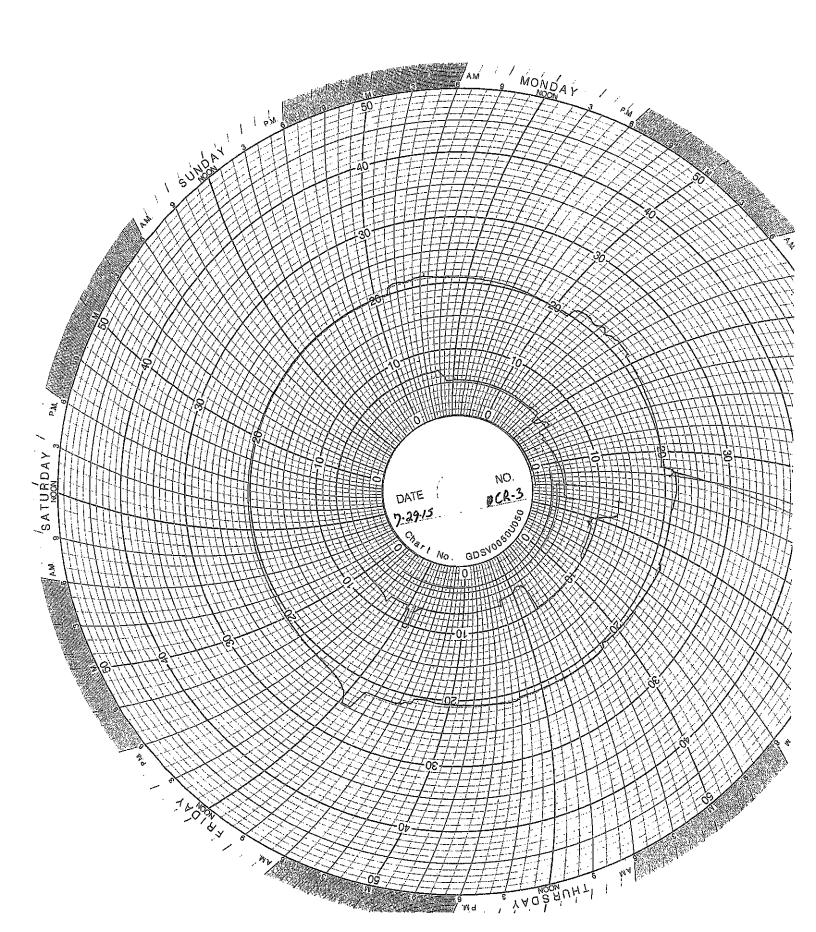


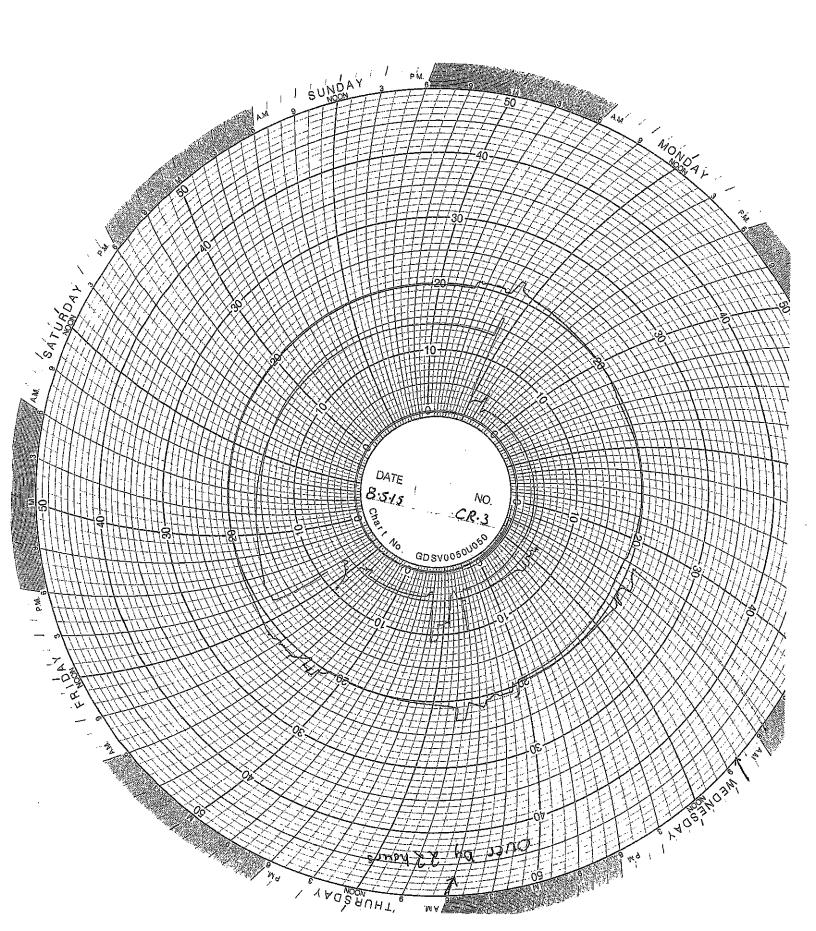


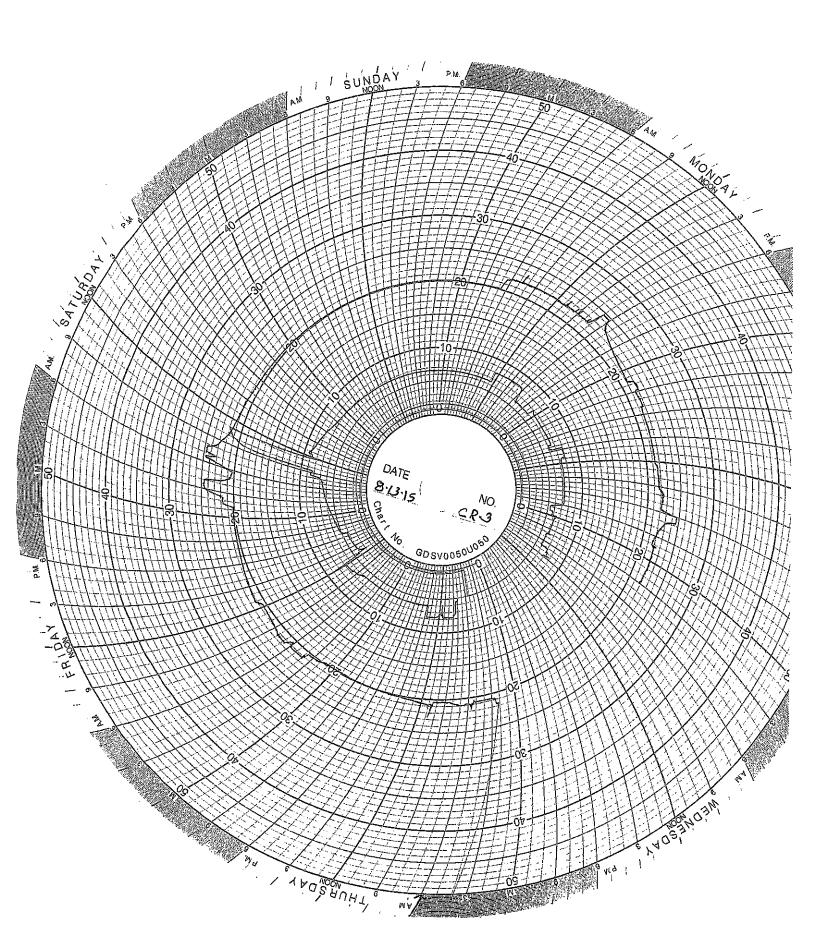


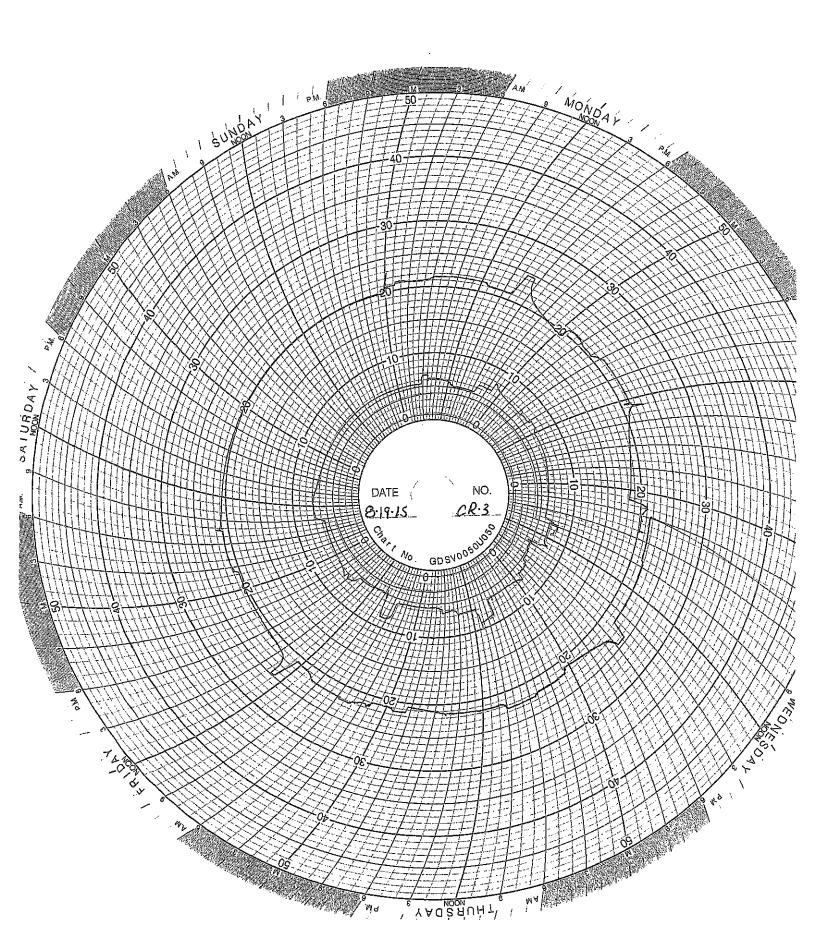


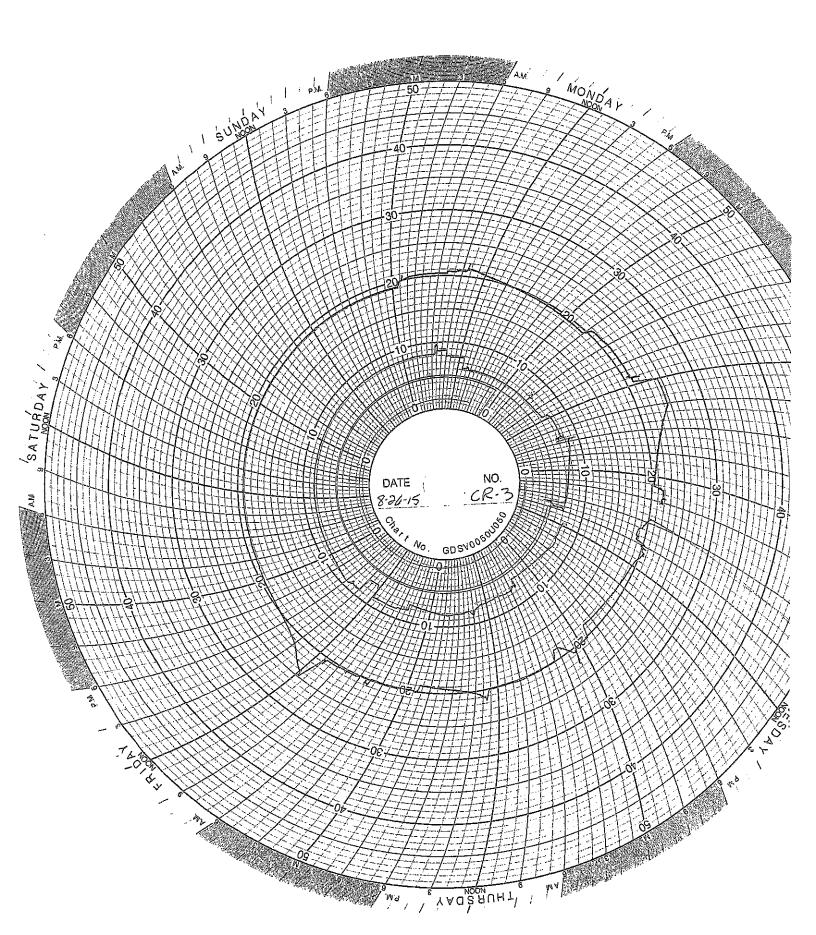












WELL 2 DATA

Well 02 Monthly Data

Injection Pressure (PSIG) 28.4 28.4 27.4 -4.3 -6.7 -5.7 -5.7 -5.7 -5.8 -5.8 -5.8 -5.8 -5.8 -5.8 -5.8		Sight Glass					₹ 0		XEA		7
Pressure (PSIG) 28.4 27.4 -4.3 -6.7 -6.8 -10.0 -5.7 -5.7 -5.8 -5.8 -5.8 -5.8 -5.8 -5.8 -5.8 -5.8			Sight Glass	Annulus	Annulus	Injectate Injectate	Injectate	H Sve	30	Difforontoil	
(PSIG) 28.4 27.4 -4.3 -6.7 -6.7 -6.1 -6.1 -5.4 -5.8 -5.8 -5.8	2	ē.	Level	Pressure	Pressure	H	DH PH	Rate	Rafe	Presente	Dinerendal
	(PSIG)	(in)	(in)	(PSIG)	(PSIG)			9	(GPIM)	(PSIG)	rressure
	43.0	19.4		299.9	404.4	2.1	2.1	Т	0 0	270 E	260 E
	28.5	19.4	20.2	372.6	384.9	2.1	2.1	0.0	0.0	245.1	256.4
	47.6	19.3	20.0	352.6	373.2	1.6	22		30.0	324.7	379.7
	746.8	17.0	22.4	299.7	1200.7	1.1	1 8	17.2	82.4	245.1	97.3.7
	746.2	16.9	21.2	313.3	1204.7	1.4	20	! O &	130 1	227.1	1000
	745.9	16.8	21.3	300.0	1200 0	-	2,2	117	1.00	234.0	1009.8
	747.8	16.6	20.9	300.0	1202.0		5.4	- α	175.5	480.0	7.096
	-5.4	18.8	19.4	300.0	408 4	44	404	2 0	5.0.0	169.2	1021.1
	-5.4	18.5	19.3	326.3	342.0	1.7	2 4	2 0	200	900.8	413.9
	746.8	16.1	21.2	2000	1204 4	7 7	4.4	0.0	0.0	331.9	347.6
	2 4	1.0.1	20.4	233.3	4.102.0). O	5.0	8.9	9.88	277.1	967.1
	2 0	10.0	4.6.	320.9	399.6	-	1.2	0.0	12.5	332.2	404.3
	5,0	18.8	18.9	313.7	327.2	7.7	1.2	0.0	0.0	319.5	332.6
	4 ان	18.8	19.1	309.2	314.4	1.2	2.4	0.0	0.0	314.6	320.1
	7.4	18.5	19.3	305.4	309.8	1.0	2.6	0.0	0.0	310.8	315.2
	6.4	18.6	19.3	302.2	306.0	1.8	9.9	0.0	0.5	307.8	311.5
	-5.6	18.0	19.3	299.9	407.7	2.0	2.1	0.0	0.0	305.8	413.4
	-5.5	18.0	18.8	396.7	400.6	1.8	2.5	0.0	0.0	402.3	406.7
	8	18.1	18.9	394.7	397.0	1.7	2.5	0.0	0.0	399.7	402.7
	-3.7	18.1	18.8	393.5	395.4	1.4	2.4	0.0	0.0	397.8	400.2
	-3.5	18.2	18.8	391.0	394.1	1.7	3.0	0.0	0.0	395.0	398.2
	-3.6	18.0	18.8	388.1	391.7	1.3	2.6	0.0	0.0	392.6	395.6
	4.3	18.1	18.9	384.9	388.7	1.6	2.1	0.0	0.0	390.0	393.3
	-5.2	18.0	18.8	381.7	385.5	1.7	1.8	0.0	0.0	387.5	390.7
- 1	4.4	18.0	18.8	380.6	384.1	1.6	2.4	0.0	9.0	386.5	388.7
	4.8	18.3	18.5	379.4	382.8	1.9	2.2	0.0	9.0	384.7	387.6
	722.8	16.5	18.4	378.0	1134.7	1.8	2.5	1.2	115.1	132.5	823.1
	750.7	14.0	19.0	769.5	1206.4	1.8	2.6	19.5	9.78	157.2	1001
	746.3	13.1	17.1	299.8	1203.1	2.0	2.8	19.2	9.68	-14.4	994.3
	58.4	15.2	15.8	300.1	404.8	2.5	2.6	0.0	0.0	253.8	352.6
`	43.9	14.8	15.8	348.5	367.5	2.5	2.5	0.0	0.0	306.5	323.7
8/31/2015 2.8	733.9	12.9	17.3	299.8	1202.4	1.8	3.0	10.2	68.2	138.1	826.7

Circle Chart Index

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

Chart Recorder #1

Channel #1

Blue Pen - Well 1 injection Pressure

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

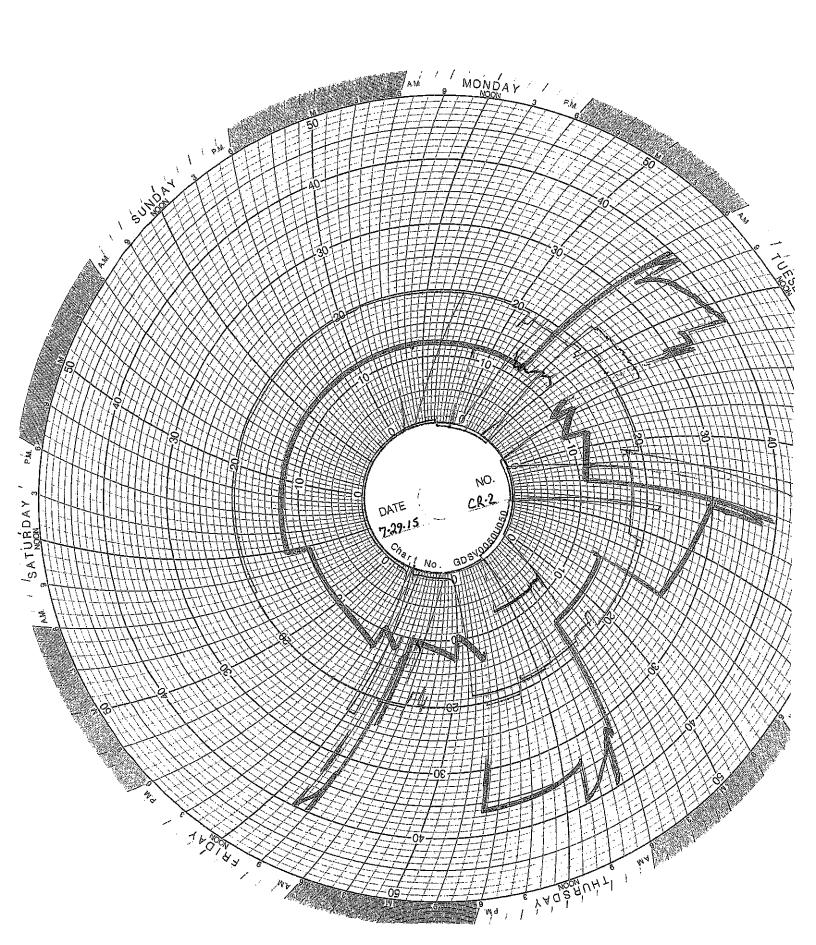
Red Pen - Well 1 Monthly Volume

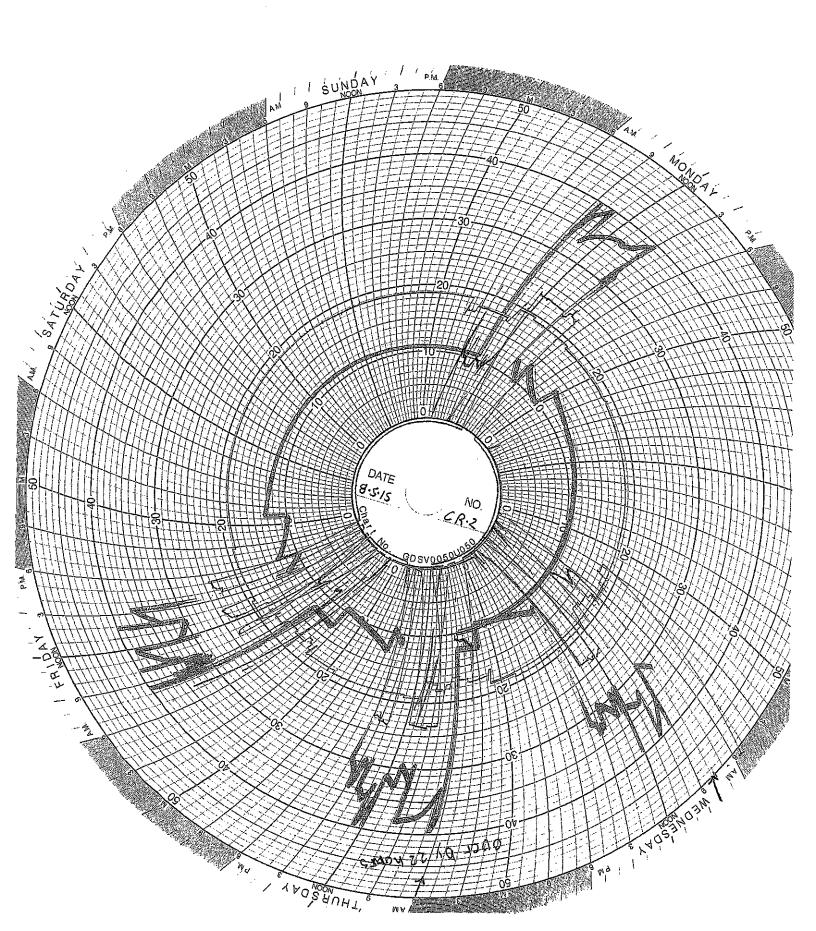
Channel #3

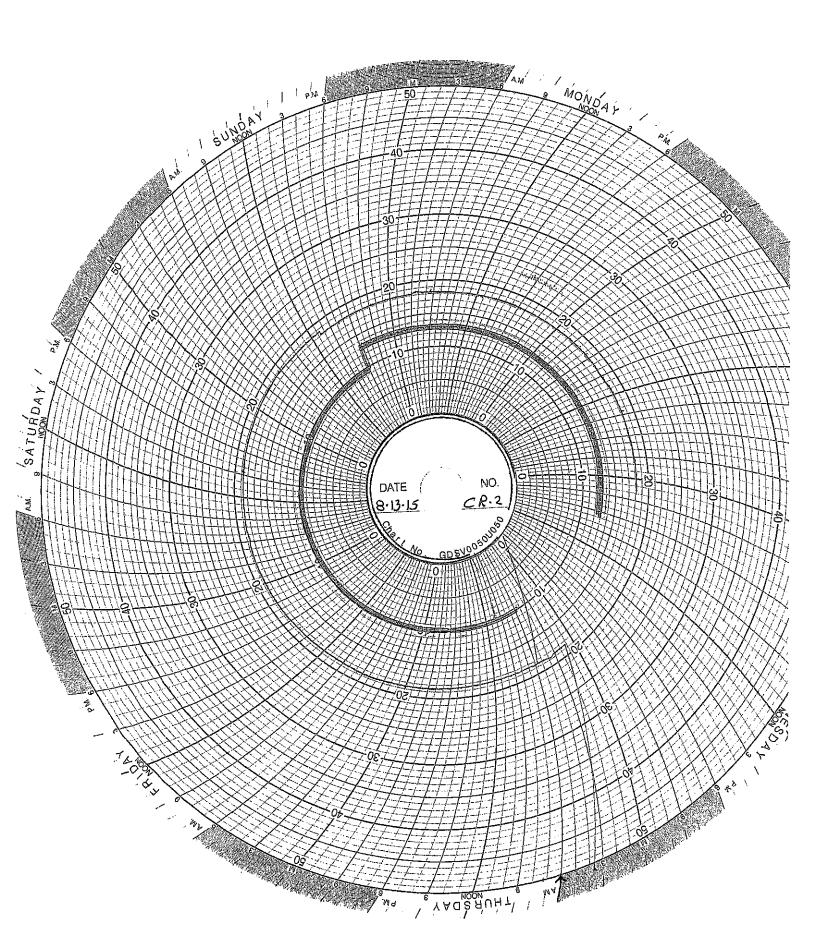
Green Pen - Weil 2 Monthly Volume

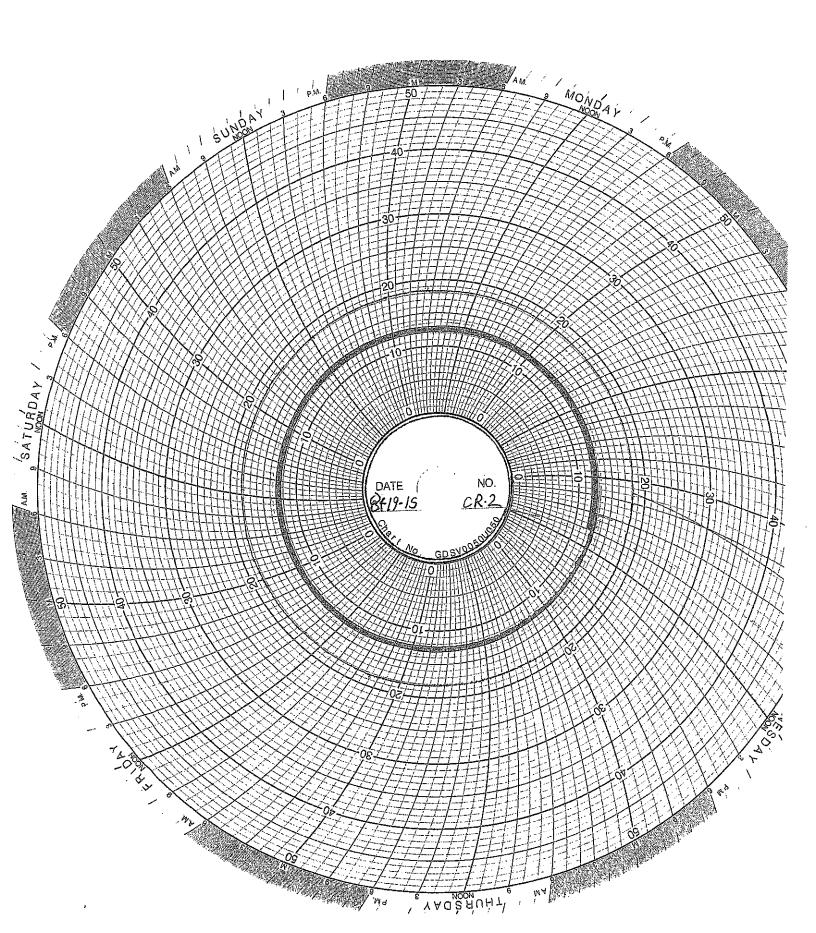
Channel #4

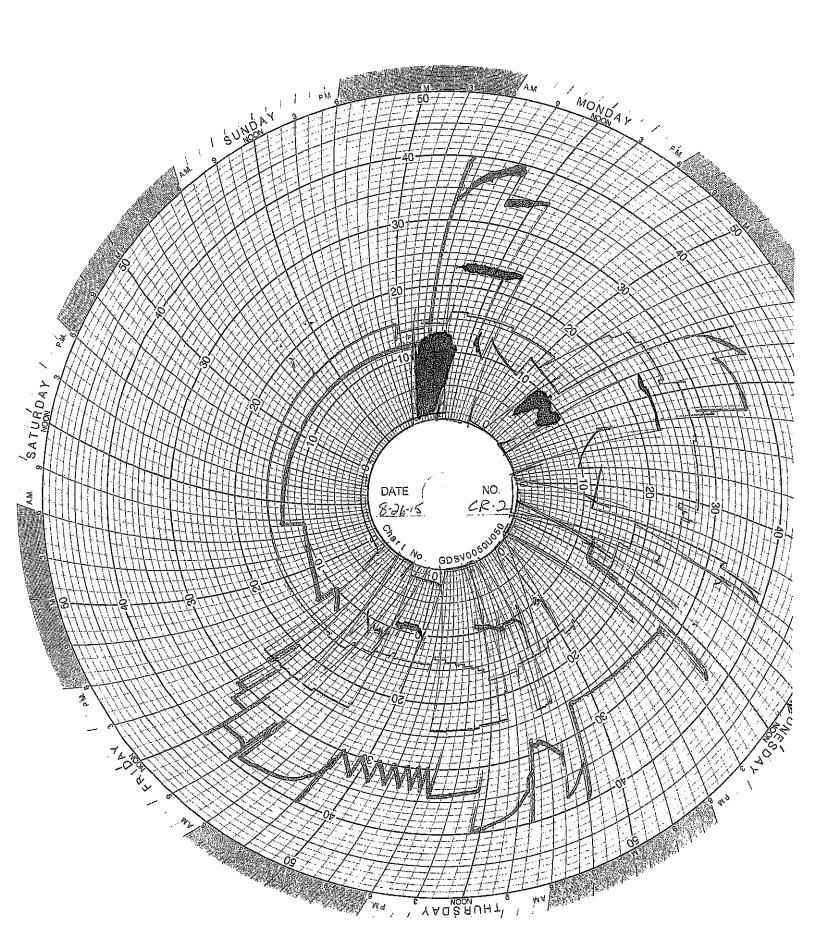
Black Pen - Temperature











MAINTENANCE LOG

UIC Monthly Maintenance Log

Danaired singline of the :- 1.11	Injection num was removed and at the Solation Valve	The party was removed and self out to the mechanical seal	Nephrocal In Sain Middle of the Injection Probe	The value nort on injection among a discharge The value	Modern of Manager of Figure 1 and 1	Installed nine trace in discharge seals of the seals of the	Rentaced the 3" nivale that wanted the internal pumps	Spraced the trial Hours the Injection garde
Well 2 Isolation valve	Well 2 Injection pump removed	Injection pH probe	SST Tank	Well 2 discharge pipe repair	Well 1 discharge pipe repair	Well 1&2 discharde tee	Wellhead 2	
8/3/2015	8/7/2015	8/7/2015	8/13/2015	8/24/2015	8/25/2015	8/26/2015	8/26/2015	

CORROSION MONITORING

CORROSION MONITORING COUPONS BASELINE VISUAL DESCRIPTION

November 4, 2013

Fiberglass

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

Hastelloy

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

Stainless Steel

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

CORROSION MONITORING COUPONS VISUAL DESCRIPTION

Aug 26, 2015

Fiberglass Coupon

The observation is the same as last Month. The coupon is dark orange (rust) in color with similar semi-smooth textures on both sides. There is a black coating on the coupon. Its cut edges appear sanded. The coupon is free of pits, cracks, swelling, wicking and blemishes.

Hastelloy Coupon

This coupon is identified as C276 with Serial Number 5. The coupon is silver in color with a lightly sandblasted texture. It is clean and free of pits, cracks, and blemishes.

Stainless Steel Coupon

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

CORROSION MONITORING PLAN COUPON SUMMARY

Date	Hastelloy	Stainless Steel	Fiberglass	
	(C267)	(316L)	(Redbox)	
12/19/2013	13.330 g	10.848 g	7.309 g	Initial Mass @ start up
2/21/2014	13.329 g	10.846 g	7.306 g	'
3/10/2014	13.327 g	10.845 g	7.300 g	
4/18/2014	13.324 g	10.841 g	7.272 g	1
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	1
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
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	1
5/21/2015	13.336 g	9.124 g	6.809 g	
6/12/2015	13.334 g	9.126 g	6.819 g	1
7/27/2015	13.337 g	9.127 g	6.818 g	'
8/26/2015	13.337 g	9.022 g	6.780 g	•

GHESQUIERE PLASTIC TESTING, INC.

20460 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (313) 885-2535 PAX (313) 885-1771

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

<u> Hardness</u>

Specimen 1

90

Specimen is being returned with this report for further evaluation.

GHESQUIERE PHASTIC TESTING, INC.

M. W. Ghesquiere

President

MWG/kni

Our letters and reports are for the exclusive use of the client to whom they are addressed, and shall not be reproduced except in tail without our written approval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualifies of apparently identical or similar products. The letters and reports and the rative of chesquiere Plastic Testing, inc., are not to be used under any olcumelances in advertising to the general public, samples, extra and related test materials will be destroyed 30 days after the date of the final report unless the client indicates otherwise in writing.

TOTAL 1 PAGES

20450 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (313) 885-8535 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

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).

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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:

٠. ٠.

BARCOL HARDNESS

es in the magnitude of the color

Hardness

. Specimen 1 90

· 1000年 100

ويعمر ومساور

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

ghesquiere paastic pesting, in

CONTRACTOR CONTRACTOR SERVICES

No. 16.2

M. W. Ghesquiere

President

MWG/dm

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TOTAL 1 PAGES

GHESQUIERE PLASTIC TESTING, INC.

1997年(1994年) - 1994年(1994年) - 東京市東京大学(1994年) - 1994年(1994年)

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

> 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:

(基本) 医大量 (1945年) 1、 W. C.

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. PERMITTED STORY

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.

GHESOUIERE PLASTIC/TESTING, INC.

Ghesquiere

President

MWG/dm



October 2, 2014

PN 118325 PO Attn:John Frost

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By:

— Melissa Martin Sf. Project Technician vB-bevõrd¢

Jim Drummond
Physical & Plastics Testing, Manager

ACCREDITED ATGRITHMENT

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 B

WellserMartin Sr. Project Technician Approved By:

Scott W. Yates

Plastics Testing Assistant Manager

INJECTION FINGERPRINTS

REGENTING NEORMAHIONS		
Date	8/3	175
Receiving ID#	I0803	1501
Manifest# Line:		
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator		
Client		
Transporter .		
Time in		
Time out		•
Received by	J.H	
Sampled by	77	



	LAS INFORMATIONS AND ALLES			Ognela Brigas Only	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste			·	
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
_	Flash Point (°F)		140	Magnesium	
to comp	pH (S.U.)	2)	Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.00	o	TDS	3.9 7.
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Ýes	· No	•	
	Temperature	.77°F	 		
	Conductivity	78.3	~S	,	
	% Solids	3,9			
. [Turbidity	Yes	No		
	Color (visual)	•			
_[TSS (%)	40,	,]		
	Radiation Screen (as needed)	<i>H</i>			
	Lab Signature		s.A	> HM	
		R	04-01 Pag	ge 1	

RECEIVE NEORWATIONS		
Date		115
Receiving ID#	1080	41501
Manifest# Line:		
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator		
Client		. :
Transporter		
Time in		
Time out		•
Received by	5.H	
Sampled by	88	



	TABINICORVATION:				
	Alav/aste Shipments			- Chield Brines Only A	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste Only)?			Calalium	
	TOC (ppm)(CC Waste Only)?	 .		Calcium	
noniri			T.S.	Total Iron	
	Flash Point (°F)		10	Magnesium	
, married	pH (S.U.)		1	Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1,07		+TDS	4.7%
Į	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Ýes	· No		
- [Temperature	8207	ero es	,	
	Conductivity	93.2			
- [% Solids	4.7			
	Turbidity	Yes	No		
	Color (visual)		· · · · · · · · · · · · · · · · · · ·		. (2
_	TSS (%)	(0.	.)		
	Radiation Screen (as needed)		2		
				11. 21/	
L	Lab Signature			100 //	
	•				7

REC04-01 / Page 1

		Ø117171
RECEIVING INFORMATION		u tra
Date	8/0	24/15
Receiving ID#	IUDO	341502
Manifest# Line:		1 2 2 2
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter	,	
Time in		
Time out	· · · · · · · · · · · · · · · · · · ·	
Received by	S.H).	À
Sampled by	1 / A	



	KAN SELECTION OF THE SE		2	-	
	LABINEOPMATION 1. 4.1.			Ollpeld Brians Cally	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste				
•	Only)?		······································	Calcium	· · ·
	TOC (ppm)(CC Waste Only)?	<u> </u>		Total Iron	
COM.	Flash Point (°F)		140	Magnesium	
thanker:	pH (S.U.)	1.8		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.06	Ø =	TDS	4.12.
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	•
	Oil in Sample	Ýes	· No		
272	Temperature	78°		,	
بين	Conductivity	81.9.	- 5	,	
-	% Solids	41	NG-13		
	Turbidity	Yes	No		
	Color (visual)	•			
-[TSS (%)	(01)		A N	
	Radiation Screen (as needed)	1			
	Lab Signature		Del	YAH	
	·	DEC0	14 02 P		
		TECU	14-91 – Pag	ET N	

RECEIMINGUNFORMATION		
Date .	8/4	115.
Receiving ID#	12080	41503
Manifest# Line:		
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator (
Client		
Transporter		
Time in	,	
Time out		
Received by	<u></u> <u> </u> <u> </u> <u> </u>	H ,
Sampled by	32	



	TEABUNEORIWATION: 25 E			CINE COBAINES CAIVE.	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste		· · · · · · · · · · · · · · · · · · ·		
	Only)?	<u></u>		Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
	Flash Point (°F)		140	Magnesium	
*****	pH (S.U.)	2.0:		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
• .	Sulfides? (ppm)		_	Carbonate	
_	Specific Gravity	1.08	¢.	-TDS	4.87.
	Physical Description	a a		Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes ·	No		
	Temperature	80°F			
	Conductivity	9621 m	5	, ,	
	% Solids	4 8		•	
	Turbidity	Yes	No ·		
ſ	Color (visual)	•			
	TSS (%)	(0.1			
ſ	Radiation Screen (as needed)				
	Lab Signature			, 7//	·
	•	RECO4	01 – Pag	el W	,

RECEIMING MEDRINATION		
Date	8/5/	15
Receiving ID#	工080518	501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter .		
Time in		
Time out		
Received by	J.H.	
Sampled by	188.	



				J '		
	LAB NEORMATION 23 LET					
·	All Wasie Shightenes			OlifeldrEnjres-Only		
	Compatible? (RT#)	(Yes)	<u>No</u>	Barium		
	PCBs (ppm)(Oily Waste	ļ				
	Only)?		· · · · · · · · · · · · · · · · · · ·	Calcium		
	TOC (ppm)(CC Waste Only)?			Total Iron		
	Flash Point (°F)	/	40	Magnesium		
Art areas	pH (S.U.)	- 1.6	<u> </u>	Sodium Chloride		
	Cyanides? (mg/L)	<u> </u>		Bicarbonate		
	Sulfides? (ppm)			Carbonate		
-	Specific Gravity	1.08	}	-TDS	8.97.	
	Physical Description			Resistivity	0, 5	
	Stream Consistency	Yes	No	Sulfate		
	Oil in Sample	Yes	. No	·		
	Temperature		F	•		
***	Conductivity	177.	3,5	•		
	% Solids	8.9				
ſ	Turbidity	Yes	No			
	Color (visual)	•				
_	TSS (%)	(0.)			
	Radiation Screen (as needed)					
	Lab Signature			3 X // //		
	REC04-01 - Page 1					

PEGEMING NEOFMATIONS	
Date	8/5/15
Receiving ID#	108051502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time in	•
Time out	
Received by	_5.7/.
Sampled by	.48.



		·			•
	LAB INFORMATIONAL TABLES ALLA VASIES SALVERS ALLA VASIES ALLA VASIES SALVERS ALLA VASIES ALLA VASI			The Balling Comments	
	Compatible? (RT#)	Yes	No	Barium ·	
	PCBs (ppm)(Oily Waste Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	·
-	Flash Point (°F)	>/	40	Magnesium	
teamp	рН (S.U.)	la	5	Sodium Chloride	·
	Cyanides? (mg/L)			Bicarbonate	
•	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1,1	1	+TDS	6.27.
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	,
	Oil in Sample	Yes	· No	·	
	Temperature	පිර			
~	Conductivity	1235	5m5		
	% Solids	6.	2_		
	Turbidity	Yes	No		
	Color (visual)	·			
_	TSS (%)	20	<i>。</i> 》		
	Radiation Screen (as needed)				
	Lab Signature			J. J. J.	1/2

		.0 .0 p
REGENANGINFORMATION		
Date	8/4	115
Receiving ID#	I0806	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client	·	
Transporter		
Time in		
Time out		
Received by	out.	
Sampled by	AN.	



	LABUNIFORMATION A			Official Baines Only C	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(0ily Waste				
	Only)?		· · · · · · · · · · · · · · · · · · ·	Calcium	·
	TOC (ppm)(CC Waste Only)?	<u> </u>		Total Iron	
tac	Flash Point (°F)		> 149	Magnesium	
te carry	pH (S.U.)	1.6	•	Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
٠.	Sulfides? (ppm)			Carbonate	
_	Specific Gravity	1.08	. =	-TDS	5.17
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	. No		
,	Temperature	76 1	*		
٠.,	Conductivity	100.8			
-	% Solids	5,1			
	Turbidity	Yes	No	•	
	Color (visual)			V	
[TSS (%)	< C	, ,		
	Radiation Screen (as needed)	,		6 2 4.	
	Lab Signature			W/M	
	•	DE@	04-01 – Pag	V WI	
		nge.	na-ot – Lag	C T .	

RECEIVING INFORMATION		
Date	8/6	115
Receiving ID#	1080	61502
Manifest# Line:	. '	
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator :		
Client		
Transporter		
Time in		
Time out		
Received by	<i>O.t)</i> .	a. II
Sampled by		4



	LABINEORWATION (*) All Waste Shipments			· Oikeld Briggs Only	
	Compatible? (RT#)	(Yes/	No	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
·	Flash Point (°F)	214	<u> </u>	Magnesium	
-	pH (S.U.)	<i>′</i> 3.	. 4	Sodium Chloride	·
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.18		TDS	5.8%
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
-	Temperature	85	; = F		
[Conductivity	116.	1 5	,	
- [% Solids	5,8	B	·	
L	Turbidity	Yes	No		
	Color (visual) ·	•			^
_[TSS (%)	(0,			
	Radiation Screen (as needed)		•		
	Lab Signature			10 KJ	

REC04-01 - Fage 1

RECEIMING INFORMATION		
Date	18/7	115
Receiving ID#	108	071501
Manifest# Line:		
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		J.H.
Sampled by	· K	V.



	LABANTORMATIONS			Total	
	Compatible? (RT#)	Yes)	No	Barium	
	PCBs (ppm)(Oily Waste				
i	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron .	
	Flash Point (°F)	3 140)	Magnesium	
	pH (S.U.)	10	a)	Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-[Specific Gravity	1,28		TDS	7.89
	Physical Description			Resistivity	· ·
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
-[Temperature	770F			
-[Conductivity	154.5	co S	-	
- [% Solids	7.8		,	
	Turbidity	Yes	No		
	Color (visual)		,		
Ł	TSS (%)	(0.)			·
	Radiation Screen (as needed)		N.		
	Lab Signature			8/2	
		REC04	-01/ Pag	ge 1	

RECEIVINGINFORMATION	
Date	8/7/15
Receiving ID#	IN1502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	6
Generator :	
Client	
Transporter	
Time in	
Time out	
Received by	S.H.
Sampled by	38



	LABINEORWATION TO THE ALL Waste Chipments			d Olinela: Binnes Oliny (
	Compatible? (RT#)	/Ye/s	No	Barium	
	PCBs (ppm)(Oily Waste		```		
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?	-		Total Iron	
-	Flash Point (°F)	> 1	40	Magnesium	
-	pH (S.U.)	2.4		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
	Specific Gravity	1.07		-TDS	4.07.
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Ýes	No	·	
	Temperature	76°F			
-	Conductivity	79.9.		·	
	% Solids	4.5			
	Turbidity	Yes	No	, "	
	Color (visual)	•			
_	TSS (%)	0.5		^ A	
	Radiation Screen (as needed)				
	Lab Signature			10/0	1_
_		 			

Environmental Geo-Technologies, LLC.

	RECEIVING & APPROV		RM
	RECEIVING INFORMATION		
-	Date	8/10	115
i	Receiving ID#	TOSI	01501
	Manifest# Line:		
	Land Ban Cert included	Yes	No
	EGT Approval#		
	Generator		
	Client		
	Transporter		
	Time in		
	Time out		
-[Received by	(QT)). /
- [Sampled by	W	
F	CONTROL CONTRO		· · ·



			4;	<u>-</u> .	
	LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
	Compatible? (RT#)	Yes	No	Barium	**************************************
	PCBs (ppm)(Oily Waste Only)?				
	TOC (ppm)(CC Waste Only)?			Calcium	
	Flash Point (°F)		8	Total Iron	
-		1) 140_	Magnesium	<u> </u>
	pH (S.U.)	1.5		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)	ĺ		Carbonate	
	Specific Gravity	1.07	7	TDS	4.62.
	Physical Description.			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
_	Temperature	770.	Į.		
-	Conductivity :	91.8	. <		
	% Solids	4,6			
	Turbidity	Yes	No		
	Color (visual)				•
	TSS (%)	600			
	Radiation Screen (as needed)	,	N		
-	Lab Signature		1/6	MAL	

REC04-01 - Page 1

Environmental Geo-Technologies, LLC.

	RECEIVING & APPROV	/AL FO	RM
	RECEIVING INFORMATION		
	Date	8/1	0115
	Receiving ID#	TON	0(502
	Manifest# Line:		,
	Land Ban Cert included	Yes	No .
	EGT Approval #		
	Generator		
	Client		
	Transporter		
	Time in		
	Time out		
	Received by	J. !	<u> </u>
-بـ	Sampled by	1	1



		-/ -	<u>n</u>	_	
	LAB ÎNFORMATION: All Waste Shipments:			Oilfield Brines Only:	
	Compatible? (RT#)	Yes	No.	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
_	Flash Point (°F)	51	40	Magnesium	
	pH (S.U.)	1.1		Sodium Chloride	
	Cyanides? (mg/L)		-	Bicarbonate	,
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.02		TDS	2.1
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
_	Temperature	76°;	7	•	
	Conductivity	40.9	. (
	% Solids	2.1			
	Turbidity	Yes	No		
	Color (visual)				
-	TSS (%)	40,1		^ ^	
	Radiation Screen (as needed)				
- [Lab Signature			1/0 XX	

REC04-01 - Page

RECEIVINGINEORIVATION		
Date	8-13-1	5
Receiving ID#	I 02/3/	501
Manifest# Line:		7
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	To .
Sampled by	WA	



TABINEORWATIONS ALL			Official Brines Only	
Compatible? (RT#)	Yes)	No	Barium	,
PCBs (ppm)(Oily Waste				
Only)?	ļ		Calcium	
TOC (ppm)(CC Waste Only)?		······································	Total Iron	
Flash Point (°F)	`	>140	Magnesium	
pH (S.U.)	1,4	,	Sodium Chloride	·
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	•
Specific Gravity	1.0	9	TDS	4.87
Physical Description		i	Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	770	5		
Conductivity	9.5.7			
% Solids	4.8	<u> </u>		·
Turbidity	Yes .	No		
Color (visual)				
TSS (%)	(0.1		^	
Radiation Screen (as needed)	ž			
Lab Signature		3	X WW.	·

BEC04-01 - Page 1

RECEIVING INFORMATIONS		
Date	Tolo	3115
Receiving ID#	IBOI	31502
Manifest# Line:		<i>w</i> -(<i>cy</i>
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		······
Time out		
Received by	d.H	VI II
Sampled by	F) A	



<u>-</u>		/		
CLABUNITORIMATION :: All Was & Shipments			Official Entres Office	
Compatible? (RT#)	(Yes')	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?		···	Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	2142		Magnesium .	
pH (S.U.)	1.8		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1,04		-TDS '	2.77
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	76°F			
Conductivity	53.1	m §		
% Solids	2.7			
Turbidity	Yes	No		
Color (visual)			-	
TSS (%)	(0)		A A	
Radiation Screen (as needed)				
Lab Signature		s ()	1 KJA	
	RECOA-	01 – Pag	e1 .	

RECEIVING NEORMATION		
Date	8/14	115
Receiving ID#	I 08 10	11501
Manifest# Line:		·
Land Ban Cert Included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	38	S



LABINIFORMATION Auvyasie Stipments 2. 1			Official Brines Only	
Compatible? (RT#)	(Yes	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?	<u> </u>	·	Calcium	
TOC (ppm)(CC Waste Only)?	<u> </u>		Total Iron	
Flash Point (°F)	1 31	10	Magnesium	,
- pH (S.U.)	2.	0	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.0	7	-TDS	4.17.
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Ýes	No		
Temperature	7904			
Conductivity	81.9	7S	. •	
% Solids	4.1			
Turbidity	Yes	No		
Color (visual)			· · · · · · · · · · · · · · · · · · ·	,
TSS (%)	<0.1		\cap	
Radiation Screen (as needed)	A			
Lab Signature				
	RECO	4-01 - Pa	ge 1	

RECEIMINGINE OR MATTION		
Date	8/1	5/15
Receiving ID#	1081	5150)
Manifest# Line:		
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator :		
Client		te .
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	115	?



	LABUNECRMATION : LABUNE			Dillie R. Brines Only		
	Compatible? (RT#)	(Yes)	No	Barium		
	PCBs (ppm)(Oily Waste		· · · · · · · · · · · · · · · · · · ·			
	Only)?	. Alleria		Calcium		
	TOC (ppm)(CC Waste Only)?	· . 1.40		Total Iron		
1000	Flash Point (°F)		> 140	Magnesium		
-	pH (S.U.)	(0.1	,	Sodium Chloride		
	Cyanides? (mg/L)			Bicarbonate	•	
٠.	Sulfides? (ppm)		w.	Carbonate		
-	Specific Gravity	1.27	F- 2	-TDS	7.67	
	Physical Description			Resistivity		
	Stream Consistency	Yes	No	Sulfate		
	Oil in Sample	Yes ·	No			
-	Temperature	78°F				
-	Conductivity	153.2	5	'		
-	% Solids	7.6	· - · · · ·	•		
	Turbidity	Yes	No			
	Color (visual)	•				
_[TSS (%)	20,1		700.		
	Radiation Screen (as needed)		ħ.			
	Lab Signature			SYIX		
	REC04-01/- Page 1					

Environmental Geo-Technologies, LLC.

RECEIVING NEORWATION		
Date	871	7115
Receiving ID#	Total	21501
Manifest# Line:		
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator :		
Client		
Transporter		
Time in		
Time out		
Received by	Q.H	
Sampled by		1



Control of the Contro		<u>n</u>	<u>_</u>	
EAB IMPORMATION			Official Brings Only.	
Compatible? (RT#)	Yes)	No	Barium	
PCBs (ppm)(Oily Waste		· · · · · · · · · · · · · · · · · · ·		
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	17146)	Magnesium	
- pH (S.U.)	2.1		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.09		TDS	4487
Physical Description	0		Resistivity	
Stream Consistency	Yes	No	Sulfate	,
Oil in Sample	Ýes	No		
Temperature	82°F	*	,	
Conductivity	96.4	C		
% Solids	4.8			
Turbidity	Yes	No		
Color (visual)		.,		
TSS (%)	(0,	7		
Radiation Screen (as needed)				
Lab Signature				
	REC04	-01 — Pag	e 1	

Environmental Geo-Technologies, LLC.

RECEIMING INFORMATIONS		
Date	8/18	115
Receiving ID#	110818	1503
Manifest# Line:		
Land Ban Cert included	Yes	, No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J. A.	
Sampled by	R)



				J	-
	LAB INFORMATION: All Waste Shipments			Olher Brings Only	
	Compatible? (RT#)	(Yes)	No	Barium	
	PCBs (ppm)(Oily Waste	The same of the sa			•
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
***	Flash Point (°F)		<u>> 140</u>	Magnesium	
-	pH (S.U.)	2.2		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
	Specific Gravity	1.04		TDS	2.47
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
ĺ	Oil in Sample	Yes	No		
-	Temperature	80°	F		
7	Conductivity	46.4 a			
4	% Solids	2.4			
	Turbidity	Yes	No		
	Color (visual)				
	TSS (%)	<0.1	A	· A	
	Radiation Screen (as needed)				
	Lab Signature			s()////////////////////////////////////	
		REC04	-01 - Page	e 1	

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION		
Date	1	15
Receiving ID#	TOSI	31501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by		
Sampled by	N. P.	



LABINFORMATION All Waste Shipments			Olfield Brines Only.	
Compatible? (RT#)	Xes	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?	ļ	·	Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> /	40	Magnesium	
pH (S.U.)	2.		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	l .e	53	TDS	159
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
- Temperature	790			
Conductivity	28.8	20		
% Solids	1,5			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(C	5.)		
Radiation Screen (as needed)				
Lab Signature			X/DA	

BEC0/4-01 - Page 1

Environmental Geo-Technologies, LLC.

RECEIMING INFORMATION		
Date	3/31	115
Receiving ID#	I OBZI	1502
Manifest# Line:		1
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter	•	
Time in		
Time out		······
Received by	J.H.	
Sampled by	GK.	·.



				_	
	LAB INFORMATION - CALL MASTER SHIPMENTS - CALL MASTER			Ollield Brines Only	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?	ļ	 	Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
_	Flash Point (°F)		149	Magnesium	
-	pH (S.U.)	10 los		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
~	Specific Gravity) 	TDS	3.97.
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
-	Temperature	780	9		
-	Conductivity	78,0	2 m 5	····	
-	% Solids	3.9			
	Turbidity	Yes	No		
	Color (visual)	. ,		A	,
-[TSS (%)	COL	1	A	· · · · · · · · · · · · · · · · · · ·
	Radiation Screen (as needed)		<u>" </u>	. /\ \\	
	Lab Signature			ALA	
		RECO	04-01 – Pag	U_1	,

Environmental Geo-Technologies, LLC.

RECEIVING	& A	PPROVAL	FORM

RECEIVING INFORMATION		
Date	8/31	115
Receiving ID#	I 08311	
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out	•	
Received by	J.H	6
Sampled by	· AB	



LAB INFORMATION All Waste Shipmens			Oiliteid Brines Only-	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste		•		
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	17 140		Magnesium	
pH (S.U.)	2.4		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.05		TDS	2,77.
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	73° F			·
Conductivity	54.7	5		
- % Solids	2.7		·	
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0,1			
Radiation Screen (as needed)		А	\triangle	
Lab Signature	- 		K.M.	

REC04/01 / Page 1

WASTE STREAMS CHARACTERIZATIONS

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

Generator Waste Profile Profile # 0069

	3.00		
GENERATORINFORMATION		•	
Name			
Facility	C/NAICS Code:State	Code:	•
City: Hanover Stat	e; PA Zip Cod	· •	
Contact:		Fax: ()	
BILLING INFORMATION	SAME AS ABOVE	1 0/4,	
Company Name			
Address			
City			
Attention:		•	
	.)		·
WASTE INFORMATION			
Name of Waste/Common Chemical Name: V	Vaste Water from Firefight	tina.	
Process Generating Waste (Please be specific, Incomp			
,		- debi-c : at bi-cocco)	
Waste water was generated as a byproduct of a fire		d contents were destroyed	. Water was contained
onsite in frac tanks			•
USEPA / STATE WASTE IDENTIFICATION	•		,
4			
2. Regulated by TSCA? □Yes X□No (PCBs, etc	ardous Liquid Industrial Waste	☐ Hazardous Waste	
3. List ALL Applicable Waste Codes: 029L	·)	•	
PHYSICAL CHARACTERISTICS OF WASTE			
Color: Suspended Solids	Lauran		
☐ White/Clear ☐ 0-1 % X☐ 3-5	Layers:	Specific Gravity: □<0.8 □ 1.0 – 1.2	acceptable
☐ Black/Brown % X☐ Other light ☐ 1-3 % ☒ > 5%	☐ Bl-Layered	X□ 0.8 -1.0 □ 1.3 - 1.4	
purple to dark	X∭ Single Phase	Exact / Other	149
<u>brown_</u> pH: □NA □≤2 □ 2-4 □ 4-6			080415
	X∐ 6-8 ☐ 8-	10 □ 10 - 12.5 □ ≥12.5	
Liquid Flash Point: ☐ <73°F ☐ 73 – 100°F ☐ 101	-140°F □ 141 - 200°F X□	S200°F T None T Classed	Com El Como Com
	_	1>500-L Tildolle Ticlosed	Cup [] Open Cup
VOC CONCENTRATION	PPM (MUST BE COMPLETED)		•
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO	OR GREATER THAN 100% (LIST E	FACH CONSTITUENT >/= 0.1%)	
CONSTITUENT	MAX MIN CONST		MAX MIN
W-4	•	ZN	
_,,,	•	co	•

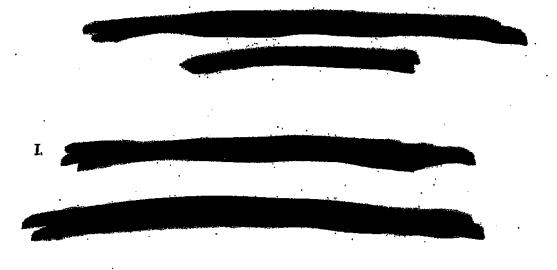
SAMPLING METHOD **COLLECTION POINT**

	•				
	•				
3.					
SAMPLE COLLECTOR'S NAME	, TITLE, EMPLOY	/ER			
4. Sample No	Preservation: Ye	es 🗌 No 🗍			
4. Sample No p 6. CHAIN OF CUSTODY Each p	Preservation: Ye	es 🗌 No 🗍	Sian below when the sample	nasses from one to a	nother
4. Sample No F 6. CHAIN OF CUSTODY Each p Relinquished by:	Preservation: Ye	es 🗌 No 🗍	sign below when the sample Received by:	passes from one to a	nother.
4. Sample No p 6. CHAIN OF CUSTODY Each p	Preservation: Ye	es 🗌 No 🗍	sign below when the sample Received by: (Signature)	passes from one to a Date	<i>nother.</i> Time

.

.

.



II. Supplemental List of Additional Chemicals Uses The Production of Its Products. The MSDS for each chemical listed below is available via a Google search.

Ammonium Sulfate

Boric Acid
Calcium Acetate

FeEDDHA

Diammonium Phosphate
Calcium Nitrate

Calcium Chelate

Copper Chelate
Iron Chelate

Manganese Chelate

Magnesium Sulfate

Magnesium Nitrate

Monoammonium Phosphate Monopotassium Phosphate

Potassium Nitrate

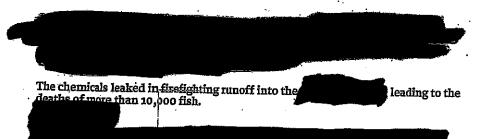
Potassium Lactate

Potassium Sulfate

Succinic Acid

Urea

Zinc Sulfate



POSTED: 08/26/2015 01:54:56 PM EDT

0 COMMENTS

being stored in the control of the latter of the June 8 blaze.

Many of the products on the list were water soluble fertilizers used for commercial agricultural crops, said.

supplemental list of additional the production of its products was also included in a list identified by

The supplemental list and link provided website. The tion had been publicly available on the Crop Data Management System website. The was previously unable to independently confirm the validity of that database information.

Many of the products and supplemental chemicals in the lizers, mineral salts, metals and water resources educator with who rooked over the list on Friday.

Same of the supplemental chemicals were raw ingredients used for mixing with regular fertilizers, said.

"If you pull out a multivitamin you'll see a lot of these ingredients," she said. For example, Magnesium Sulfate appears on the list and consists of a mineral similar to calcium matched with sulfate to neutralize it.

Other products the product of the pr

For example, sticker and 'spreader' products which will help another product stick to the soil or leaves of a plant, she said.

chemical is an active ingredient in a small rodents or rabbits and said,

When interpreting the list of products one state official cautioned that a chemical listed may not necessarily be what people should test for if they decide to have well water checked for contamination.

products on the list were water soluble, which can mean they break down when mixed with rain water, runoff or the

Previous pfficials advised residents to test well water for nitrates, nitrites and total organic compound.

clined to comment on the quantities of the fertilizers and chemicals being stored at the facility the day of the fire. While nitrates are not necessarily harmful to humans, the quantity is what people should be looking for

"There's a phrase the dose makes the poison," she said. "How much of it is used. That's sort of the key detail."

The EPA mandates that levels of nitrogen found in municipal or private water companies should be under 10 milligrams per literate and, which people can use as a point of reference when having their water tested. However, that number is geared toward safe levels in drinking water for pregnant women and infants because nitrates can interfere with oxygen levels in the blood, she said.

"People should not freak out if it's a nonzero," said of the presence of nitrates in well water. "Some people may have high numbers and it has nothing to do with this incident. I've seen some areas go up to 20 milligrams per liter."

did caution however that residents should not judge the safety of water for drinking based on color.

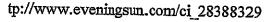
"I can have dangerous and not dangerous levels of nitrates in the water and they'll both be clear," she said.

lso advised that residents should not be concerned with the presence of total organic carbon in well water because it is also found in common household beverages like coffee or tea.

"Drinking water plants will keep an eye on that because of how it will react with their chlorine," she said of the total organic carbon. "I'd rather see people investigate nitrate testing several times instead."

Since the fire, the Department of Environmental Protection has worked to remove water and soil contaminated with nitrates from the site of the fertilizer plant. However, runoff caused by heavy rains managed to leak several times into Suppose the fire, the contamination led to the deaths of more than 10,000 fish, said so, a representative for the

"The preventative measures from last week are still in place," aid.





Search

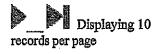
(Page 1)

Page 1 of 3 pages



Product Name	REG Number	Data / Labels / (M)SDS	ProductType	Active
Calexin Calcium Complex	EXEMPT		Nutrient - Liquid	
Cell Force 3-0-0	EXEMPT	Charles for	Fertilizer - Liquid	
Cell Force Max 6-0-0	EXEMPT		Fertilizer - Liquid	
Exit	EXEMPT	WINDS AND	Activator - Liquid	
Foam Fighter	EXEMPT	Note the second	Defoaming Antifoaming Agent - Liquid	
Full Measure CAL	EXEMPT .	Control of the Contro	Nutrient - Liquid	
Hot Sauce Animal Repellent	72-574		Animal Control Product - Soluble Concentrate	
	EXEMPT		-	
	EXEMPT	Constitution of the consti	-	
	EXEMPT		Activator - Liquid	

Page 1 of 3 pages



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ection 1 + Chemical Product and Company Identification

Product Name: Calexin®

Chemical Name: Neutralized Calcium Carbonate Common Name, Synonym: Calcium complex Material Uses: Micronutrient Fertilizer

Manufacturer/Manufactured For

Section 2 = Composition/Internation on ingredients

Ingredient Name	CAS Number	%
This product has been tested as a whole to determine its hazards – See Section 11		
		1

PA Right to Know: This product contains proprietary ingredients

This product contains the following chemicals subject to the reporting requirements of Section 13Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372 (the corresponding CAS numbers and typical percent by weight are also provided).

None

Section 3 - dazands identification

ልልልልል Emergency Overview ልልልልል

Primary Entry Routes: Eye and skin contact is the most likely exposure. Ingestion is possible.

Target Organs: Eyes, skin and stomach.

Potential Health Effects

Inhalation: My cause slight irritation if mist occurs.

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: Large doses may cause nausea, vomiting, and stomach pain or cramps.

Acute Effects: Irritation Chronic Effects: Non known

Signs and Symptoms of exposure: Eye contact may produce irritation and/redness.

Medical Condition Aggravated by Long-Term Exposure: None known Physical Hazards: Refer to MSDS section 7 for handling and storage

Signal Word: Not applicable/non-hazardous



Section 4-defeat Archylescopes

EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

SKIN CONTACT

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

INGESTION

If swallowed, DO NOT Induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head bellow hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

Section 5 - Fire-Fighting Measures

Flash Point (METHOD):

Not Applicable

Auto-Ignition:

Not Available

Flammable Limits:

Not Available

Extinguishing Media:

Calexin® is non-flammable. If involved in fire, use water.

Special Fire Fighting Procedures:

None currently known.

Unusual Fire and Explosion Hazards:

Oxides of nitrogen may be generated.

Personal precautions

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section VIII). Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded.

Contain spill

Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non-sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.



pection 6 - Accidental Release Measures continued

Disposal Method

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and Local regulations. Local regulations may be more stringent than Federal or State.

Seption 74— Handling and Storage

Handling:

Wear protective equipment when handling. Wash thoroughly after handling. Do not get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact with skin. Do not swallow.

Storage:

For industrial use only. Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

Section 8 = Exposure Controls/Reisonal Protection:

Engineering Controls:

Mechanical: General ventilation is usually adequate.

Respiratory Protection:

if exposure limits are exceeded, or if exposure may occur, use a NIOSHA/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSHA/MSHA approved positive pressure-breathing apparatus should be readily available.

Eye Protection:

Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses when working with chemicals.

Skin Protection:

Rubber gloves. Clean protective body covering, rubber apron, and rubber boots.

Work Hygienic Practices:

Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take First Aid action shown in Section IV. Launder contaminated clothing before use.

Other Protective Equipment:

Safety shower, eye wash fountain, and washing facilities should be readily available.



Section 9 - Physical and Chemical Properties

Appearance:

Clear to yellow and hazy liquid

Odor:

Moderate

pH (aqueous approx. 5% in DW):

2.400 to 4.000 ≥ 212°F (100°C)

Boiling point/Boiling range: Freeze Point:

< 32°F (0°C)

Flash Point:

No Determined

Vapor Pressure (mmHg): Vapor Density (Air=1):

<1 >1

Solubility in Water:

Soluble

Specific Gravity (H₂O=1 @ 4°C):

1.06 - 1.08 g/mL @ 68°F (20°C)

Evaporation Rate (NA=1): Percent Volatile by Volume:

Not Determined Not Determined

Seption 10 = Stability and Regrativity

Chemical Stability:

Stable

Materials to Avoid:

Strong Oxidizers

Hazardous Decomposition or Byproducts:

Carbon oxides (CO, CO₂, C₂O₄, etc.)

Hazardous Polymerization:

Will not occur

iection L1-Toxicological Information

Toxicity Data:

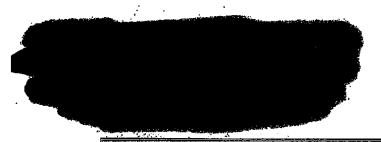
Acute Eye Irritation: May cause irritation
Acute Dermal Effects: Data not available
Acute Oral Effects: Data not available

Chronic Effects: Not known

Acute Oral Effects: Data not available
Acute Inhalation Effects: Data not available

Carcinogenicity: None found for this product
Mutagenicity: None found for this product
Teratogenicity: None found for this product

Ecotoxicity: Data not available
Aquatic Toxicity: Data not available
Environmental Fate: Data not available



Seedon 18- Disposal Considerations

Disposal: If uncontaminated, recover and reuse as product. If

contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Disposal Regulatory Requirements: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Container Cleaning and Disposal: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

ection:14.=Transport Information

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA'No.:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

OTHER AGENCIES:

SECTION 14 NOTES: This product is not considered a hazard



Segional5-e regulatory information

EPA Regulations:

Reportable Quantity - CERCLA: Not applicable

SARA Title III (EPCRA): Not applicable RCRA Waste Code: Not applicable

State Regulations:

CA Proposition 65: Not applicable

EPA National Response Center (800) 424-8802

Seevenels other intermedion

Preparation Date: 12/10/2012

Prepared By:

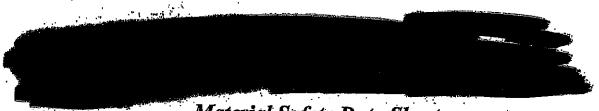
Revision Date:

Revision Notes:

NOTICE TO READER:

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET ("MSDS") RELATES ONLY TO THE SPECIFIC PRODUCT(S) DESIGNATED HEREIN (THE "PRODUCT"). THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CURRENT AND CORRECT AS OF THE DATE OF THIS MSDS, AND OBTAINED FROM SOURCES THAT ARE BELIEVED TO BE RELIABLE. HOWEVER, THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, REPRESENTATIONS OR LICENSE OF ANY KIND, EXPRESS OR IMPLIED,

WITH RESPECT TO ACCURACY, CORRECTNESS, OR COMPLETENESS, AND



Material Safety Data Sheet crion 1- Chemical Reduction Company Identification

Product Name: CELL FORCE™

Chemical Name: Inorganic Calcium Salt Common Name, Synonym: None known

Material Uses: Liquid Fertilizer Manufacturer/Manufactured

Section 2 — composition/information on theredients

Ingredient Name	CAS Number	1 %
The proprietary ingredients in CELL FORCE™ are non-	•	
hazardous		1
		1

Sections a dates to energications.

አልላል Emergency Overview ልላልልል

Primary Entry Routes: Eye and skin contact is the most likely exposure. Ingestion is possible.

Target Organs: Eyes, skin and stomach.

Potential Health Effects

Inhalation: My cause slight irritation if mist occurs.

Eye: May cause eye irritation. Skin: May cause skin irritation.

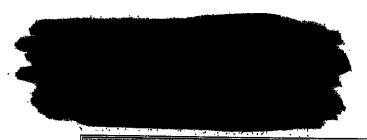
Ingestion: Large doses may cause nausea, vomiting, and stomach pain or cramps.

Acute Effects: Irritation Chronic Effects: Non known

Signs and Symptoms of exposure: Eye contact may produce irritation and/redness.

Medical Condition Aggravated by Long-Term Exposure: None known Physical Hazards: Refer to MSDS section 7 for handling and storage

Signal Word: Not applicable/non-hazardous



EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

SKIN CONTACT

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated dothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

INGESTION

If swallowed, DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head bellow hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

Sedion Statication in Measures

Flash Point (METHOD):

Not Applicable

Auto-Ignition:

Not Available

Flammable Limits: Extinguishing Media:

Not Available

CELL FORCE $^{\text{\tiny{IM}}}$ is non-flammable. If involved in fire, use water.

Special Fire Fighting Procedures:

None currently known.

Unusual Fire and Explosion Hazards:

None currently known.

Ardidental Release Measure

Personal precautions

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section VIII). Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded.

Contain spill

CELL FORCE™ may promote eutrophication in water ways. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non-sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.



oedron 5. Accidentat Release Measi

Disposal Method

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and Local regulations. Local regulations may be more stringent than Federal or State.

Section 7.—Handling and Storage

Handling:

Wear protective equipment when handling. Wash thoroughly after handling. Do not get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact

with skin. Do not swallow.

Storage:

For industrial use only. Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

Engineering Controls:

Mechanical:

General ventilation is usually adequate.

Respiratory Protection:

If exposure limits are exceeded, or if exposure may occur, use a NIOSHA/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSHA/MSHA approved positive pressure-breathing apparatus should be readily available.

Eye Protection:

Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses when working with chemicals.

Skin Protection:

Rubber gloves. Clean protective body covering, rubber apron, and rubber boots.

Work Hygienic Practices:

Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take First Aid action shown in Section IV. Launder contaminated clothing before use.

Other Protective Equipment:

Safety shower, eye wash fountain, and washing facilities should be readily available.



Physical Ends Chemical Problemes:

Appearance:

Light brown to brown clear liquid

Odor:

Mild

pH (aqueous approx. 5% in DW): Boiling point/Boiling range:

4.000 to 5.000 ≥ 212°F (100°C)

Freeze Point:

Flash Point:

< 32°F (0°C) No Determined

Vapor Pressure (mmHg):

Not Determined

Vapor Density (Air=1):

Not Determined

Solubility in Water:

Soluble

Specific Gravity (H₂O=1 @ 4°C):

1.11 - 1.12 g/mL @ 68°F (20°C) Not Determined

Evaporation Rate (NA=1): Percent Volatile by Volume:

Not Determined

on:/10=Stabilityant/Reactivity/

Chemical Stability:

Stable

Materials to Avoid:

Strong Oxidizing Agents

Hazardous Decomposition or Byproducts:

Oxides of phosphorus

Hazardous Polymerization:

Will not occur

Secrenal Aproxicological Intermetion

Toxicity Data:

Acute Eye Irritation: Data not available Acute Dermal Effects: Data not available

Skin Sensitization: Data not available Acute Dermal Irritation: Data not available

Acute Oral Effects: Data not available Acute Inhalation Effects: Data not available

Mutagenicity: Data not available Teratogenicity: Data not available

Secrem 12 Egological Introduction

Ecotoxicity: Data not available Aquatic Toxicity: Data not available Environmental Fate: Data not available



Section 16: Disposal Considerations

Disposal: if uncontaminated, recover and reuse as product. If

contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Disposal Regulatory Requirements: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Container Cleaning and Disposal: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

ection 14-Inansport Information 🥡 🐇

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

OTHER AGENCIES:

SECTION 14 NOTES: This product is not considered a hazard



sectionals = Resulatory Information

EPA Regulations:

Reportable Quantity - CERCLA: Not applicable

SARA Title III (EPCRA): Not applicable RCRA Waste Code: Not applicable

State Regulations:

CA Proposition 65: Not applicable

EPA National Response Center (800) 424-8802

Sedionala - Other Information -

Preparation Date:

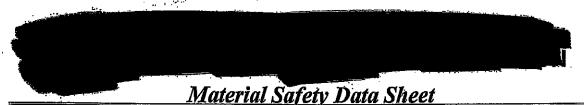
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Revision Date:

Révision Notes:

NOTICE TO READER:

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Section 1 - Chemical Product and Company Identification :

Product Name: CELL FORCE MAX™
Chemical Name: Inorganic Calcium Salt
Common Name, Synonym: None known

Material Uses: Liquid Fertilizer
Manufacturer/Manufactured For:

Section 2 - Composition/Information entire edent

Ingredient Name	CAS Number	%
The proprietary ingredients in CELL FORCE MAX™ are non-		
hazardous		
•		

Section Sectional Republication

☆☆☆☆ Emergency Overview ☆☆☆☆

Primary Entry Routes: Eye and skin contact is the most likely exposure. Ingestion is possible.

Target Organs: Eyes, skin and stomach.

Potential Health Effects

Inhalation: My cause slight irritation if mist occurs.

Eye: May cause eye irritation: Skin: May cause skin irritation.

Ingestion: Large doses may cause nausea, vomiting, and stomach pain or cramps.

Acute Effects: Irritation Chronic Effects: Non known

Signs and Symptoms of exposure: Eye contact may produce irritation and/redness.

Medical Condition Aggravated by Long-Term Exposure: None known Physical Hazards: Refer to MSDS section 7 for handling and storage

Signal Word: Not applicable/non-hazardous



Section 4 = Phist Aid Measures

EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

SKIN CONTACT

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

INGESTION

If swallowed, DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head bellow hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

Season 5- Hielfehiing Veasures 🤝

Flash Point (METHOD):

Not-Applicable

Auto-Ignition:

Not Available

Flammable Limits:

Not Available

Extinguishing Media:

CELL FORCE MAX™ is non-flammable. If involved in fire, use

water

Special Fire Fighting Procedures:

None currently known.

Unusual Fire and Explosion Hazards:

Oxides of nitrogen may be generated.

Section 6. Accidental Release Measures

Personal precautions

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section VIII). Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded.

Contain spill

CELL FORCE MAX™ may promote eutrophication in water ways. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non-sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.



ection 6 = Accidental Release Nieasukes *continued*

Disposal Method

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and Local regulations. Local regulations may be more stringent than Federal or State.

Section 7 - Handling and Storage

Handling: Wear protective equipment when handling. Wash thoroughly after handling. Do not

get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact

with skin. Do not swallow.

Storage: For industrial use only. Keep container closed when not in use. Store in a cool dry

place. Keep out of reach of children.

ection 8—Exposure Controls/Reisonal Redection

Engineering Controls:

Mechanical: General ventilation is usually adequate.

Respiratory Protection: If exposure limits are exceeded, or if exposure may occur, use a

NIOSHA/MSHA respirator approved for your conditions of exposure.

Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory

protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSHA/MSHA approved positive

pressure-breathing apparatus should be readily available.

Eye Protection: Chemical goggles or face shield. Always wear eye protection when

working with chemicals. Never wear contact lenses when working with

chemicals.

Skin Protection: Rubber gloves. Clean protective body covering, rubber apron, and

rubber boots.

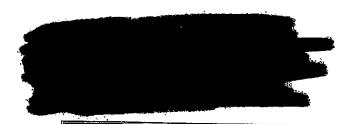
Work Hygienic Practices: Avoid contact with skin, eyes, and clothing. After handling this product,

wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take First Aid action shown

in Section IV. Launder contaminated clothing before use.

Other Protective Equipment: Safety shower, eye wash fountain, and washing facilities should be

readily available.



Section 9 = Physical and Chemical Properties

Appearance:

Light brown to brown clear liquid

Odor:

Mild

pH (aqueous approx. 5% in DW):

2.000 to 3.000

Boiling point/Boiling range: Freeze Point:

≥ 212°F (100°C) < 32°F (0°C)

Flash Point:

No Determined

Vapor Pressure (mmHg):

Not Determined

Vapor Density (Air=1):

Not Determined

Solubility in Water:

Soluble

Specific Gravity (H₂O=1 @ 4°C):

1.41 - 1.42 g/mL @ 68°F (20°C)

Evaporation Rate (NA=1): Percent Volatile by Volume:

Not Determined

Not Determined

Section 10 = Stability and Reactivity

Chemical Stability:

Stable

Materials to Avoid:

Reducing agents

Hazardous Decomposition or Byproducts:

Nitrogen oxides (NO, NO₂, N₂O₄, etc.)

Hazardous Polymerization:

Will not occur

Section 11 Toxicological Information

Toxicity Data:

Acute Eye Irritation: Data not available
Acute Dermal Effects: Data not available

Skin Sensitization: Data not available

Acute Oral Effects: Data not available
Acute Oral Effects: Data not available

Acute Dermal Irritation: Data not available

Acute Inhalation Effects: Data not available

Mutagenicity: Data not available Teratogenicity: Data not available

Section (12 = Ecological Information)

Ecotoxicity: Data not available
Aquatic Toxicity: Data not available
Environmental Fate: Data not available



Section 13 = Disposal Considerations

Disposal: If uncontaminated, recover and reuse as product. If

contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Disposai Regulatory Requirements: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

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U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

OTHER AGENCIES:

SECTION 14 NOTES: This product is not considered a hazard



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EPA Regulations:

Reportable Quantity - CERCLA: Not applicable

SARA Title III (EPCRA): Not applicable

RCRA Waste Code: Not applicable

State Regulations:

CA Proposition 65: Not applicable

EPA National Response Center (800) 424-8802

Section 45 - Other Information

Preparation Date: 07/06/2011

Prepared P

Revision Date:

Revision Notes:

NOTICE TO READER:

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Section 1 - Chemical Product and Company Identification.

Product Name: BIOX®

Chemical Name: Not applicable

Common Name, Synonym: Not applicable

Material Uses: Ammonia Reduction Formula (Liquid).

Manufacturer/Manufactured For

Segion 25 Hazarollo emarication

2.1 Classification of the substance or mixture

GHS Classification (29 CFR 1910.1200)

Not a hazardous substance or mixture according to 29 CFR 1910.1200 (OSHA

HCS)

2.2 Label elements

GHS Labeling Elements

Pictogram: Not Applicable Signal Word: Not applicable

Hazard Statements: Not applicable

Precautionary Statements: Not Applicable

iSection3—Composition/Information of Ingredients

Ingredient Name		CAS Number	%
The proprietary ingredie	ents in BIOX® are non-hazardous		

The above chemicals are not present in sufficient quantities to classify the mixture as hazardous according to GHS bridging principles.

PA Right to Know: This product contains proprietary ingredients

This product contains the following chemicals subject to the reporting requirements of Section 13Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372 (the corresponding CAS numbers and typical percent by weight are also provided).

None



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EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

SKIN CONTACT

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

INGESTION

If swallowed, DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head beliow hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

Section 5 - Finestighting Measures

Flash Point (METHOD):

Not Applicable

Auto-Ignition:

Not Available

Flammable Limits:

Not Available

Extinguishing Media:

Non-flammable. If involved in fire, use water.

Special Fire Fighting Procedures:

None currently known.

Unusual Fire and Explosion Hazards:

None currently known.

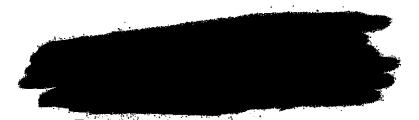
Section 6 - Aveddenial Release Measures

Personal precautions

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section VIII). Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded.

Contain spill

Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non-sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.



Section 6 = Accidental Release Vieasures continued

Disposal Method

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and Local regulations. Local regulations may be more stringent than Federal or State.

Handling:

Wear protective equipment when handling. Wash thoroughly after handling. Do not get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact with skin. Do not swallow.

Storage:

For industrial use only. Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

Section & Exposure Controls/Personal Protection

Engineering Controls:

Mechanical:

General ventilation is usually adequate.

Respiratory Protection:

If exposure limits are exceeded, or if exposure may occur, use a NIOSHA/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSHA/MSHA approved positive pressure-breathing apparatus should be readily available.

Eye Protection:

Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses when working with chemicals.

Skin Protection:

Rubber gloves. Clean protective body covering, rubber apron, and

rubber boots.

Work Hygienic Practices:

Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take First Aid action shown in Section IV. Launder contaminated clothing before use.

Other Protective Equipment:

Safety shower, eye wash fountain, and washing facilities should be

readily available.



Section 9 Physical and Chemical Properties

Appearance:

Odor:

Light brown liquid Moderate odor

pH (aqueous approx. 5% in DW):

6.8 to 7.8

Bolling point/Boiling range:

≥ 212°F (100°C)

Freeze Point:

≥ 212°F (100°C)

Flash Point:

< 32°F (0°C) No Determined

Vapor Pressure (mmHg):

Not Determined Not Determined

Vapor Density (Air=1): Solubility in Water:

Soluble

Specific Gravity (H₂O=1 @ 4°C):

1.12 - 1.16 g/mL @ 68°F (20°C)

Evaporation Rate (NA=1):

Not Determined

Percent Volatile by Volume: Not Determined

Section: 10:- Stability and Reactivity

Chemical Stability:

Stable

Materials to Avoid:

Strong Oxidizing Agents

Hazardous Decomposition or Byproducts:

Oxides of phosphorus

Hazardous Polymerization:

Will not occur

Section 14- Toxicological Information.

Toxicity Data:

Acute Eye Irritation: Data not available

Skin Sensitization: Data not available

Acute Dermal Effects: Data not available

Acute Dermal Irritation: Data not available

Acute Oral Effects: Data not available
Acute Inhalation Effects: Data not available

Mutagenicity: Data not available Teratogenicity: Data not available

Section 12= Ecological Information # 1

Ecotoxicity: Data not available
Aquatic Toxicity: Data not available
Environmental Fate: Data not available



Section ils — Disposal Gensiderations

Disposai: If uncontaminated, recover and reuse as product. If

contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Disposal Regulatory Requirements: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Container Cleaning and Disposal: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Section 14 - Transport Information

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

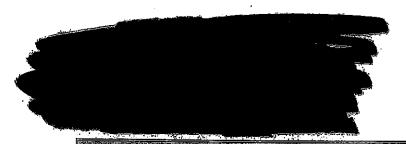
HAZARD CLASS: .

LABEL/PLACARD REQUIRED:

UN/NA No.:

OTHER AGENCIES:

SECTION 14 NOTES: This product is not considered a hazard



Segilor 15-Regulatory/hipimation

EPA Regulations:

Reportable Quantity -- CERCLA: Not applicable

SARA Title III (EPCRA): Not applicable RCRA Waste Code: Not applicable

State Regulations:

CA Proposition 65: Not applicable

EPA National Response Center (800) 424-8802

Sediansia - Other miomianion.

Preparation Date: 04/10/2015

Prepared By

Revision D

Revision Notes: GHS Compliance

NOTICE TO READER:

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tion 1.+:Chemical Product and Company Identification

Product Name: C.A.L.F.A® Chemical Name: Mixture

Common Name, Synonym: Carboxylic Acids

Material Uses: Fertilizer Adjuvant

Manufacturer/Manufactured For

Phone:

Section 2=Composition/Information on Ingredients. 🔭

2.1 Classification of the substance or mixture

GHS Classification (29 CFR 1910.1200)

Skin Irritation (Category 2) Eye Irritation (Category 2B)

2.2 Label elements

GHS Labeling Elements

Pictogram:

Signal Word: Warning

Hazard Statements: Causes skin irritation. Causes eye irritation.

Precautionary Statements: Wash skin thoroughly after handling. Wear protective gloves. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs or eye irritation persists: Get medical attention. Wash contaminated clothing before reuse.

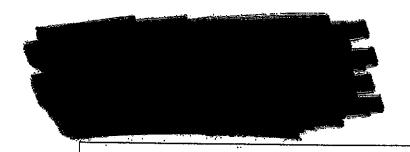
Ingredient Name CAS Number % Mixture of Carboxylic Acids None Established >10%

The above mixture has been determined to be hazardous according to GHS bridging principles.

PA Right to Know: This product contains proprietary ingredients.

This product contains the following chemicals subject to the reporting requirements of Section 13Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372 (the corresponding CAS numbers and typical percent by weight are also provided).

None



Section 4 - First Ald Measures

EYE CONTACT

immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

SKIN CONTACT

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

INGESTION

If swallowed, DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head beliow hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

Section 50 Fire Aleitenic Wesseries

Flash Point (METHOD):

Not Available

Auto-ignition:

Not Available

Flammable Limits:

Not Available

Extinguishing Media:

Use alcohol foam, carbon dioxide, water fog, dry chemical, or

halon when fighting fires involving this material.

Special Fire Fighting Procedures:

None currently known.

Unusual Fire and Explosion Hazards:

Oxides of carbon may be generated.

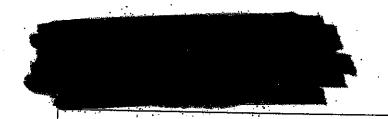
Section 6 = Accidental Release Measures

Personal precautions

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section VIII). Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded.

Contain spill

Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non-sparking tools. If required, notify state and local authorities.



Section 6 - Accidental Release Measures continued

Disposal Method

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and Local regulations. Local regulations may be more stringent than Federal or State.

Section / — Handling and Storage

Handling:

Wear protective equipment when handling. Wash thoroughly after handling. Do not get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact

with skin. Do not swallow.

Storage:

For industrial use only. Keep container closed when not in use. Store in a cool dry place. Keep out of reach of children.

eetlag 3. Expessive Controls/Personal Protection

Engineering Controls:

Mechanical:

Mechanical ventilation is preferred.

Respiratory Protection:

If exposure limits are exceeded, or if exposure may occur, use a NIOSHA/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSHA/MSHA approved positive pressure-breathing apparatus should be readily available.

Eye Protection:

Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses when working with chemicals.

Skin Protection:

Rubber gloves. Clean protective body covering, rubber apron, and rubber boots.

Work Hygienic Practices:

Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs, remove contaminated clothing. If needed, take First Aid action shown in Section IV. Launder contaminated clothing before use.



Other Protective Equipment: Safety shower, eye wash fountain, and washing facilities should be

readily available.

Section 9—Physical and Chemical Properties

Appearance:

Colorless to clear liquid

Odor:

Moderate Oder

pH (aqueous approx. 5% in DW):

2.00 - 3.00 @ 68°F (20°C)

Boiling point/Boiling range:

> 212°F

Freeze Point:

Not Determined

Flash Point:

Not Determined

Vapor Pressure (mmHg): Vapor Density (Air=1):

Not Determined Not Determined

Solubility in Water:

Soluble

Specific Gravity (H₂O=1 @ 4°C):

1.22 - 1.25 g/mL @ 68°F (20°C)

Evaporation Rate (NA=1):

Not Determined

Percent Volatile by Volume:

Not Determined

Section 10 - Stability and Reactivity

Chemical Stability:

Stable

Materials to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

Carbon oxides (CO, CO₂, C₂O₄, etc.)

Hazardous Polymerization:

Will not occur

Section 41- Toxicological Information, e.g.

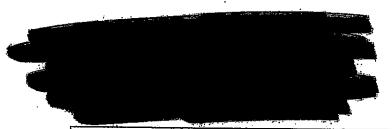
Toxicity Data:

Acute Eye Irritation: Data not available
Skin Sensitization: Data not available
Acute Dermal Effects: Data not available
Acute Dermal Irritation: Data not available
Acute Oral Effects: Data not available
Mutagenicity: Data not available

Acute Inhalation Effects: Data not available

Teratogenicity: Data not available

Section 112-Ecological Information



Ecotoxicity: This product is a spray adjuvant. Large spills could possibly damage vegetation. Contamination of waterways could possibly cause fish kills. Prevent spread and runoff into drains, storm sewers and ditches that lead to waterways.

... Section:12 - Ecological Information continued...

Aquatic Toxicity: Data not available Environmental Fate: Data not available

r Selotion vil 3:— Disposal Loons (denations

Disposal: If uncontaminated, recover and reuse as product. If

contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Disposal Regulatory Requirements: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Container Cleaning and Disposal: Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Section 14-Hearsportstreomatten

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:



OTHER AGENCIES:

SECTION 14 NOTES: This product is not considered a hazard

Section 45 = Regulatory in formation

EPA Regulations:

Reportable Quantity - CERCLA: Not applicable

SARA Title III (EPCRA): Not applicable RCRA Waste Code: Not applicable

State Regulations:

CA Proposition 65: Not applicable

EPA National Response Center (800) 424-8802

Section description in the section is

Preparation Date: 5/05/2015

Prepared By Revision D Revision Notes:

NOTICE TO READER:

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Safety Data Sheet

on 1 - Chemical Product and Company Identification.

Product Name:

Chemical Name: Adjuvant

Common Name, Synonym: Proprietary Material Uses: Agricultural Adjuvant Manufacturer/Manufactured Exercises

Segue 2 - Hermalista inigation

2.1 Classification of the substance or mixture

GHS Classification (29 CFR 1910.1200)

Skin Sensitization (Category 1b) Skin Irritation (Category 2)

2.2 Label elements

GHS Labeling Elements

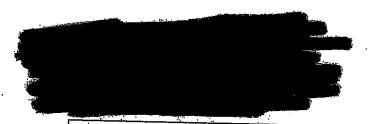
Pictogram:

Signal Word: Warning

Hazard Statements: Causes skin irritation. May cause an allergic skin reaction.

Precautionary Statements: Avoid breathing dust/fume/gas/mist/vapors/spray. Wash skin thoroughly after handling. Wear protective gloves. Contaminated clothing must not be allowed out of the workplace. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. Dispose of contents/container in accordance with local/regional/national/international regulations.

Ingredient Name CAS Number This product has been tested as a whole to determine its hazard — see section 11 CAS Number 100



Product Nami

PA Right to Know: This product contains proprietary ingredients.

This product contains the following chemicals subject to the reporting requirements of Section 13Title III of the Superfund Amendments and Reauthorization act of 1986 and 40 CFR part 372 (the corresponding CAS numbers and typical percent by weight are also provided).

None

Section 4 = First Arc : Measures

EYE CONTACT

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

SKIN CONTACT

immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

INGESTION

If swallowed, DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head beliew hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately!

Section 5.- Bre-Fighting Measures

Flash Point (METHOD):

330°C (TCC)

Auto-Ignition:

Not Available

Flammable Limits:

Not Available

Extinguishing Media:

Use alcohol foam, carbon dioxide, water fog, dry chemical, or

halon when fighting fires involving this material.

Special Fire Fighting Procedures:

None currently known.

Unusual Fire and Explosion Hazards:

Oxides of carbon may be generated.

Section 6 - Accidental Release Measures

Personal precautions

Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment (See Section VIII). Shut off source of leak only if safe to do so. Wear respiratory equipment if exposure limits are exceeded.



Product Name

Contain spill

Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non-sparking tools. If required, notify state and local authorities.

Section:6—Accidental Release Measures continued

Disposal Method

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted facility. Dispose of material in accordance with all Federal, State and Local regulations. Local regulations may be more stringent than Federal or State.

Section 7 — Handling and Storage

Handling:

Wear protective equipment when handling. Wash thoroughly after handling. Do not get in eyes. Do not breathe vapor, mist, or dust. Avoid prolonged or repeated contact with skin. Do not swallow.

Storage:

For industrial use only. Keep container closed when not in use. Store in a cool dry place between 41°F and 120°F. Keep out of reach of children.

Section 8:- Exposure Controls/Personal Protection

Engineering Controls:

Mechanical: Mechanical ventilation is preferred.

Respiratory Protection:

If exposure limits are exceeded, or if exposure may occur, use a NIOSHA/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSHA publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSHA/MSHA approved positive pressure-breathing apparatus should be readily available.

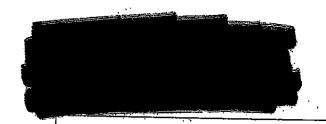
Eve Protection:

Chemical goggles or face shield. Always wear eye protection when working with chemicals. Never wear contact lenses when working with chemicals.

chemicals.

Skin Protection:

Rubber gloves. Clean protective body covering, rubber apron, and rubber boots.



Product Name:

Work Hygienic Practices:

Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking or smoking. If contact occurs,

remove contaminated clothing. If needed, take First Aid action shown

in Section IV. Launder contaminated clothing before use.

Other Protective Equipment:

Safety shower, eye wash fountain, and washing facilities should be

readily available.

Section 9—Physical and Chemical Properties

Appearance:

Amber to brown liquid

Odor:

Moderate Oder

pH (aqueous approx. 5% in DW): Bolling point/Boiling range:

6.0-7.0@20°C

Freeze Point:

224°C

<0°C

Flash Point:

Not Determined

Vapor Pressure (mmHg):

22.8

Vapor Density (Air=1):

Not Determined

Solubility in Water:

emulsifies

Density:

7.60 - 7.70 lbs/gal @ 68°F (20°C)

Specific Gravity ($H_2O=1 @ 4^{\circ}C$):

0.9 - 0.93 @ 68°F (20°C)

Evaporation Rate (NA=1):

Not Determined

Percent Volatile by Volume:

Not Determined

tionsio – Stability and Readition

Chemical Stability:

Stable

Materials to Avoid:

Strong oxidizers

Conditions to Avoid:

High Temperatures, Freezing and sources of ignition

Hazardous Decomposition or Byproducts:

Carbon oxides (CO, CO₂, C₂O₄, etc.)

Hazardous Polymerization:

Will not occur

edion L1: Toxido logical Information 👢 🕮

Toxicity Data:

Acute Eye Irritation: May cause irritation

Skin Sensitization: Moderate potential to produce sensitization

Acute Dermal Effects: LD₅₀ >5000 mg/kg (rat)

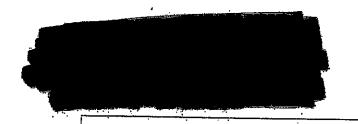
Acute Dermal Irritation: 3.4/8 (rabbit) moderately irritating

Acute Oral Effects: LD₅₀ >5000 mg/kg (rat)

Mutagenicity: Data not available

Acute Inhalation Effects: LC₅₀ > 5.88 mg/L

Teratogenicity: Data not available



Product Names

Section 12 = Cological Information

Ecotoxicity: This product is a spray adjuvant and large spills may cause damage to vegetation. Contamination of waterways may cause fish kills. Prevent spread and runoff into drains, storm sewers and ditches that lead to waterways.

Aquatic Toxicity:

Daphnia Magna: LC₅₀ 8.26 mg/L

Bluegili Sunfish: LC50 11.08 mg/L

Rainbow Trout: LC₅₀ 8.98 mg/L

Environmental Fate: Data not available

Section 13—Disposal Considerations

Disposal:

If uncontaminated, recover and reuse as product. If

contaminated with other materials, the nature and extent of contamination may require use of specialized disposal methods. Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Disposal Regulatory Requirements:

Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

Container Cleaning and Disposal:

Consult local, county, state, or federal regulatory agencies for

acceptable disposal procedures and disposal locations

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

UN/NA No.:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:

LABEL/PLACARD REQUIRED:

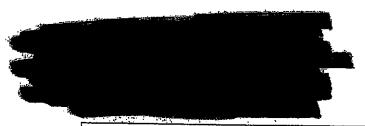
UN/NA No.:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

PACKING GROUP:

HAZARD CLASS:



Product Name:

LABEL/PLACARD REQUIRED:

UN/NA No.:

SECTION 14 NOTES: This product is not considered a hazard

Segilon: 15 – Regulato y Jakormation

EPA Regulations:

Reportable Quantity - CERCLA: Not applicable

SARA Title III (EPCRA): Not applicable RCRA Waste Code: Not applicable

State Regulations:

CA Proposition 65: Not applicable

EPA National Response Center (800) 424-8802

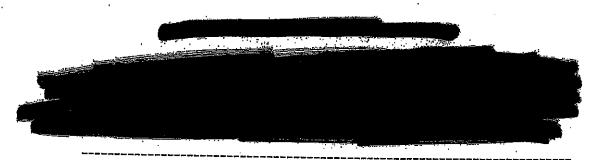
Section 46 - Other Information

Preparation Date: 02/17/15

Prepared B Revision Date: Revision Notes:

NOTICE TO READER:

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IDENTITY

NU-LURE

SECTION I

Manufacturer's Name:

Address

Emergency Telephone Number

Telephone Number for Information

NONE

Date Prepared: 08/25/93

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

OSHA PEL

ACGIH TLV

Other Limits

Recommended

This Product contains no Hazardous Ingredients as defined by the OSHA Hazard Communication Act and State Right-to-Know Laws. This MSDS is provided for Handling Guidelines.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N

Vapor Pressure (mm Hg): NA

Vapor Density (AIR = 1): NA

Specific Gravity

 $(H_2O = 1)$:

1.22 - 1.28

Melting Point:

NA

Evaporation Rate

(Butyl Acetate = 1):

NA

Solubility in Water:

95% Min.

Appearance and Odor:

Brown Liquid, Sweet Odor

NA - Not Applicable or Not Available

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point

(Method Used): ŅΑ Flammable Limits: NA LEL: NA UEL: NA

Extinguishing Media: Water Spray

Special Fire Fighting

Procedures: None

Unusual Fire and

Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability:

Stable

Conditions to Avoid: None Known

Incompatibility

(Materials to Avoid): None Known

Hazardous Decomposition

or Byproducts:

None Known

Hazardous Polymerization: Will Not Occur

Conditions to Avoid:

None Known

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation:

NA

Skin:

NA

Ingestion:

Health Hazards (Acute and Chronic):

This Product is Generally Considered Safe to Humans, Animals, Birds, and Fish.

Carcinogenicity:

NTP:

No

IARC Monographs:

No

OSHA Regulated:

Signs and Symptoms of Exposure: NA

Medical Conditions Generally Aggravated by Exposure: NA

Emergency and First Aid Procedures:

Flush eyes or Skin with Water. Treat the same as any mildly acetic, slightly salty food product, such as Tomato Paste.

Page 2

NA - Not Applicable or Not Available

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Sweep up with Absorbant. Wash Area with Soap and Water. Can be Treated as Non-Hazardous Waste.

Waste Disposal Method:

Dispose of Containers in Accordance with Local/State/Federal Regulations.

Precautions to Be Taken in Handling and Storing:
No Special Precautions Required. Try to Limit Exposure.

Other Precautions: None

SECTION VIII - CONTROL MEASURES

Respiratory Protection: None Required. Avoid Vapor Inhalation

Ventilation:

Local Exhaust: NA

Mechanical (General): If Needed

Special: Other: NA NA

Protective Gloves:

Not Required, Avoid Contact

Eye Protection:

Chemical Splash Goggles Should Always Be Worn.

Other Protective

Clothing or Equipment: Clean, Body-Covering Clothing

Work/Hygienic Practices:

Follow Good Industrial Hygiene Practices.

Page 3

The Information Herein is Given in Good Faith, but no Warranty, Expressed, or Implied, is Made.



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

Generator Waste Profile Profile # 0069

GENERATORINECEMATION					
Name:		USEPA ID#			<u> </u>
Facility Address		SIC/NAICS Code	:State Code		_
City:		State	o Code:		
Contact. Title:	Phone.	The same			,
BILLING INFORMATION	SAME AS AI	BOVE		-	7
Company Name:	· · · · · · · · · · · · · · · · · · ·		•		٠
Address:			<u> </u>	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
City:		State:	Zíp Code:		
Attention:		_	Fax: ()		
	The first of the f	· · · · · · · · · · · · · · · · · · ·			
WASTE INFORMATION				,t	
Name of Waste/Common Chemical Nar	ne:				
WOODS NICKEL (B-8)	•				
Process Generating Waste (Please be specific, I	ncomplete information may	delay the approval	process):	•	
BELTROLYTIC PLATING	- · · · · · · · · · · · · · · · · · · ·				
			· · · · · · · · · · · · · · · · · · ·	<u> </u>	
,			·		
	· · · · · · · · · · · · · · · · · · ·				_
USEPA / STATE WASTE IDENTIFICATION				: "	
	Hazardous Liquid Industrial	Waste K H	azardous Waste	1	
2. Regulated by TSCA? ☐Yes ☑No (PCBs					
3. List ALL Applicable Waste Codes: 2002			· · · · · · · · · · · · · · · · · · ·		
PHYSICAL CHARACTERISTICS OF WASTE					 1
Color: Suspended Solids ☐ White/Clear	Layers: -5 % ☐ Multi-La		cific Gravity: 1.0 – 1.2	a eceptable	١,
☐ Black/Brown ☐ 1-3 % ☐ >	5% Bi-Laye	ered 🔲 0.8 -	-1.0 🗍 1.3 – 1.4		
M Other Great	∑ Single i	 	Other <u>/, 26</u>	08/2/5	
pH: ☐ NA . 🛛 ≤ 2 ☐ 2-4 ☐ 4	-6 ☐ 6-8 E] 8 – 10 🔲 10 –	· 12.5 ∐ <u>≥</u> 12.5		
Liquid Flash Point: ☐ <73°F ☐ 73 – 100°F ☐] 101 – 140°F	00°F ∏>200°F	None X Closed	Cup ☐ Open Cup)
·	*.	<u>-</u>		— .	
VOC CONCENTRATION	PPM (MUST BE CO	MPLETED)		•	
FOTAL COMPOSITION OF WASTE - MUST BE EC	QUAL TO OR GREATER THAN 10	0% (LIST EACH CON	STITUENT >/= 0.1%)	•	
CONSTITUENT	MAX MIN	CONSTITUENT	·	MAX IV	<u>/IIN</u>
Surfunir Acio	<u> </u>				— ⁹
Sorios	25 - 0 %				
					%

<u>EG7 - 28470 Citrin Drive - Romulus - Mi - 48174</u>		Waste Prot	<u>ile – Page 2</u>
Metals: Indicate if this waste contains any of the following metals. If General ☐ Lab Analysis ☐ Generator Knowledge	tor knowledge-provide back	up	
Not Concentration Present PCB ppm Aromatic Amine ppm Dioxins ppm Pesticides ppm Cyanides Reactive ppm Rodenticides ppm Sulfides Reactive ppm Sulfides Total ppm	Arsenic (As) D004 Barium (Ba) D006 Cadmium (Cd) D006 Chromium (Cr) D007 Lead (Pb) D008 Mercury (Hg) D008 Selenium (Se) D010 Silver (Ag) D011	5	ppm
TCLP Organics D012 ÷ D043 above regulatory limits: Present ☐ Not Present.	X .		
IS WASTE ANY OF THE FOLLOWING? ☐ Radioactive ☐ Water Reactive ☐ Oxidizer ☐ Shock S ☐ NIOSH Human-Positive Carcinogens ☐ NESHAP Wastes (Benzene, etc.)	Sensitive Reactive (or	ther) 口DOT E 风None	explosives Apply
SHIPPING INFORMATION		• .	
1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? 2. Reportable Quantity (RQ) In pounds 3. DOT Shipping Name RQ, UN 3264, Was-k Consider Line PG ERG Hazardous Constituents for "n.o.s." Such A. Method of Shipment:	XYes □No	NT C, N. O.S.	(sufinie)
3. DOT Shipping Name RO, UN 3264, Wask Conside Lis	Min Acioic, INOM	rd Class <u>8</u>	(UM)432764
PG ERG Hazardous Constituents for "n.o.s." Suchan	ie Acio		<u> </u>
4. Method of Shipment: ☐Bulk Tanker ☐Vac truck ☐Rail C 5. Number of Units to Ship Now: 6. Anticipated Volume 6. Special Handling Requirements including PPE:	ar pullus pulotes		or One Time
CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am famili attached documents. Based on my inquiry and personal knowledge of those i information, the information contained herein is true, accurate, and complete material fact has been omitted as to make this information misleading. I under in the handling and processing of the waste material described herein. If this Technologies not to correct any inconsistencies. Any corrections Environment of the sample characterization and/or regulatory requirements. Printed Name	individuals responsible for to the best of my knowledgerstand that others may ref box is checked	supplying or obta ge and belief. Fur y on this represer est Environmental es will be consist	ining the thermore, no station and warranty Geo-
Generator's Signature:	Dat	te: <u>1</u>	
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRU the waste described in the above referenced Generators Waste Profile Rep one obtained using any of the applicable sampling methods cited in 40 CFR 26 provided below. If you have problems obtaining a representative sample of your representative.	ORT using an appropriate of 61-Appendix 1. Fill in the s	container. A repre sampling informat	esentative sample is ion in the spaces
1. CRAD 2. SAMPLING METHOD COLLECTION POINT	· ·		
3. SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER			
4. Sample No Preservation: Yes ☐ No ☐			
5. CHAIN OF CUSTODY Each person who handles the sample must sign I	below when the sample pa		
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date	Time

RECEIVING & APPR	OVAL FORM
RECEIVING NEORWATIO	
Date	8/6/15
Receiving ID#	
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	

Sampled by

EABANFORNATION 15 127. To			Olijek Brides Onl		
Compatible? (RT#)	(Yes)	No	Barium		
PCBs (ppm)(Oily Waste Only)?	NI	4	Calcium		
TOC (ppm)(CC Waste Only)?	\\\/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\	Total Iron		
Flash Point (°F)	> 140		Magnesium		
pH (S.U.)	1 40.		Sodium Chloride		:
Cyanides? (mg/L)	7	0	Bicarbonate		
Sulfides? (ppm)	2	2.00	Carbonate		
Specific Gravity	1.20		TDS .		
Physical Description	lian	r :0\	Resistivity	<u> </u>	
Stream Consistency	(Yes)	No	Sulfate		
Oil in Sample	Yes	· (M)			٠,
Temperature	7101	450 45			
Conductivity	293.	300			
% Solids	-21.	7			
Turbidity :	(Yes)	No			·
Color (visual)	Gro	0~			
TSS (%)	LO.				
Radiation Screen (as needed)	Nead		7)A		
Lab Signature	<i>O</i> .	Ĵ	\s \(\lambda \)		

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

Generator Waste Profile Profile # 86697

	•			•	
GENERATORINEORIMITON					
Name: 1		3	USEPA ID # 💻		
Facility Address			SIC/NAICS Cod	e:State Code	And the second second
City:			State	o Code:	
Contact	Title:	Phone.			
BILLING INFORMATION		Same as al	BOVE		and the same of th
Company Name:	·		•	•	•
Address:					40 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
City:	•		_State:	Zip Code:	
Attention:	•	Phone: ()	Fax: ()	
WASTE INFORMATION			•	•	
Name of Waste/Common Che	<u>.</u>				
WOODS NIZKEL CB	<u> </u>		<u> </u>	<u> </u>	
Process Generating Waste (Please I		information may	delay the approve	al process):	
					•
		 			
<u></u>			•	<u> </u>	
USEPA / STATE WASTE IDENTIFIC	ATION	•			
1. This waste is considered to be:	☐ Non Hazardou	s Liquid Industria	I Waste	Hazardous Waste	
2. Regulated by TSCA? Tyes D	No (PCBs, etc.)	•		•	
3. List ALL Applicable Waste Codes:	2002				
PHYSICAL CHARACTERISTICS OF	WASTE				
Color: Suspend # 0-1 White/Clear # 0-1 Black/Brown 1-3 Other Gazes	ded Solids % ☐ 3-5 % % ☐ > 5%	Layers: ☐ Multi-L ☐ BI-Laye ☑ Single	ayered \square <0.0	ecific Gravity: 8	acceptable 081215
pH: ☐NA .X ≤ 2 ☐ 2-	4 🗍 4 – 6	□ 6-8 [□ 8 – 10 □ 10	– 12.5 □ ≥12.5	
Liquid Flash Point: □<73°F □ 73		40°F □ 141 – 2	200°F □ >200°F	▼None ▼ Closed	l Cup ☐ Open Cup
VOC CONCENTRATION -	<u>~6</u> ~	PPM (MUST BE C	OMPLETED)		•
TOTAL COMPOSITION OF WASTE	- MUST BE EQUAL TO OF	R GREATER THAN 1	00% (LIST EACH CO	NSTITUENT >/= 0.1%)	;
CONSTITUENT		MAX MIN	CONSTITUENT	•	MAX MIN
Surfunit Acid		25 · 60 %	•		
Sa isi		99 - 75 % <u>-</u> 25 - 0 % <u>-</u>			

EGT - 28470 Citrin Drive - Romu	ulus — MI — 48174			Waste Pro	<u>file – Page 2</u>
Metals: Indicate if this waste conta	ins any of the followi erator Knowledge	ng metals. If General	tor knowledge-provide	backup TAL t	, ' *
Dioxins ppm Portion ppm Portion ppm Romandes Reactive ppm Romandes Total ppm Forting ppm Portion ppm P	Present romatic Amine	Concentration ppm ppm ppm ppm ppm	Arsenic (As) Barium (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D004	mppm mppm mppm mppm mppm mppm
TCLP Organics D012 - D043 above re					
IS WASTE ANY OF THE FOLLOW! ☐ Radioactive ☐ Water Reactive ☐ NIOSH Human-Positive Carcino ☐	ve 🗌 Oxidizer	st One Box Must Be ☐ Shock S Vastes (Benzene, etc	Sensitive 🔲 Reacti	· · ·	Explosives Apply
SHIPPING INFORMATION	1				
1. Is this a DOT Hazardous Material 2. Reportable Quantity (RQ) in pour 3. DOT Shipping Name RO UN PG ERG Hazard 4. Method of Shipment:	l (49CFR 172.101 & nds	173 Subpart D)?	X Yes □No	ANTE, N.O.	(Sufficie)
3. DOT Shipping Name Ro. U.	13264, Was	Conside Lie	Dis Acioic Pro	ペ) ^ Hazard Class <u> </u>	UNDIA 32 64
PG ERG Hazard	ous Constituents for	"n.o.s." 50-fin	ie Acio		<u> </u>
4. Method of Shipment:	☐Bulk Tanker ☐	Vac truck □Rail C	er KiDrums KiT	otes .	
Number of Units to Ship Now: Special Handling Requirements in		_6. Anticipated Volu	me /.Units per Year: _	Vanses	or 🗌 One Time
CERTIFICATION STATEME					•
I hereby represent and warrant that I attached documents. Based on my in information, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incontrol of the sample characterization and/or.	nguiry and personal d herein is true, acco make this informatio waste material des sistencies. Any con	knowledge of those urate, and complete n misleading. I undersibed herein. If this rections Environmen	Individuals responsible to the best of my knowerstand that others man box is checked □. I	ie for supplying or obt wiedge and belief. Fi ay rely on this represo request Environment	alning the urthermore, no entation and warranty al Geo-
Printed Name		4.		_Title!	
Generator's Signature:				_ Date:	
GENERATOR'S CHAIN OF the waste described in the above reference obtained using any of the applicator of the below. If you have problems representative.	renced GENERATORS ble sampling method	Waste Profile Rep is cited in 40 CFR 2	ort using an appropi 61-Appendix 1. Fill ir	riate container. A rep n the sampling inform	resentative sample is ation in the spaces
1. <u>CLAB</u> 2. SAMPZING METHOD	COLLECTION PO	TAIG		•	
3. SAMPLE COLLECTOR'S NAME,	title, employer				
4. Sample NoPn		7 Ka - [****]			
	eservation: Yes [] 1%0 🗀	<u></u>		
5. CHAIN OF CUSTODY Each per	•	- 	below when the sam		
	•	- 	below when the sam Received by: (Signature)	ple passes from one Date	to another.

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROV	AL FORM
RECEIVAG NEORMALICINA	
Date	8/6/15
Receiving ID#	
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	
Sampled by	The second secon
	the second secon

LABANEORMALION TO Allewaste Shippleas		Clinicia Brines Only
Compatible? (RT#)	Yes No	Barium
PCBs (ppm)(Oily Waste Only)?	N/A	Calcium
TOC (ppm)(CC Waste Only)?	· N/A	Total Iron
Flash Point (°F)	> 140	Magnesium
pH (S.U.)	1/20.1	Sodium Chloride :
Cyanides? (mg/L)	230	Bicarbonate
Sulfides? (ppm)	2200	Carbonate
Specific Gravity	1.20.	TDS
Physical Description	liavio	Resistivity
Stream Consistency	(Yes) No	Sulfate
Oil in Sample	Yes (No)	•
Temperature	71°F	
Conductivity	293.95	
% Solids	217	
Turbidity :	Yes No	
Color (visual)	Green	
TSS (%)	LO.l	
Radiation Screen (as needed)	Nead IVE N). Ala .
Lab Signature	0	3 (//)

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



Name		USEPA	.ID# <u>∡</u>		Ĭ.,
Facility Address		SIC/NA	ICS Code: State	Code:	
City:		State	p Code:	. 3	
1			THE RESIDENCE OF THE PARTY OF T		- Contract Contract
Contacta <u></u>		hone ME AS ABOVE	Fax: ()	
Company Name:				•	
Address:				•	
City:		State.	Zip Code:		
Attention:	P	hone: ()	Fax: (
/aste information					
lame of Waste/Common Chemic					
BLFLIROLESS WILKE					
rocess Generating Waste (Please be sp	ecific, incomplete informa	ition may delay the	approval process):		
NON BLEETROLYTIC PLA	111117		· · · · · · · · · · · · · · · · · · ·		
•				<u> </u>	
)N	•			
This waste is considered to be:] Non Hazardous Liquid	Industrial Waste	☑ Hazardous Waste	3	
This waste is considered to be:] Non Hazardous Liquid (PCBs, etc.)	Industrial Waste	☑ Hazardous Waste)	
This waste is considered to be:] Non Hazardous Liquid (PCBs, etc.)	Industrial Waste	₩ Hazardous Waste)	
This waste is considered to be: Regulated by TSCA? Yes No List ALL Applicable Waste Codes:	Non Hazardous Liquid (PCBs, etc.)	Industrial Waste	Mazardous Waste		
This waste is considered to be: Regulated by TSCA? Yes No List ALL Applicable Waste Codes: IYSICAL CHARACTERISTICS OF WAS Color: Suspended S	Non Hazardous Liquid (PCBs, etc.) Color		Specific Gravity:		LU
This waste is considered to be: Regulated by TSCA? Yes No List ALL Applicable Waste Codes: VSICAL CHARACTERISTICS OF WAS Color: Suspended S White/Clear 0-1 %	Non Hazardous Liquid (PCBs, etc.) TE Solids Layer	s: Multi-Layered	Specific Gravity:		fell
This waste is considered to be: Regulated by TSCA? Yes No List ALL Applicable Waste Codes: YSICAL CHARACTERISTICS OF WAS Color: White/Clear Black/Brown Considered to be: The considered to be: Supposed to be: The considered to be: The consid	Non Hazardous Liquid (PCBs, etc.) TE Solids Layer 3-5 %	<u> </u>	Specific Gravity:	2 acep	fell
This waste is considered to be: Regulated by TSCA? List ALL Applicable Waste Codes: WSICAL CHARACTERISTICS OF WASTE Color: White/Clear Black/Brown Other 6	Non Hazardous Liquid (PCBs, etc.) TE Solids Layer 3-5 %	s: Multi-Layered Bi-Layered ´ Single Phase	Specific Gravity: □<0.8	2 2 20 CC CO	fell 215
This waste is considered to be: Regulated by TSCA? ☐ Yes ☐ NO List ALL Applicable Waste Codes: ☐ 00 IVSICAL CHARACTERISTICS OF WAS Color: Suspended S ☐ 0-1 % ☐ 1-3 % ☐ 1-3 % ☐ 1-3 % ☐ Other ☐ 2 ☐ 2 — 4	Non Hazardous Liquid (PCBs, etc.) STE Solids Layer 3-5 % 3-5 % 4-6 6-	s: Multi-Layered Bi-Layered ' Single Phase 8	Specific Gravity: □<0.8	2 2 2 C C C C C C C C C C C C C C C C C	215
This waste is considered to be: Regulated by TSCA? ☐ Yes ☐ NO List ALL Applicable Waste Codes: ☐ 00 VSICAL CHARACTERISTICS OF WAS Color: Suspended S ☐ 0-1 % ☐ 1-3 % ☐ 1-3 % ☐ Other 6000000000000000000000000000000000000	Non Hazardous Liquid (PCBs, etc.) STE Solids Layer 3-5 % 3-5 % 4-6 6-	s: Multi-Layered Bi-Layered ' Single Phase 8	Specific Gravity: □<0.8	2 2 2 C C C C C C C C C C C C C C C C C	215
This waste is considered to be: Regulated by TSCA? Yes No List ALL Applicable Waste Codes: 100 YSICAL CHARACTERISTICS OF WAS Color: Suspended S	Non Hazardous Liquid (PCBs, etc.) STE Solids Layer 3-5 % 5-5% 4-6 6-6	s: Multi-Layered Bi-Layered ' Single Phase 8	Specific Gravity: □<0.8	2 2 2 C C C C C C C C C C C C C C C C C	215
This waste is considered to be: Regulated by TSCA? Yes No List ALL Applicable Waste Codes: 200 YSICAL CHARACTERISTICS OF WAS Color: Suspended S	Non Hazardous Liquid (PCBs, etc.) STE Solids Layer 3-5 %	s: Multi-Layered Bi-Layered ' Single Phase 8	Specific Gravity: □<0.8	2.5 Closed Cup \(\text{Open} \)	215
This waste is considered to be: Regulated by TSCA? Yes No List ALL Applicable Waste Codes: 200 IYSICAL CHARACTERISTICS OF WAS Color: Suspended S	Non Hazardous Liquid (PCBs, etc.) STE Solids Layer 3-5 % 3-5 % 4-6 6- 0°F 101-140°F	s: Multi-Layered Bi-Layered ' Single Phase 8	Specific Gravity:	2.5 Closed Cup \(\text{Open} \)	n Cup
Regulated by TSCA?	Non Hazardous Liquid (PCBs, etc.) STE Solids Layer 3-5 % 3-5 % 3-5 % 4-6 6- 00°F 101 - 140°F PPM (MET BE EQUAL TO OR GREATER MAX	s: Multi-Layered Bi-Layered ' Single Phase 8	Specific Gravity:	2.5 Closed Cup (Oper	n Cup

EGT - 28470 Citrin Drive - Romulus - MI - 48174	Waste Pro	1919 - Page 2
Metals: Indicate if this waste contains any of the following metals. If Generato Lab Analysis Generator Knowledge	r knowledge-provide backup □ TCLP ☑TOTAL	
Not Concentration Not Concentration Present Present PCB IIppm Aromatic Amine IIppm Dioxinsppm Pesticides IIppm Cyanides Reactive IIppm Rodenticides IIppm Cyanides Total IIppm Fungicides IIppm Sulfides Reactive IIppm Sulfides Total IIppm	Arsenic (As) D004	ppm
TCLP Organics D012 - D043 above regulatory limits: Present ☐ Not Present ※		
IS WASTE ANY OF THE FOLLOWING? At Least One Box Must Be C ☐ Radioactive ☐ Water Reactive ☐ Oxidizer ☐ Shock Se ☐ NIOSH Human-Positive Carcinogens ☐ NESHAP Wastes (Benzene, etc.)	nsitive 🔲 Reactive (other) 🔲 DOT 🛚	Explosives Apply
SHIPPING INFORMATION		•
1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?	ŽYes □No	
1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? 2. Reportable Quantity (RQ) in pounds 3. DOT Shipping Name RQ UN326 Uaste Centre Light, PG ERG Hazardous Constituents for "n.o.s." 4. Method of Shipment: Bulk Tanker Vac truck Rail Ca	inorganic, N, O.S. (S	internity of
3. DOT Shipping Name KO, UN3264 Uaste Centres & Lieus	Acrored Hazard Class	(UN)NA 326 4
PG ERG Hazardous Constituents for "n.o.s."	Suctuaiz ACID	<u> </u>
		_
Number of Units to Ship Now:6. Anticipated Volum Special Handling Requirements Including PPE:6.	e / Units per Year: VAA PEJ	or
CERTIFICATION STATEMENT		
I hereby represent and warrant that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those in information, the information contained herein is true, accurate, and complete to material fact has been omitted as to make this information misleading. I under in the handling and processing of the waste material described herein. If this b Technologies not to correct any inconsistencies. Any corrections Environmenta of the sample characterization and/or regulatory requirements.	dividuals responsible for supplying or obta the best of my knowledge and belief. Fu stand that others may rely on this represe ox is checked . I request Environmenta	aining the inhermore, no ntation and warrant il Geo-
Printed Name	Title	
Generator's Signature		
Ocherator e dignature	Dale	-
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced Generators Waste Profile Report one obtained using any of the applicable sampling methods cited in 40 CFR 261 provided below. If you have problems obtaining a representative sample of your representative.	CTIONS: PLEASE collect a representa RT using an appropriate container. A representation of the container of	esentative sample i ition in the spaces
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced GENERATOR'S WASTE PROFILE REPORT One obtained using any of the applicable sampling methods cited in 40 CFR 261 provided below. If you have problems obtaining a representative sample of your representative. 1	CTIONS: PLEASE collect a representa RT using an appropriate container. A representation of the container of	esentative sample i ition in the spaces
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced GENERATORS WASTE PROFILE REPORT One obtained using any of the applicable sampling methods cited in 40 CFR 261 provided below. If you have problems obtaining a representative sample of your representative. 1. 446 2. SAMPLING METHOD COLLECTION POINT	CTIONS: PLEASE collect a representa RT using an appropriate container. A representation of the container of	esentative sample i ition in the spaces
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced GENERATOR'S WASTE PROFILE REPORT One obtained using any of the applicable sampling methods cited in 40 CFR 261 provided below. If you have problems obtaining a representative sample of your representative. 1	CTIONS: PLEASE collect a representa RT using an appropriate container. A representation of the container of	esentative sample i ition in the spaces
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced GENERATORS WASTE PROFILE REPORT One obtained using any of the applicable sampling methods cited in 40 CFR 261 provided below. If you have problems obtaining a representative sample of your representative. 1	CTIONS: PLEASE collect a representa RT using an appropriate container. A representation of the container of	esentative sample i ition in the spaces
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced Generators Waste Profile Report one obtained using any of the applicable sampling methods cited in 40 CFR 261 provided below. If you have problems obtaining a representative sample of you representative. 1	CTIONS: PLEASE collect a representa RT using an appropriate container. A represental Appendix 1. Fill in the sampling information waste, please contact your Environment waste, please contact your Environment waste and the sample passes from one to be sample passes from the sample passes from one to be sample passes from the samp	resentative sample into in the spaces tall Geo-Technologies tall grant another.
GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTOR the waste described in the above referenced Generators Waste Profile Report one obtained using any of the applicable sampling methods cited in 40 CFR 261 provided below. If you have problems obtaining a representative sample of you representative. 1	CTIONS: PLEASE collect a representa RT using an appropriate container. A representary and appropriate container. A representation of the sampling information waste, please contact your Environment	resentative sample i tion in the spaces tal Geo-Technologie

RECEIVING & APPROVAL FORM

	n u 🕓 w		D Z02R	
PEGE VING NEORIVA	lone-			
Date		8/6	115	
Receiving ID#				
Manifest# Line:				
Land Ban Cert included		Yes	. No	
EGT Approval#				Ц,
Generator	==			
Client	,			
Transporter .		•		
Time in			•	
Time out			· · · · · · · · · · · · ·	
Received by				
Sampled by	1			
•		4.2		

EASTNEORWATER ILL		
FAIL VISION SHOWERS ASSESSED.		Official and some services and services are services and services and services and services and services are services and services and services and services are services and services and services and services are services are services and services are services and services are services and services are services are services and services are services and services are services are services and services are
Compatible? (RT#)	(Yes) No	Barium
PCBs (ppm)(Oily Waste	A(W	•
Only)?	1 7 7 5 1	Calcium
TOC (ppm)(CC Waste Only)?	AVA	Total iron
Flash Point (°F)	>140	Magnesium
pH (S.U:)	5.2	Sodium Chloride
Cyanides? (mg/L)	130	Bicarbonate
Sulfides? (ppm)	420.0	Carbonate
Specific Gravity	1.17	TDS
Physical Description	liguid	Resistivity
Stream Consistency	(Yes) / No	Sulfate :
Oil in Sample	Yes (No)	·
Temperature	70°F	
Conductivity	103,6m5	
% Solids	222	
Turbidity	Yes (No)	
Color (visual)	Great	·
TSS (%)	< O1	
Radiation Screen (as needed)	Nead Tre	
(· <i>U</i> ·	
Lab Signature		

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

Generator	Waste Profile
Profile (Waste Profile 00694

					11 010 052 145 465	
GENER <u>ATOR INFORMATIO</u>	N.			1°		
Name:			USEPA	ID.		
Facility Address			_ SIC/NAI	CS Code: Ste	te Code:	
City:			State:	Zip Cod	e: <u>1</u>	
Contact	Title:	Phone		Fax: ()	
BILLING INFORMATION		🔀 same as a	BOVE			No. 100 Maria Mari
Company Name:	'	· · · · · · · · · · · · · · · · · · ·				
Address:			·		· · · · · · · · · · · · · · · · · · ·	
City:	·		_State:	Zip Code	∋:	
Attention:	• •	Phone: ()	Fax: ()	•
WASTE INFORMATION			···	•		
Name of Waste/Common	Chemical Name					•
BLACK OXIDE W	•					•
Process Generating Waste (Pl		lete information may	delay the	approval process):		
NON-BURY	the process					
				•		
	•				 	· · · · · · · · · · · · · · · · · · ·
		•		·		
USEPA / STATE WASTE IDEN	ATIFICATION					
1. This waste is considered to	be: Non Hazard	lous Liquid Industria	l Waste	Hazardous Was	ite	
2. Regulated by TSCA?. ∐Y				•		
3. List ALL Applicable Waste 0	odes: <u>Doob</u> Doo	P 86 8				
PHYSICAL CHARACTERISTIC	S OF WASTE N					• •
	spended Solids	Layers:	<u> </u>	Specific Gravity:		acceptable
☐ Black/Brown	ሺ 0-1 % ☐ 3-5 % ☐ 1-3 % · ☐ > 5%	☐ Multi-L ☐ Bi-Lay		□<0.8 □ 1.0 − □ 0.8 −1.0 □ 1.3 −	1.2 1.4	accepte ble
Other		Z Single		Exact / Other 1:64		081215
»H: □NA □≤2 □	2-4 🗍 4-6	□ 6-8	₹ 8 – 10	☐ 10 – 12.5 ☐ ≥	12.5	
.iquid Flash Point: □ <73°F	□73 100°F □ 101 -	.140°F 144 - 5	2000⊑ □ ≤	2000E Mone M	Closed Cu	n El Open Cup
	•			Soo I. Missie A	- Olosed Ót	b Chouigas
OC CONCENTRATION -		PPM (MUST BE CO	OMPLETED)			•
OTAL COMPOSITION OF WA	STE - MUST BE EQUAL TO	OR GREATER THAN 10	00% (LIST EA	cн CONSTITUENT >/=	0.1%)	
ONSTITUENT		MAX MIN	CONSTIT	UENT		MAX MIN
Surfrate Acto		30 - 0 %				
SOLIDS .		99 - 40 %			 ; 	
		%				
" 		%				

	<u>ulus – MI – 48174 </u>		Waste Profile – Page 2	
Metals: Indicate If this waste conta ☐ Lab Anai ysi s Æ Gen	ains any of the following metals. If G terator Knowledge	enerator knowledge-provide back	cup .	:
Dioxins ppm F Cyanides Reactive ppm F	n Not Concentration Present Aromatic Amine	Arsenic (As) D00 Barium (Ba) D00 Cadmium (Cd) D00 Chromlum (Cr) D00 Lead (Pb) D00 Mercury (Hg) D00 Selenium (Se) D01 Silver (Ag) D01	5	71 71 71 71 71
TCLP Organics D012 - D043 above	regulatory limits: Present 🗌 Not Pre	esent C		
IS WASTE ANY OF THE FOLLOW ☐ Radioactive ☐ Water React ☐ NIOSH Human-Positive Carcino		ock Sensitive 🔲 Reactive (d	other) DOT Explosives None Apply	
	<u> </u>	, and the second secon	- Marie Carlotte - Car	
SHIPPING INFORMATION	•			
	al (49CFR 172.101 & 173 Subpart D))? KYes □No		
2. Reportable Quantity (RQ) in pou		1 -	~ 7	a-
3. DOT Shipping Name RO, NA				86
PG ERG Hazar	•		•	
4. Method of Shipment:	☐Bulk Tanker ☐Vac truck ☐	Rail Car 🗷 Drums 💆 Totes		
5. Number of Units to Ship Now:6. Special Handling Requirements I		Volume / Units per Year: VA	or ☐ One	Time
			The state of the s	
CERTIFICATION STATEM I hereby represent and warrant that 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 incomof the sample characterization and/o	ENT I have personally examined and am inquiry and personal knowledge of the description is true, accurate, and commake this information misleading. It waste material described herein.	nose Individuals responsible for plete to the best of my knowled I understand that others may re If this box is checked □, I requ	r supplying or obtaining the lge and belief. Furthermore, no lly on this representation and w lest Environmental Geo-	o arrani
CERTIFICATION STATEM I hereby represent and warrant that 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 income.	ENT I have personally examined and am inquiry and personal knowledge of the description is true, accurate, and commake this information misleading. It waste material described herein.	nose Individuals responsible for plete to the best of my knowled I understand that others may re If this box is checked □, I requ	r supplying or obtaining the lge and belief. Furthermore, no lly on this representation and w lest Environmental Geo-	o arrani
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incomo fithe sample characterization and/o	ENT I have personally examined and am inquiry and personal knowledge of the description is true, accurate, and commake this information misleading. It waste material described herein.	nose Individuals responsible for plete to the best of my knowled I understand that others may re If this box is checked □, I requ	r supplying or obtaining the lge and belief. Furthermore, no lly on this representation and w lest Environmental Geo-	o arrani
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my 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 No.	ENT I have personally examined and am inquiry and personal knowledge of the defence is true, accurate, and come make this information misleading. It waste material described herein. It is insistencies. Any corrections Enviror regulatory requirements. CUSTODY RECORD INSTERENCE GENERATORS WASTE PROFILE THE PROFILE Able sampling methods cited in 40 C	nose Individuals responsible for plete to the best of my knowled understand that others may refer this box is checked ☐, I requestant Geo-Technologies material Geo-Technolog	r supplying or obtaining the lige and belief. Furthermore, no light on this representation and wheest Environmental Geokes will be consistent with the reliect a representative 1-quart_s container. A representative sampling information in the sp	arrantesults ample ample aces
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorporate of the sample characterization and/or Printed Notes and the Signature: GENERATOR'S CHAIN OF the waste described in the above reference one obtained using any of the application provided below. If you have problem representative.	ENT I have personally examined and am inquiry and personal knowledge of the difference of the differen	nose Individuals responsible for plete to the best of my knowled understand that others may refer this box is checked ☐, I requestant Geo-Technologies material Geo-Technolog	r supplying or obtaining the lige and belief. Furthermore, no light on this representation and wheest Environmental Geokes will be consistent with the reliect a representative 1-quart_s container. A representative sampling information in the sp	arrantesults ample ample aces
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorporate of the sample characterization and/or Printed Notes and the Senerator's Signature: GENERATOR'S CHAIN OF the waste described in the above reference one obtained using any of the application provided below. If you have problem representative.	ENT I have personally examined and am inquiry and personal knowledge of the defence is true, accurate, and come make this information misleading. It waste material described herein. It is insistencies. Any corrections Enviror regulatory requirements. CUSTODY RECORD INSTERENCE GENERATORS WASTE PROFILE THE PROFILE Able sampling methods cited in 40 C	nose Individuals responsible for plete to the best of my knowled understand that others may refer this box is checked ☐, I requestant Geo-Technologies material Geo-Technolog	r supplying or obtaining the lige and belief. Furthermore, no light on this representation and wheest Environmental Geokes will be consistent with the reliect a representative 1-quart_s container. A representative sampling information in the sp	arrantesults ample ample aces
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorporate of the sample characterization and/or Printed Notes and the Signature: GENERATOR'S CHAIN OF the waste described in the above reference one obtained using any of the application provided below. If you have problem representative.	ENT I have personally examined and am inquiry and personal knowledge of the distriction is true, accurate, and come make this information misleading. The waste material described herein. In it is insistencies. Any corrections Enviror regulatory requirements. CUSTODY RECORD INSTANCE PROFILE ADDRESS WASTE PR	nose Individuals responsible for plete to the best of my knowled understand that others may refer this box is checked ☐, I requestant Geo-Technologies material Geo-Technolog	r supplying or obtaining the lige and belief. Furthermore, no light on this representation and wheest Environmental Geokes will be consistent with the reliect a representative 1-quart_s container. A representative sampling information in the sp	arrantesults ample ample aces
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorporate of the sample characterization and/or Printed Notes and the sample characterization and the sample characterization and the sample characterization and the s	ENT I have personally examined and am inquiry and personal knowledge of the difference of the differen	nose Individuals responsible for plete to the best of my knowled understand that others may refer this box is checked ☐, I requestant Geo-Technologies material Geo-Technolog	r supplying or obtaining the lige and belief. Furthermore, no light on this representation and wheest Environmental Geokes will be consistent with the reliect a representative 1-quart_s container. A representative sampling information in the sp	arrantesults ample ample aces
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorporate of the sample characterization and/or Printed Notes of the sample Notes	ENT I have personally examined and am inquiry and personal knowledge of the distriction is true, accurate, and come make this information misleading. It waste material described herein. Insistencies. Any corrections Environg regulatory requirements. CUSTODY RECORD INSTANCE PROFILE ADMINISTRATION OF THE P	nose Individuals responsible for plete to the best of my knowled understand that others may refer this box is checked ☐, I requalmental Geo-Technologies matched ☐, I requal the first place of PLEASE COER REPORT using an appropriate of your waste, please contact	r supplying or obtaining the lige and belief. Furthermore, notify on this representation and west Environmental Geokes will be consistent with the relief a representative 1-quart sontainer. A representative sa sampling information in the spyour Environmental Geo-Technical	arrantesults ample ample aces
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorporate of the sample characterization and/or Printed Notes of the sample Notes	ENT I have personally examined and am inquiry and personal knowledge of the difference of the differen	nose Individuals responsible for plete to the best of my knowled understand that others may refer this box is checked ☐, I requalmental Geo-Technologies matched ☐, I requal the first place of PLEASE COER REPORT using an appropriate of your waste, please contact	r supplying or obtaining the lige and belief. Furthermore, notify on this representation and west Environmental Geokes will be consistent with the relief a representative 1-quart sontainer. A representative sa sampling information in the spyour Environmental Geo-Technical	arrantesults ample ample aces nologic

	- Charles Daniel Control of the Cont
RECEIVING & APPRO	OVAL FORM
REGERMATION	
Date	8/6/15
Receiving ID#	
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator	<u>=</u>
Client	
Transporter .	
Time in	
Time out	
Received by	To the state of th
Sampled by	7

EABLINEORIVATION ASSESSED				
· All Vasie Shipmans			Oinele Brines Onlys	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste Only)?	NA		Calcium	
TOC (ppm)(CC Waste Only)?	1. N/A		Total Iron	
Flash Point (°F)		> 140	Magnesium	
pH (S.U.)	9.6		Sodium Chloride	
Cyanides? (mg/L)	_ <	36	Bicarbonate	
Sulfides? (ppm)		200	Carbonate	
Specific Gravity	1.64	*	TDS	
Physical Description	ligu	-Sy	Resistivity	
Stream Consistency	(Tes	No.	Sulfate	
Oil in Sample	Yes	(M)	•	
Temperature	754		•	· .
Conductivity	97.7m	5		
% Solids	55.8	,		
Turbidity ·	Yes (No)		
Color (visual)	Calosle			
TSS (%)	6. l		A	
Radiation Screen (as needed)	Negel:	ve	1/1/1	
Lab Signature	J .		AGNIL	

RECO4-01 Page

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



GENERATOR INFORMATION		*	•			
Nam			USEPA II	D.	D.	
Facility Address			SIC/NAIC	S Code:State	Code:	
City:			States	Žip Code	the second of th	
Contact:	Title:	Phone	* F13.5	A Company of the Comp		
BILLING INFORMATION		🔀 same as a	BOVE			
Company Name:			-			•
Address:		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
City:			_State:	Zip Code: _		
Attention:	·	Phone: ()	Fax: ()	
WASTE INFORMATION						
Name of Waste/Common C	hemical Name:					
SULFAMATE N	1 .	• 				•
Process Generating Waste (Pleas	e be specific, incomplet	e information may	delay the a	oproval process):		
BLECTROLYTIC P	(VCDJ)	<u>,</u>	· · · · · · · · · · · · · · · · · · ·			
	•	<u></u>				<u> </u>
				,		
					"	•
USEPA / STATE WASTE IDENTIF		•	, 	Series and the series are the series and the series are the series and the series are the series and the series and the series are the series and the series		
 This waste is considered to be: Regulated by TSCA? ☐Yes 		ıs Liquid Industrial	l Waste	Hazardous Waste	•	
3. List ALL Applicable Waste Code	•	Dou7 . Doo!	8	·		
	•					
PHYSICAL CHARACTERISTICS (Color: Suspe	OF WASTE ended Solids	Layers:		Specific Gravity:	accepte	40
☐ White/Clear 🔟 🗓0	-1% 🔲 3-5%	☐ Multi-Li		□< 0.8 □ 1.0 – 1.2		
☐ Black/Brown ☐ 1 ☑ Other alve ∧	-3 % · □ > 5%	☐ Bi-Laye ☑ Single		☐ 0.8 –1.0 ☐ 1.3 – 1.4 Exact / Other <u>1.2.1</u>	08/2	15
	-4 🛛 4-6			☐ 10 — 12.5 ☐ ≥12	.5	
		-				
Liquid Flash Point: 🗌 <73°F 📋	73 – 100°F ☐ 101 – 1	40°F ☐ 141 – 2	200°F □>2	200°F Z None Z C	osed Cup 🗌 Open	Cup
VOC CONCENTRATION -		PPM (MUST BE CO	OMPLETED)			•
TOTAL COMPOSITION OF WAST	E - MUST BE EQUAL TO O	R GREATER THAN 1 0	00% (LIST EAC	CH CONSTITUENT >/= 0.	1%)	
CONSTITUENT		MAX MIN	CONSTIT		MAX	MIN
Sufuniz Acip		30 - 15 % _				
<u>wayen</u> Solips		<u> </u>				"
		%				·
		%			······································	

EGT - 28470 Citrin Drive.— Rom	<u>ulus – MI – 48174 </u>			Waste Profi	<u>le – Page 2</u>
Metals: Indicate if this waste conta ☐ Lab Analysis ☐ Gen	ins any of the followi erator Knowledge	ng metals. If Gene	rator knowledge-provide		
Dioxins ppm P Cyanides Reactive ppm R	Not gresent gresent gresent gresent gresent green gree	Concentration ppm ppm ppm ppm ppm ppm	Arsenic (As) Barlum (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D004	bbut bbut bbut bbut bbut bbut bbut bbut
TCLP Organics D012 - D043 above r	<u></u>	sent 🗌 Not Preser	n X		
IS WASTE ANY OF THE FOLLOW! ☐ Radioactive ☐ Water Reacti ☐ NIOSH Human-Positive Carcino	ve Oxidizer	st One Box Must E ☐ Shock /astes (Benzene, e	: Sensitive 🔲 Reacti	ve (other) DOT E	-
SHIPPING INFORMATION 1. Is this a DOT Hazardous Materia 2. Reportable Quantity (RQ) in pour 3. DOT Shipping Name RQ, VV3		173 Subpart D)?	ØYes □No Actoic/Morgan	Hazard Class	i'e Acio)
PG ERG Hazard	lous Constituents for	"n.o.s."	sufurice A	<u>ون د</u>	
4. Method of Shipment: 5. Number of Units to Ship Now: 6. Special Handling Requirements in	∐Bulk Tanker ∐'	Vac truck □Rail	Car Drums Tr ume / Units per Year:	otes Anies	_ or ☐ One Time
CERTIFICATION STATEMI I hereby represent and warrant that I attached documents. Based on my ininformation, the information containe material fact has been omitted as to in the handling and processing of the Technologies not to correct any incomof the sample characterization and/or Printed Nar	have personally example and personal in the factor of the	cnowledge of those trate, and complete misleading. I un- cribed herein. If the ections Environme	e individuals responsible to the best of my kno derstand that others ma is box is checked	e for supplying or obtai wiedge and belief. Fur ay rely on this represen request Environmental	ning the thermore, no tation and warranty 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 Generators ble sampling method	Waste Profile Re is cited in 40 CFR	PORT using an appropr 261-Appendix 1. Fill in	iate container. A repre the sampling informat	sentative sample it ion in the spaces
1. <u>QCA-b</u> 2. SAMPHING METHOD	COLLECTION PO	INT			
3. <u>Sample Collector's Name,</u>	TITLE. EMPLOYER				
	,		ł		· ·
	eservation: Yes	•			
4. Sample No Pr 5. CHAIN OF CUSTODY Each per	eservation: Yes 🗆	No 🗆	n below when the same	ole passes from one to	another.
4. Sample No Pr	eservation: Yes 🗆	No 🗆	n below when the same Received by: (Signeture)	ole passes from one to Date	another. Time

RECEIVING & APPR	OVAL FOR	RM .
RECEIVINGINEORIVATIO	Territoria.	
Date	8/6)	15
Receiving ID#	4	
Manifest# Line:	,	1
Land Ban Cert included	Yes	. No
EGT Approval #		
Generator .		341
Client		
Transporter		
Time in	•	
Time out		
Received by	4	
Sampled by		

LABINEOR WATTON			Oned Brings Only	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste	10	,		•
Only)?	1 N/H		Calcium	
TOC (ppm)(CC Waste Only)?	NA		Total Iron	·
Flash Point (°F)	641 C		Magnesium	
pH (S.U.)	5.0		Sodium Chloride	·
Cyanides? (mg/L)	430	<u> </u>	Bicarbonate	
Sulfides? (ppm)		-60	Carbonate	
Specific Gravity	1.2_1		TDS	
Physical Description.	ligg	J	Resistivity	
Stream Consistency	(Yes)	No	Sulfate	
Oil in Sample	Yes	(ND)	<u> </u>	,
Temperature	70°F			
Conductivity	67.3	. 5		
% Solids	31.2			
Turbidity ·	Yes (Ng)		
Color (visual)	Gree	_ ر		
TSS (%)	40.1		A	<u></u>
Radiation Screen (as needed)	Nego?	re l		
Lab Signature	0		KAND	
	RECO4	-01 - Pa	ze 1	
·	******		•	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC: 28470-Chim.Dr. Romanis, Nil.48174. Telephone 734.946 1000. Fex 734 946 1002

Generator Waste Profile Profile# 00696

GENERATOR INFORMATION	
Nap	USEPAID#
Fedility Address	SICKNAICS CORE. STATE CORE.
€iban and a second	State State
Confact:	Phòne
The state of the s	MASABONE
Company Varia	
Addit	
City State:	
Attenti	
Wasteinformation Name: of Waste/Common Chemical Name: <u>offspe</u>	r Isis chamicals
Process Gererating Waste-(Please by specific, lincomplete interme	
disposal of old out dated malerial	House of the carbon and the carbon a
**************************************	<u> </u>
LISERA/STATE WASTE DENTIFICATION	
T. This waste is considered to be: [I flow Hazardous Liquid]	Industidat Waste X Hazardous Waste
2. Regulated by TSCAY [Tyes X No (PCBs; ale.)	·
3. List Al.L. Applicable Waste Godes:DD02	The second secon
PHYSICAL CHARACTERISTICS OF WASTE	the state of the s
Çölön: Suspended Solids Léver Livente/Ciper X G-4 % Lise %. L	Manual American & Trans. M. 449-152
☐ Black/Brown ☐ 145 % ☐ 5-5% ☐ Gither <u>varies</u> X	Billayered [10.8—1.0 [11.3—1.4 8 8 1 1 5 8 1 1 5 8 1 1 5
PR DN X & Z D Z-4 D A-6 D 6-	
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Liquid Flash Polist: 🗆 <739F 🗀 .78—1009F 🗀 101—1409F 🗀	1141—2007 Oxford X None Observan Open Out
VOC Concentration	PRIVINGSTARE COMPLETED)
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO DRICKE AND	
	MIN CONSTITUENT MAX MIN.
(f., W	<u> </u>
	%
	\$%
the state of the s	%

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4. Melletigt Sligheds	L'autrent	e Trechie	Decendanione Tentani	1500		A CONTRACTOR OF THE PARTY OF TH	
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(LAB PACK INVENTORY

Gen. Name.

Address _____
City, State, Zip ____
Shipping Name.

EPAID # ______
Dram # ____
Dr. Size & Type
UN or NA #

	Chemical Name	Yaithauldi (emuile <u>v</u>).	State (S/L)	Cont Type (Glass/CIT)	EPA CODE
Į,,	ALL	1- GOUNL	4	4	IM Z
2.	Sollien Net Birelet	1-522			PMZ
8.	Halestanlie Asia	ZMAL	, <i>L</i>	· G	PWZ.
4.	Lucion Progent	500	گئے:	P	4
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Signature .

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

Generator Waste Profile

GENERATORINFORMÁTION	
Name:	USEPA ID #
Facility Address	SIC/NAICS Code:State Code:
City:	Stafe: Zip Code:
Confact: Phone:	Fax: ()
BILLING INFORMATION X SAME AS A	BÖVE
Company Name:	<u>.</u>
Address:	
City:	
Attention:Phone: ()Fax: ()
WASTE INFORMATION Name of Waste/Common Chemical Name: Phos. Dosed	Cleaner (H3POx)
Process Generating Waste (Please be specific, incomplete information may	
<u>Carbon Steel (leaning</u>	· bath
USEPA / STATE WASTE IDENTIFICATION 1. This waste is considered to be: Non Hazardous Liquid Industria 2. Regulated by TSCA? Yes No (PCBs, etc.) 3. List ALL Applicable Waste Codes: D002 D007	Waste Hazardous Waste
PHYSICAL CHARACTERISTICS OF WASTE	
Color: Suspended Solids Layers: White/Clear 0-1 % 3-5 % Multi-L Black/Brown 50-3 % Single	ered 0.8 -1.0 1.3 -1.4
H: □NA 📜≤2 □ 2-4 □ 4-6 □ 6-8 [] 8 – 10
/ Iquid Flash Point: □ <73°F □ 73 – 100°F □ 101 – 140°F □ 141 – 2	00°F ☐>200°F ☐ None ☐ Closed Cup ☐ Open Cup
OC ConcentrationPPM (Must be co	mpleted)
OTAL COMPOSITION OF WASTE - MUST BE EQUAL TO OR GREATER THAN 10	00% (LIST EACH CONSTITUENT>/= 0.1%)
ONSTITUENT MAX MIN MAX	CONSTITUENT MAX MIN
50 % 50 %	
——————————————————————————————————————	%

EGT - 28470 Citrin Drive - Romulus - MI - 48174	Waste Profile Page 2
· · · · · · · · · · · · · · · · · · ·	ด์⊮iedge-provide backup TCLP ☐TOTAL
PCB	Arsenic (As)
TCLP Organics D012 - D043 above regulatory limits: Present ☐ Not Present	See attached
IS WASTE ANY OF THE FOLLOWING? At Least One Box Must Be Chect Radioactive Water Reactive Oxidizer Shock Sensiti NIOSH Human-Positive Carcinogens NESHAP Wastes (Benzene, etc.)	
SHIPPING INFORMATION	geid
1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? 2. Reportable Quantity (RQ) in pounds	Nos (phespheric) 8, PEI
PG ERG Hazardous Constituents for "n.o.s." Pho	phoric Acid
4. Method of Shipment: KBulk Tanker □Vac truck □Rail Car □ 5. Number of Units to Ship Now: □ 6. OO 0 6. Anticipated Volume / U 6. Special Handling Requirements including PPE: N/A-	Drums □Totes nits per Year: or □ One Time
	,
VERTICATION SIATEMENT	
CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familiar with attached documents. Based on my inquiry and personal knowledge of those individinformation, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information misleading. I understand in the handling and processing of the waste material described herein. If this box is Technologies not to correct any inconsistencies. Any corrections Environmental Geo of the sample character the law of the sample ch	uals responsible for supplying or obtaining the best of my knowledge and belief. Furthermore, no I that others may rely on this representation and warranty checked I I traducat Environmental Goo
I hereby represent and warrant that I have personally examined and am familiar with attached documents. Based on my inquiry and personal knowledge of those individual information, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information misleading. I understand in the handling and processing of the waste material described herein. If this have to	uals responsible for supplying or obtaining the best of my knowledge and belief. Furthermore, no I that others may rely on this representation and warranty checked I I traducat Environmental Goo
I hereby represent and warrant that I have personally examined and am familiar with attached documents. Based on my inquiry and personal knowledge of those individinformation, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information misleading. I understand in the handling and processing of the waste material described herein. If this box is Technologies not to correct any inconsistencies. Any corrections Environmental Geo of the sample character had a processing to the sample character had a processing to the sample character had a processing the person of the sample character had a processing the person of the sample character had a processing the person of the sample character had a processing the person of the sample character had a processing the person of the sample character had been a processing the person of the sample character had been a processing the person of the sample character had been a processing that the person of the sample character had been a processing the person of the sample character had been a person of t	uals responsible for supplying or obtaining the best of my knowledge and belief. Furthermore, no I that others may rely on this representation and warranty checked I I traducat Environmental Goo
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I hereby represent and warrant that I have personally examined and am familiar with attached documents. Based on my inquiry and personal knowledge of those individinformation, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information misleading. I understand in the handling and processing of the waste material described herein. If this box is Technologies not to correct any inconsistencies. Any corrections Environmental Geo of the sample characteristic manufactural resistance. Printed Nan Generator's Signature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced Generators Waste Profile Report us one obtained using any of the applicable sampling methods cited in 40 CFR 261-App provided below. If you have problems obtaining a representative sample of your was representative. 1. CAAA 2. COLLECTION POINT 3	Lais responsible for supplying or obtaining the best of my knowledge and belief. Furthermore, no I that others may rely on this representation and warrants checked, I request Environmental Geo-particular process makes will be consistent with the results
I hereby represent and warrant that I have personally examined and am familiar with eitached documents. Based on my inquiry and personal knowledge of those individinformation, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information insleading. I understand in the handling and processing of the waste material described herein. If this box is Technologies not to correct any inconsistencies. Any corrections Environmental Geo of the sample characteristic manufacturate the manu	Lais responsible for supplying or obtaining the best of my knowledge and belief. Furthermore, no I that others may rely on this representation and warrants checked, I request Environmental Geo-particular process makes will be consistent with the results
I hereby represent and warrant that I have personally examined and am familiar with attached documents. Based on my inquiry and personal knowledge of those individinformation, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information misleading. I understand in the handling and processing of the waste material described herein. If this box is Technologies not to correct any inconsistencies. Any corrections Environmental Geo of the sample observed herein. For example, the sample observed to the sample of the waste described in the above referenced Generators Waste Profile Report us one obtained using any of the applicable sampling methods ofted in 40 CFR 261-App provided below. If you have problems obtaining a representative sample of your was representative. 1	Lais responsible for supplying or obtaining the best of my knowledge and belief. Furthermore, no I that others may rely on this representation and warranty checked , I request Environmental Geo-particular that the results of the consistent with the results. Date DNS: Please collect a representative 1-quart sample in gen appropriate container. A representative sample is lendix 1. Fill in the sampling information in the spaces to please contact your Environmental Geo-Technologies.
I hereby represent and warrant that I have personally examined and am familiar with attached documents. Based on my inquiry and personal knowledge of those individinformation, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information misleading. I understand in the handling and processing of the weste material described herein. If this box is Technologies not to correct any inconsistencies. Any corrections Environmental Geo of the sample characterized by inconsistencies. Any corrections Environmental Geo of the sample characterized by inconsistencies. Any corrections Environmental Geo of the sample characterized by inconsistencies. Printed Nan Generator's Signature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION the waste described in the above referenced Generators Waste Profile Report us one obtained using any of the applicable sampling methods cited in 40 CFR 261-App provided below. If you have problems obtaining a representative sample of your was representative. 1	Lais responsible for supplying or obtaining the best of my knowledge and belief. Furthermore, no I that others may rely on this representation and warrants checked, I request Environmental Geo-particles and the consistent with the results plant. Date DNS: Please collect a representative 1-quart sample in the sample in the sample is pendix 1. Fill in the sampling information in the spaces to please contact your Environmental Geo-Technologie

FINGERPRINT FORM

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM				
PRECEIVING INFORMATION				
Date	8/17/15			
Receiving ID#	H3704			
Manifest# Line:				
Land Ban Cert included	Yes	No		
EGT Approval #				
Generator				
Client		14		
Transporter				
Time in				
Time out				
Received by	J.H.	-		
Sampled by	Client			

LABINFORMATION:			
Al-Waste Shipments			Official Brities (Only)
Compatible? (RT#)	(Yes)	No	Barium
PCBs (ppm)(Oily Waste	N/A	•	1
Only)?	·		Calcium
TOC (ppm)(CC Waste Only)?	N/A	· · · · · · · · · · · · · · · · · · ·	Total Iron
Flash Point (°F)	\	,140	Magnesium
pH (S.U.)	3.1		Sodium Chloride
Cyanides? (mg/L)		30	Bicarbonate
Sulfides? (ppm)	4	200	Carbonate
Specific Gravity	1.57		TDS
Physical Description	liqued		Resistivity
Stream Consistency	(Yes	Nq	Sulfate
Oil in Sample	Yes	3	
Temperature	78°F		
Conductivity	18.2 -	3 5	,
% Solids	9.3	, '	
Turbidity	(Yes)	No	
Color (visual)	Bre	وما ما	
TSS (%)		0.1	N .
Radiation Screen (as needed)	Neadive	_ /	
	U		THE MAN
Lab Signature		<u> </u>	b ULINA

REC04-01 - Page 1

Century Chemical Corporation

7707 Lyndon, Detroit, Mi 48238

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:

C-CLEAN 1090LF

PRODUCT

10903

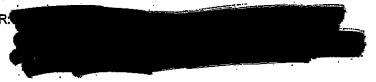
HIMS

Flammability:

Health:

Reactivity:

MANUFACTURER: TELEPHONE: ADDRESS:



SECTION II - COMPOSITION, INFORMATION ON HAZARDOUS INGREDIENTS

Ingredients

Phosphoric Acid

CAS

Percent

7664-38-2 < 85 %

mg/m3

mg/m3 X

SECTION III - HAZARDS IDENTIFICATION

May be harmful if swallowed. May cause skin and eye irritation. Eye protection and rubber gloves are recommended when handling this product.

SECTION IV - FIRST AID MEASURES

In case of eye or skin contact flush with large amounts of water for 15 minutes. If irritation persists, see physician. In case of ingestion, do not induce vomiting; drink large quantities of water to dilute product. Get medical attention at once.

SECTION V - FIRE FIGHTING MEASURES

FLASHPOINT: No Flash LEL: N/E

UEL: N/E

GENERAL HAZARD:

Does not propose a significant fire hazard.

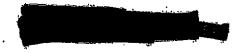
EXTINGUISHING MEDIA: Water, Foam, Carbon Dioxide

SECTION VI - ACCIDENTAL RELEASE MEASURES

Notify the appropriate authorities immediately. Avoid uncontrolled release of this material to environment. Contain spilled liquid with sand, earth or absorbent material. Transfer to secure chemical waste container.

SECTION VII - HANDLING AND STORAGE

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials and flame, heat or other source of Ignition. Do not reuse empty containers without commercial cleaning.



A 02/10/2015

Page 1 of 2

Century Chemical Corporation

7707 Lyndon, Detroit, MI 48238

MATERIAL SAFETY DATA SHEET

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

EYE PROTECTION:

Wear chemical resistant safety glasses, splash goggles or face shield.

SKIN PROTECTION:

Wear chemical resistant rubber gloves.

RESPIRATORY PROTECTION:

For most conditions, no respiratory protection should be needed.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

SPECIFIC GRAVITY: 1.28 to 1.34

COLOR:

Blue Green

6.7 to /1.8

ODOR:

Non-objectionable

BOILING POINT:

SOLUBILITY: 100%

VAPOR PRESSURE: 24 mm Hg @ 75° F

SECTION X - STABILITY AND REACTIVITY

GENERAL:

This product is stable and hazardous polymerization will not occur.

INCOMPATIBILITY:

Strong oxidizing agents. Do not mix with other chemicals.

DECOMPOSITION:

SECTION XI - TOXILOGICAL INFORMATION

None.

No data available.

SECTION XII - ECOLOGICAL INFORMATION

No data available.

SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of according to federal, state and/or local requirements and your company policy. Safety precautions listed on this MSDS also apply to empty containers.

SECTION XIV - TRANSPORT INFORMATION

DOT Hazard Class: Corrosive liquids, N.O.S., (Contains PHOSPHORIC ACID), 8, UN1760, PGII

SECTION XV - REGULATORY INFORMATION

Component chemicals are subject to the reporting requirements of SECTION 313 of SARA TITLE III. Please see MSDS Section il for exposure levels. The listed percent should be used to determine reporting requirements.

SECTION XVI - OTHER INFORMATION.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.



A 02/10/2015

Page 2 of 2

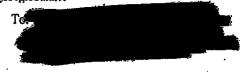
Brighton Analytical, L.L.C. · 2105 Pless Drive

Brighton, Michigan 48116

TM Phone: (810) 229-7575 FAX: (810) 229-8650

e-mail: bai-brighton@sbcglobal.net

Sample Date: 8/5/2015 Submit Date: 8/5/2015 Report Date: 8/7/2015



BA Report Number: BA Sample ID:

Project Names

Project Number:

Sample 1D: Phos Cleaner

Parameters	*1* > > > > > > > > > > > > > > > > > >	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis	PPM		طوم	•		•	
TCLP Arsenic		1500	lig/L	200	SW846 6020	LT ·	8/7/2015
TCLP Barium	1.4	1400	ug/L	100	SW846 6020	ĿT	8/7/2015
TCLP Cadmium	0.53	530	ug/L	40	SW846 6020	LT	8/7/2015
TCLP Chromium	B. !	8100	ug/L	10	SW846 6020	LT	8/7/2015
TCLP Copper	2.4	2400	ug/L	100	SW846 6020	LT	8/7/2015
TCLP Lead		Not detected	ug/L	200	SW846 6020	LT	8/7/2015
TCLP Mercury	•	Not detected	ug/L	2	SW846 7470A	LS	8/6/2015
TCLP Selenium		Not detected	ug/L	300	\$W846 6020	LT	8/7/2015
TCLP Silver		Not detected	ug/L	100	SW846 6020	LT	8/7/2015
TCLP Zine		140000	ug/L	70	SW846 6020	LT	8/7/2015
TCLP Meroury (digestion)	•	Digested			74 70 .	LS	8/6/2015
TCLP Metal (digestion)	,	Digested			3015	HD	8/6/2015
Inorganic Analysis		•	•				
pH		1.8	· S.I.		SW846 9040B	HD	8/6/2015
Phosphorus (total)	•	32000000	ug/L	10	SM4500 PB	MB .	8/6/2015

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by: Date:

Headspace/bubbles in VOA'S? yes 🗌 no 🗍 n/2 🕽 Samples intact: yes Econo (if no, see below) Sample containers and GOC match? yestalmol. For TCLP ONLY -Federal Limits [] Other [] TIME Sample received within holding time? yes Ky no 🖂 Temperature of Samples CAN DATE: Note samples if not intact: RECEIVED BY: Comments: PHONE: RELINQUISHED BY: \approx **>**< >₹ ンナ ASSIST. THE GLASS, no meservative Grysz H'zot DATE: YMBEE HOPE NAOF OS H BACH біры наой ноги олукезевуло RECEIVED BY: VOA:S (PRES) Y 9700 Strike Date if RUSH, approved by: Time Cleared Sample Description KELINQUISHED BY: PROJECT NUMBER: PROJECT NAME: COMPANY.NAM P.O. NUMBER. C数5230 Brighton ID # 9 ক ic. Ġ 12 ⇔ 8



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

REPRESENTATIVE BATCH QUALITY CONTROL Accuracy & Precision

Analyst:	<u> </u>	-,	Parameter:	pH	-
Analysis Date:	8/6/2015	<u> </u>	Method Reference:	SM4500H+B/9040/9045	<u>.</u>
		SPIKE - AC	CURACY	-	
Laboratory ID	TRUE Value	Observed Value	DIFFERENCE	Acceptable Range	Method Blank Concentration
BUFFER 2501704	6.00	5.98	0.02	0.05	
		SPIKE - PRI	ECISION		
Laboratory ID	Observed A	Observed B	DIFFERENCE	Acceptable Range	
CB07985	10.19	10.23	0.04	0.05	
	. *				
		Standard ID #	% Recovery		
Independent Secondary F	Reference Material:				
Method Standard (Labora	atory Control Spike):				
					•
COMMENTS					

REPRESENTATIVE BATCH QUALITY CONTROL Accuracy & Precision

Analyst:	MB	<u></u>	Parameter:	PHOS	_
Analysis Date: _	8/7/2015	· ·	Method Reference:	SM 4500P-E	-
		SPIKE - AC	CURACY		
Laboratory ID	Spike Concentration	Background	% Recoveries	Range (%)	Method Blank Concentration
CB08026	500	27	102/100	90-110	<10
		SPIKE - PR	ECISION		,
Laboratory ID	Observed A	Observed B	RPD	Acceptable Range	
CB08026	535	526	1.7	≤20%	
		MISCELLA	NEOUS		
		Standard ID#	% Recovery		
Independent Secondary Re	eference Material:	WP228	98		
Method Standard (Laborat	ory Control Spike):				

COMMENTS:	

ICP-MS METHOD 6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 8/7/2015 Standard ID: 062415 H2O Batch: 8/6/2015

Matrix Spike Lab ID: CB08202 Matrix: TCLP Analyst: LT

	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
Metals	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS- Method STD (%)	Ind. Std. SPEX 1&3 (%)
Chromium	10253	10645	3.8	2000	105.6	125.2	8142	.<10	90.2	97.9
Copper	4304	4440	3.1	2000	96.9	103.7	2367	<100	91.5	102.3
Zinc	138950	144641	4.0	2000	177.2	461.8	135406	<70	86.4	95.1
Arsenic	3496	3565	2.0	2000	102:0	105.4	1457	<200	89.0	95.7
Selenium	1883	1879	0.2	2000	94.0	93.8	٤,	<300	89.3	98.5
Silver	17.19	16.67	3.1	20	86.0	83.4	0	<100	94,0	97.9
Cadmium	2153	2095	2.7	2000	81.0	78.1	534	<40	88.9	95.6
Barium ,	3152	3125	0.9	2000	86.8	85.5	1416	<100	90.3	96.3
Lead	1901	1866	1.9	2000	93.6	91.9	29	<200	88,2	95.7

Matrix spike precision range +/- 20% RPD

Comments:	•	

^{**} Matrix spike accuracy range +/- 30% recovery

^{***} LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

REPRESENTATIVE BATCH QUALITY CONTROL

Accuracy & Precision

Analyst:	LS	Parameter: Mercury
Analysis Date:	0.8/06/15	Method Reference: 245.2/7470/7471
Matrix:	TCLP	Batch: T1

		SBIGD LAGGE	RACY		
Laboratory ID	Spike Concentration (ug/L)	Background (ug/L)	Recoveries (%)	Acceptable Range (%)	Method Blank Concentration (ug/L)
CB08193	20.0	0.536	97 / 96	70 - 130	<2
Laboratory ID	Observed A (ug/L)	Observed B (ug/L)	RPD (%)	Acceptable Range (%)	
CB08193	19.9	19.7	1.28	0 - 20	
		MISCELLAN	EOUS		
		Standard ID #	Recovery (%)	Acceptable Range (%)	
Independent Secondary I	Reference Material:	SPEX 8302015	93	90 - 110	
Method Standard (Labor	atory Control Spike):	SPC 82016	98	80 - 120	

COMMENTS:		

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

Generator Waste Profile Profile : 227 82

Name: S		USEPA ID	A series held a series and a series are a series and a se	
Facility Ada.		SIC/NAICS Code:	State Code:	
Oliy:		State	Zip Code:	
Conta Titil	Phone: ()	Fax: ()	
BILLING INFORMATION	X same as a	Bove	•	
Company Name:			•	
.ddress:	·			· · · · · · · · · · · · · · · · · · ·
lfy:		_State:	Zip Code:	•
tiention:	Phone: ()	Fax;()	
ASTE INFORMATION				
ime of Waste/Common Chemical Nar	me:	•	•	
HOS CLEANER TANK both	om sludge	· .		
cess Generating Waste (Please be specific, i		delay the approval pro	coss):	•
ANK bottom Studge	· .i .		1 .	*
				<u></u>
EDA / STATE MASTE IDENTIFICATION				
This waste is considered to be: \(\int \text{Non I} \) Regulated by TSCA? \(\int \text{Yes XINO (PCBs} \) List ALL Applicable Waste Codes(\(\int \text{De-2} \) \(\int \text{ALL Applicable Waste Codes(\(\int \text{De-2} \)		l Waste A Haze	ardous Waste	
This waste is considered to be: \(\text{\tint{\text{\tint{\text{\ti}\text{\texi{\text{\texi{\text{\text{\text{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\texit{\text{\te	etc.) 2007		1	
This waste is considered to be: Non Regulated by TSCA? Yes Yino (PCBs List ALL Applicable Waste Codes: Dec 2: Dec	Layers: 5 %	. Specifi	1	082515
This waste is considered to be: Non Regulated by TSCA? Yes Yino (PCBs List ALL Applicable Waste Codes Pec 2: I SICAL CHARACTERISTICS OF WASTE Color: Suspended Solids Yourite/Clear 0-1% 3: 1-3% X > 1 Other & Levy Annual Colors	Layers: 5 %	. Specifi	c Gravity; M 1.0-1.2 1 1.3-1.4 er 1.16	082515 082515
This waste is considered to be: Non Regulated by TSCA? Yes YiNo (PCBs list ALL Applicable Waste Codes: Poo 2: 2 SICAL CHARACTERISTICS OF WASTE Color: Suspended Solids I White/Clear U-1% U-3: I White/Clear U-1-3% U-3: I Other CREY U-4	Layers: Layers:	specification of the second se	c Gravity;	082515 082515
This waste is considered to be: Non Regulated by TSCA? The Manager of the Regulated by TSCA? The Regulated by TSCA? The Regulated by TSCA? The Regulated by TSCAL CHARACTERISTICS OF WASTE Color: Suspended Solids 1-3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % 1 3 - 1 3 % The Regulated by TSCAL CHARACTERISTICS OF WASTE 1 O-1 % THE REGULATED BY THE R	Layers: Layers:	Specification of the second of	c Gravity;	082515 082515
This waste is considered to be: Non Regulated by TSCA? The Manager of the Regulated by TSCA? The Manager of the Regulated by TSCA? The Regulated by TSCA? The Regulated by TSCAL CHARACTERISTICS OF WASTE Color: Suspended Solids 10-1 % 3 - 3 - 100 ft	Layers: 5 %	Specification of the second se	c Gravity;	082515 082515
This waste is considered to be: Non Regulated by TSCA? Yes Yino (PCBs List ALL Applicable Waste Codes Pos 2: If YSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids YVhite/Clear 0-1% 3: 3-1-3% X > 1-3% X > 1	Layers: 5 %	Specification of the second se	c Gravity;	082515 082515
This waste is considered to be: Non Regulated by TSCA? Yes No (PCBs List ALL Applicable Waste Codes Des 2: 2 VSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids VV/hite/Clear 0-1 % 3- Black/Brown 1-3 % X > Other & X > Other & X > Composition of Waste - Must be equal to the compo	Layers: 5 %	Specification of the second se	c Gravity;	0825/5 0825/5 □ Open Cup
Regulated by TSCA? Tyes Vino (PCBs List ALL Applicable Wasts Codes: Vec 2: Vec	Layers: 5 %	Specification of the second se	c Gravity;	0825/5 0825/5 □ Open Cup

	EGT - 28470 Citrin Drive - Romulus - MI - 48174	Wa	ste Profile - Page 2
7	Metals: Indicate if this waste contains any of the following metals,. If Generate Lab Analysis Generator Knowledge	r knowledge-provide backup	
(Not Concentration Not Concentration Present Present PCB III ppm Arometic Amine III ppm Dioxins ppm Pesticides III ppm Cyanides Reactive II ppm Rodenticides III ppm Cyanides Total III ppm Sulfides Total III ppm Sulfides Total III ppm Sulfides Total III ppm	Arsenic (As)	1 ppm
	TCLP Organics D012 - D043 above regulatory limits: Present ☐ Not Present D		•
	IS WASTE ANY OF THE FOLLOWING? At Least One Box Must Be Compared to the Reactive of Oxidizer of Shock Set of NIOSH Human-Positive Carolnogens of NESHAP Wastes (Benzene, etc.)	noifius [7] Bassiius (ethan) [] DOT Explosives Mone Apply
	SHIPPING INFORMATION 1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)? 2. Reportable Quantity (RQ) in pounds 3. DOT Shipping NameRQ, UN1805, Wask Contonic Liquis, A	Yes INO	phosphonie Acia
	PG TIL ERG Hazardous Constituents for "n.o.s." phospho	CIDIE, IN Hazard Class	8 (N)NY 1802
	4. Method of Shipment: Bulk Tanker Vac truck Rall Car 5. Number of Units to Ship Now: 6. Special Handling Requirements including PPE:	Drums OTotes	or 🗌 One Time
V	CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those inconformation, the information contained herein is true, accurate, and complete to material fact has been omitted as to make this information misleading. I unders in the handling and processing of the waste material described herein. If this both Technologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and/or regulatory requirements.	ividuals responsible for supplying the best of my knowledge and be and that others may rely on this in the charlest Engine	or obtaining the lief. Furthermore, no epresentation and warranty
×	CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those inconnection, the information contained herein is true, accurate, and complete to material fact has been omitted as to make this information misleading. I unders in the handling and processing of the waste material described herein. If this both Technologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and/or regulatory requirements. Printed Name:	ine best of my knowledge and be and that others may rely on this is x is checked [], I request Enviro Geo-Technologies makes will be Title:	ior obtaining the lief. Furthermore, no epresentation and warranty nmental Geo-consistent with the results
<u>*</u>	CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those inconformation, the information contained herein is true, accurate, and complete to material fact has been omitted as to make this information misleading. I unders in the handling and processing of the waste material described herein. If this both Technologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and/or regulatory requirements.	Miduals responsible for supplying the best of my knowledge and be and that others may rely on this is is checked [], I request Enviro Geo-Technologies makes will be Title: Date: TIONS: PLEASE collect a repir rusing an appropriate container.	or obtaining the lief. Furthermore, no epresentation and warranty nmental Geo-consistent with the results 2/-/5 resentative 1-quart sample of A representative sample is
XX /	CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those incinformation, the information contained herein is true, accurate, and complete to material fact has been omitted as to make this information misleading. I unders in the handling and processing of the waste material described herein. If this be Technologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and/or regulatory requirements. Printed Name: Generators signature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTURE waste described in the above referenced Generators Waste Profile Report one obtained using any of the applicable sampling methods cited in 40 CFR 261-provided below. If you have problems obtaining a representative sample of your representative. 1	Miduals responsible for supplying the best of my knowledge and be and that others may rely on this is is checked [], I request Enviro Geo-Technologies makes will be Title: Date: TIONS: PLEASE collect a repir rusing an appropriate container.	or obtaining the lief. Furthermore, no epresentation and warranty nmental Geo-consistent with the results 2/-/ resentative 1-quart sample of A representative sample is
X X	CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those incompation, the information contained herein is true, accurate, and complete to material fact has been omitted as to make this information misleading. I unders in the handling and processing of the waste material described herein. If this both the handling and processing of the waste material described herein. If this both the handling and processing of the waste material described herein. If this both the sample characterization and/or regulatory requirements. Printed Name: Generalors signature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTURE waste described in the above referenced Generators Waste Profile Report one obtained using any of the applicable sampling methods cited in 40 CFR 261-provided below. If you have problems obtaining a representative sample of your representative. 1	Anduais responsible for supplying the best of my knowledge and be and that others may rely on this is is checked [], I request Enviro Geo-Technologies makes will be	ief. Furthermore, no epresentation and warranty nmental Geo-consistent with the results 2/-/ resentative 1-quart sample of A representative sample is information in the spaces onmental Geo-Technologies
X X	CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those incompleted information, the information contained herein is true, accurate, and complete to material fact has been omitted as to make this information misleading. I unders in the handling and processing of the waste material described herein. If this be Technologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and/or regulatory requirements. Printed Name: Generators eignature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTURE Waste described in the above referenced Generators Waste Profile Report one obtained using any of the applicable sampling methods cited in 40 CFR 261-provided below. If you have problems obtaining a representative sample of your representative. 1	ine best of my knowledge and be and that others may rely on this is checked [], I request Enviro Geo-Technologies makes will be Title: Title: Date: TIONS: PLEASE collect a repure rusing an appropriate container. Appendix 1. Fill in the sampling waste, please contact your Environment.	ief. Furthermore, no epresentation and warranty nmental Geo-consistent with the results 2/-/ resentative 1-quart sample of A representative sample is information in the spaces onmental Geo-Technologies

	~	APPROVAL	
1 - 2 K - 17 - 11 - 11 S # 11 MS # 2	w		
	friends.	#33 P=2 F=2 I =2 II D S # # N H	
	1030		

HEEGE WINE INFORMATIONS	
Date	8/21/15
Receiving ID#	Phos Tork Bett
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator :	
Client	
Transporter	
Time in	•
Time out	•
Received by "	J.H.
Sampled by	Clicat

	<u> </u>		
LABUNI OR MARIONA.			
Compatible? (RT#)	Yes No		
PCBs (ppm)(Oily Waste Only)?	· MA	7 Calcium	
TOC (ppm)(CC Waste Only)?	NA	Total Iron	•
Flash Point (°F)	>140	Magnesium	
pH (S.U.)	3.6	Sodium Chloride	.,
Cyanides? (mg/L)	(30.	Bicarbonate	
Sulfides? (ppm)	4200	Carbonate	•
Specific Gravity	1.16	TDS '	
Physical Description	jiquid.	Resistivity	ı
Stream Consistency	Yes (No	Sulfate	•
Oil in Sample	Yes (No		•
Temperature	7705		
Conductivity	18.35		
% Solids	62,3		•
Turbidity .	(Yes) No	•	·
Color (visual) · · ·	Grey		
TSS (%)	40.01		
Radiation Screen (as needed)	Negetive 1		
Lab Signature	<u> </u>	10 / M	

REC04-01 - page 1



290 South Wagner Road Ann Arbor, Michigan 48103 Tel. 734/995-0995 Fax. 734/995-3731 Michigan Laboratory ID: 9604 Wisconsin Laboratory ID: 998321720

Semivolatile Organic Compound: Data Summary Shee

For: Mr. Richard Powals

Environmental Geo-Technologies, Inc.

28470 Citrin Drive Romulus, MI 48174 ATS Project: Environmental Geo-Technologies, Inc.

Report Date: 6/29/15

ATS SRF: 0902151

Sample Identification: Injection - July 2015

Sample Date: 8/31/15 Laboratory Receipt Date: 9/2/15

Preparation Date: 9/3/15, 9/21/15

Analysis Date: 9/9/15, 9/26/15

QC Batch Number:

QCORG0903151-E

B510124

Sample Matrix:

Wastewater

Dilution Factor: 500

Parameter (CAS)	Method	Units	Result	Reporting Limit
Aldrin (309-00-2)	EPA 8270 Mod	mg/mL	<0.0001	0.00001
Benzidine (92-87-5)	EPA 8270 Mod	mg/mL	<0.00075	0.00075
N-Nitrosodimethylamine (62-75-9)	EPA 8270 Mod	mg/mL	0.0001	0.0001
Tetraethyl Lead (78-00-2)	EPA 8270 Mod	mg/mL	<0.00005	0.00005
Hexachlorodibenzo-p-dioxins	EPA 1613B	mg/mL	<0.0000000005	0.0000000005
Octachlorodibenzofuran (39001-02-0)	EPA 1613B	mg/mL	< 0.00000000005	0.0000000005
Octachlorodibenzo-p-dioxin (3268-87-9)	EPA 1613B	mg/mL	0.00000000044	0.00000000005
Tetrachlorodibenzo-p-dioxins	EPA 1613B	mg/mL	<0.00000000004	0.0000000004

Surrogates / Labeled Standards:	Method	Percent Recovery	Recovery Limits
2-Fluorobiphenyl	EPA 8270 Mod	109.9	(50 - 150)
Nitrobenzene-d5	EPA 8270 Mod	102.9	(50 - 150)
p-Terphenyl-d14	EPA 8270 Mod	130.8	(50 - 150)
Tetrachloro-m-xylene (TCMX)	EPA 8270 Mod	94.2	(50 - 150)
13C-1,2,3,4,7,8-HxCDD	EPA 1613B	74.7	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	EPA 1613B	74 .7	(28 - 130)
13C-1,2,3,7,8,9-HxCDD	EPA 1613B	74.9	(32 - 141)
13C-OCDF	EPA 1613B	59.1	(17 - 157)
13C-OCDD	EPA 1613B	60.1	(17 - 157)
13C-2,3,7,8-TCDD	EPA 1613B	74.7	(25 - 164)

Comments:

USEPA Analysis 1613B performed by Vista Analytical.