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

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

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

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

Sincerely,

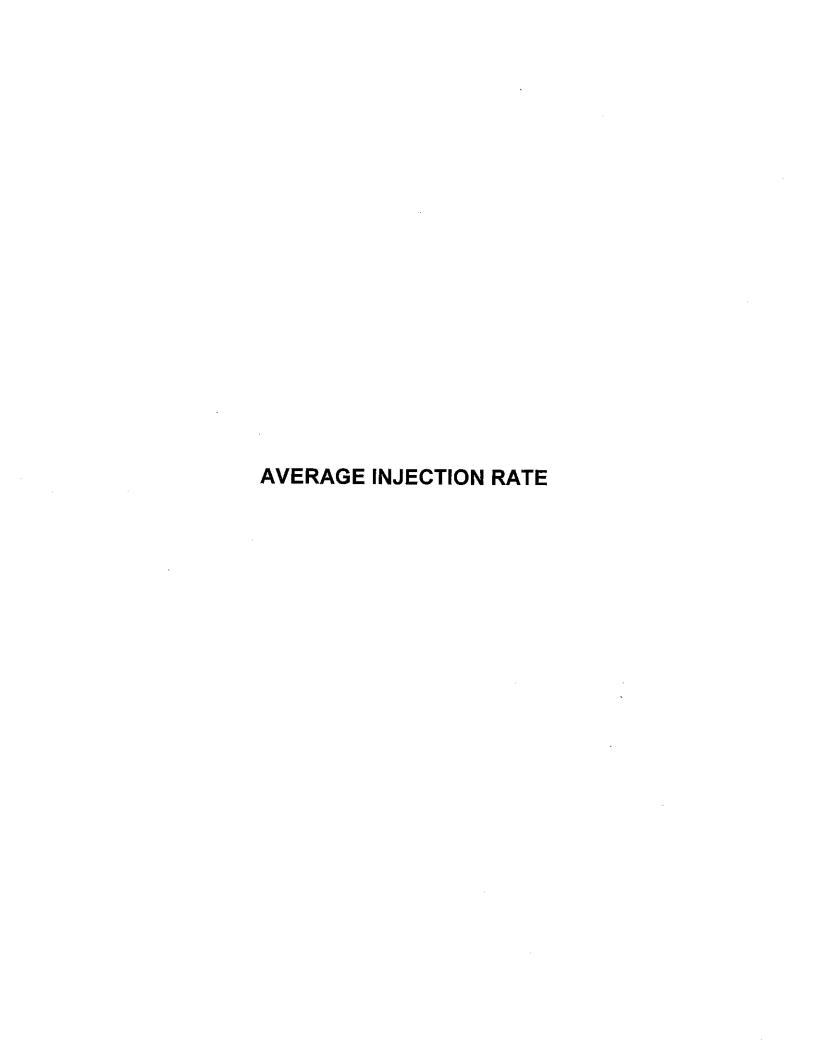
Richard J. Powals, P.E.

Vice-President

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

att.

rjp103015/EGT EPA Monthly Report-September 2015



Calculation of Average Injection Rate

CURRENT REPORTING YEAR	2015
CURRENT REPORTING MONTH	SEPTEMBER

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

CURRENT MONTH (all volumes in gallons)

	Injected Waste	Injected Non-Waste	Total injected
M	I-163-1W-C010, v	Well #1-12	
Current Month	276,724	0	276,724
Since facility first injected			3,258,606
M	I-163-1W-C011, v	VeII #2-12	
Current Month	147,001	0	147,001
Since facility first injected		en op it Australia in English (in die George Later opviolet in George (in die Australia	1,860,463
		Lifetime Combined	5,119,069

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 23

lifetime number of months of injection
$$\times$$
 43,830 minutes/month = $1,808,090$ minutes of injection



Circle Chart Index

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

Chart Recorder #1

Channel #1

Blue Pen - Well 1 Injection Pressure

Channel #2

Red Pen - Well 1 Annulus Pressure

Channel #3

Green Pen - Well 1 Flow Rate

Channel #4

Black Pen - Well 1 Annulus Tank Level

Chart Recorder #2

Channel #1

Blue Pen - Well 2 Injection Pressure

Channel #2

Red Pen - Well 2 Annulus Pressure

Channel #3

Green Pen - Well 2 Flow Rate

Channel #4

Black Pen - Well 2 Annulus Tank Level

Chart Recorder #3

Channel #1

Blue Pen - Injection pH Well 1 & 2

Channel #2

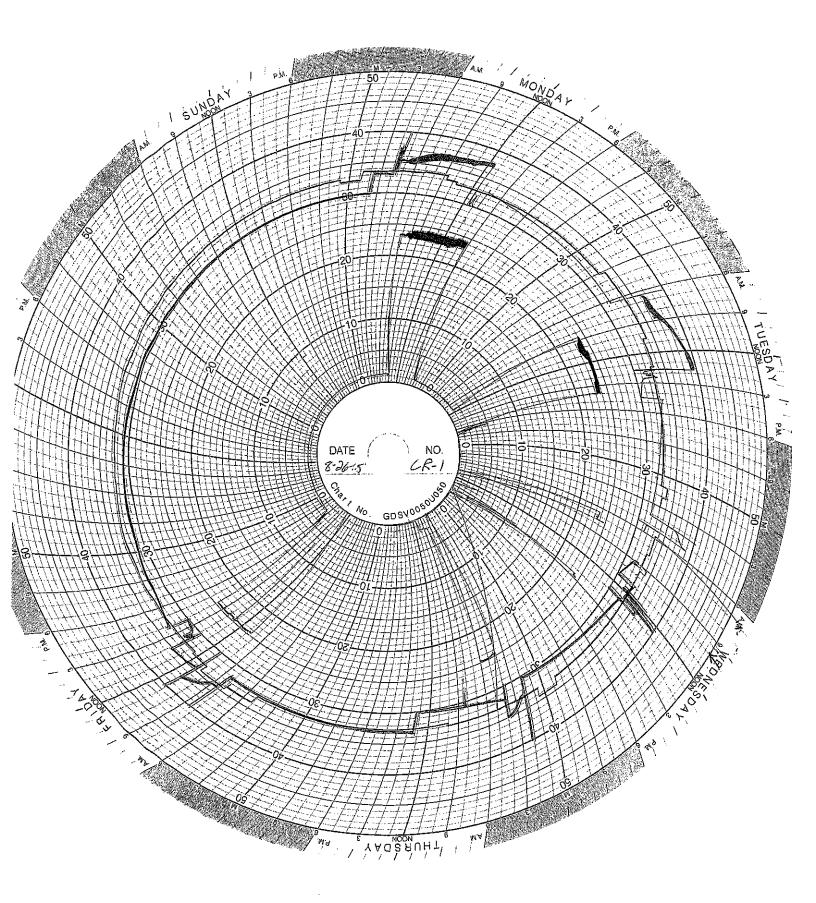
Red Pen - Well 1 Monthly Volume

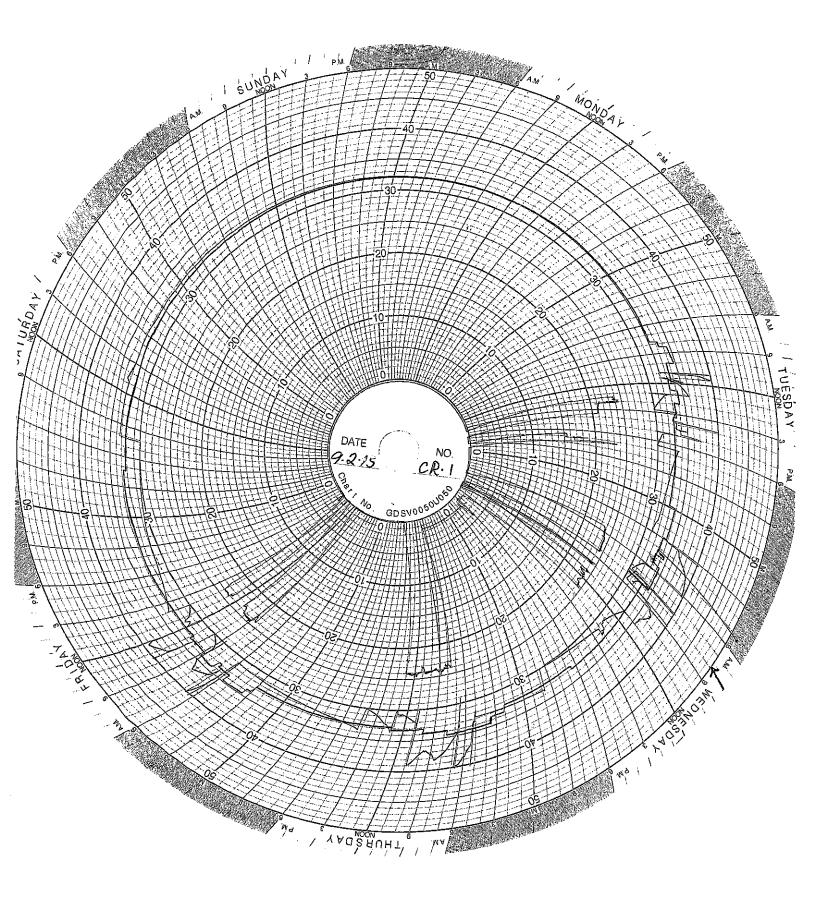
Channel #3

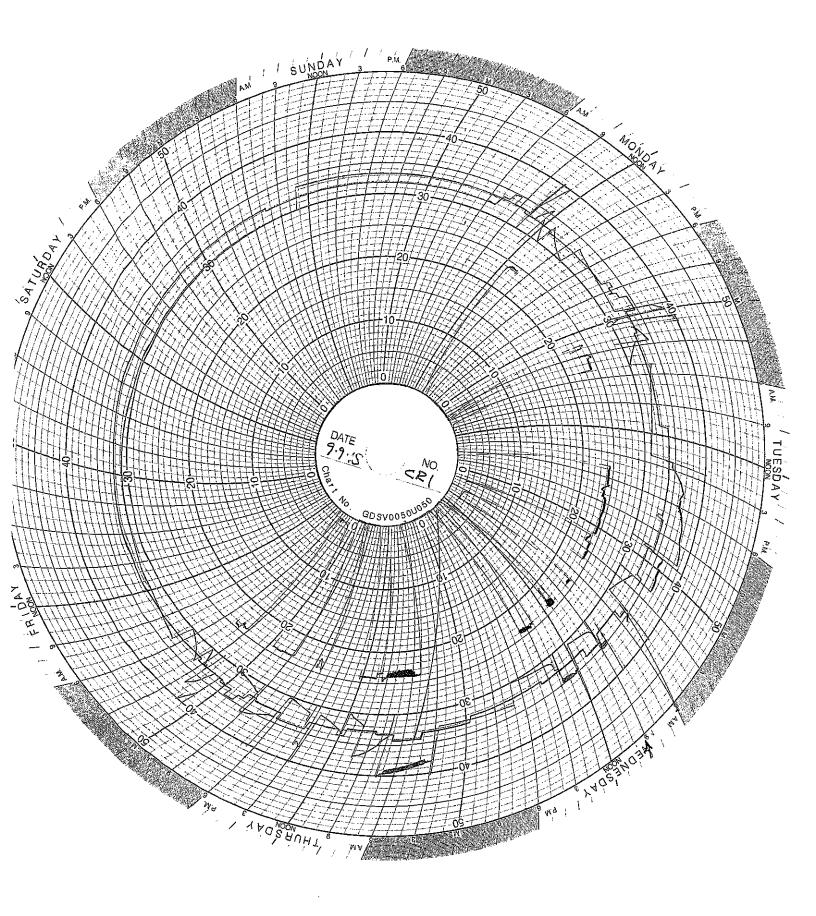
Green Pen - Well 2 Monthly Volume

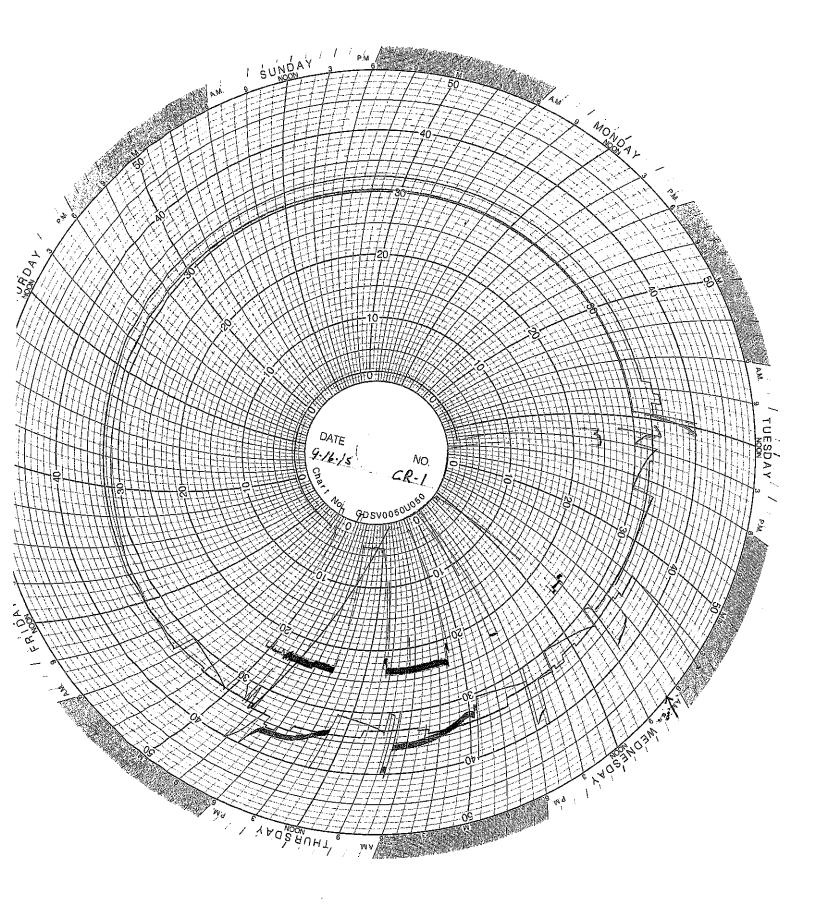
Channel #4

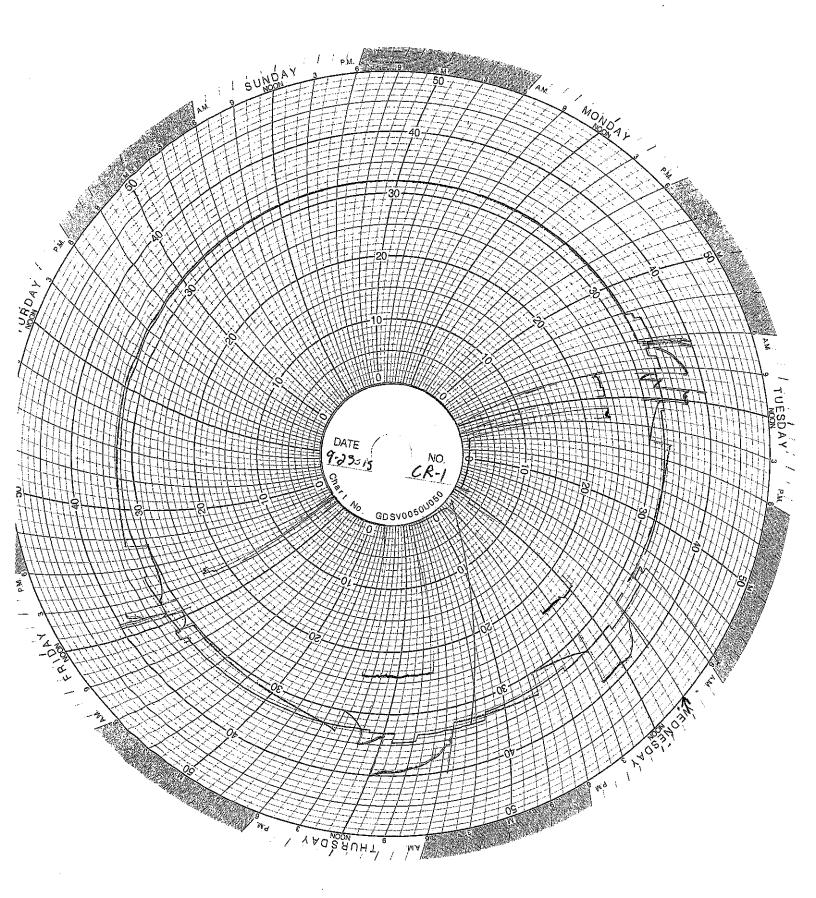
Black Pen - Temperature

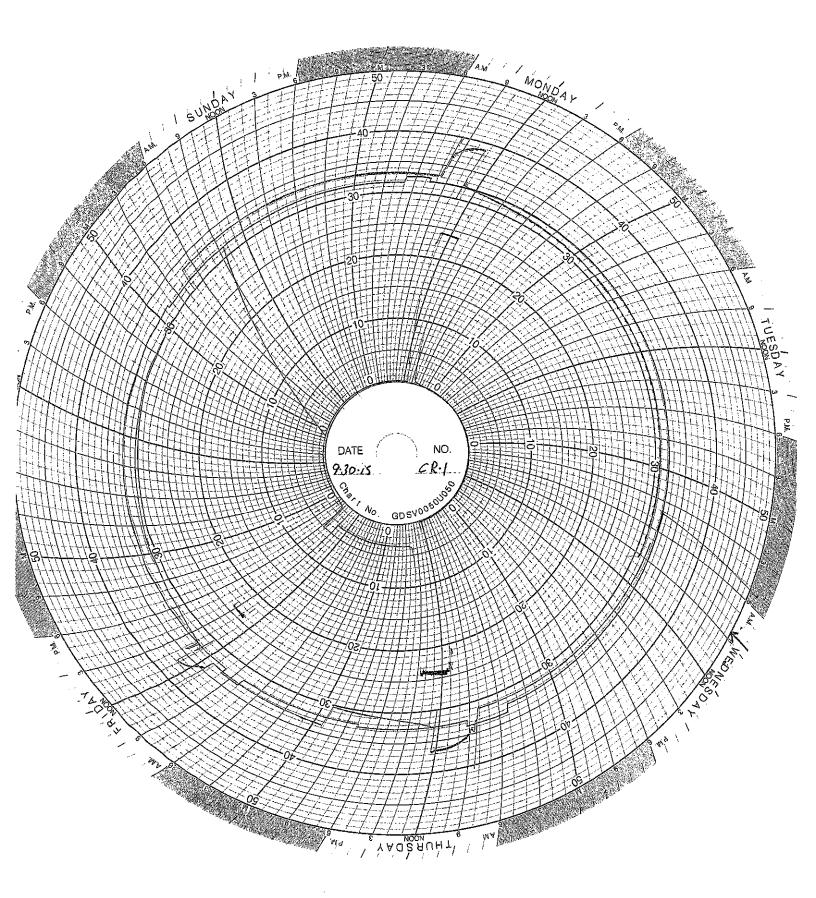














Well 02 Monthly Data

Date	Min	Max	Min	Max	Min	Max	Min	BECOV	A. B. B. B.	1,000	1	
	Injection	Injection	Sight Glass	Sight Glass	Annulus	Annulus	tate		Flow	Flow	Difforontail	Max
	Pressure	.e.	Level	Level	Pressure	Pressure	Hd		Rate	Rate	Presente	Differential
		(PSIG)	(in)	(in)	(PSIG)	(PSIG)			_	(GPM)	(PSIG)	
9/1/2015		729.8	12.5	29.3	299.9	1203.8	1.9	3.0		74.9	301.2	078.4
9/2/2015		744.5	24.7	28.7	334.6	1204.6	1.2	4.2	8.2	217.0	26.1.5	1007 B
9/3/2015	-9.3	740.6	24.6	27.8	298.7	1202.0	1.8	3.4	22.0	398 1	252.3	1007.0
9/4/2015	-10.0	739.0	24.1	29.1	300.0	1200.2	2.2	3.7	10.6	93.0	340.0	1013.0
9/5/2015	-10.0	-10.0	26.7	27.3	300.1	407.6	24	2.5	73.6	200	270.0	1017.5
9/6/2015	-10.0	-10.0	26.6	27.1	362.9	380.0	2.4	24	500	0.00	373.0	417.0
9/7/2015	-10.0	-10.0	26.6	27.2	352.9	363.5	2.3	2.4	0.0	2 0	36.29	390.0
9/8/2015	-10.0	736.2	18.7	26.9	350.1	1204.8	i C	5.0	7 4	1610	302.9	3/3,5
9/9/2015	-10.0	746.4	23.2	28.0	311.1	1204 F	20	2 2	- 4	7 1 2	209.0	1015.5
9/10/2015	-10.0	741.8	23.1	26.1	349.7	1206.6	73	500	17.4	202 2	240.0	1015.4
9/11/2015	6'6-	735.4	22.9	28.2	299.8	1201.6	13	20	4.2	307.6	264.2	1013.7
9/12/2015	-9.9	-9.9	24.8	25.8	300.0	408.0	2.0	2.0	0	200	3000	447.0
9/13/2015	-9.9	6.6-	24.8	25.4	387.0	399.5	2.0	2.0	0 0	0.0	397.0	400 5
9/14/2015	-10.0	730.2	22.4	27.5	316.3	1200.6	1.9	2.4	3.6	260.8	140.6	1117.7
9/15/2015	-10.0	725.1	22.6	27.5	299.8	1199.7	1.6	3.1	1.8	178.5	301.6	1008.3
9/16/2015	-1.9	-1.7	24.8	25.5	345.2	358.5	1.8	3.6	0.0	0.0	346.9	3603
9/17/2015	6.	9.1-	24.8	25.4	340.2	345.8	1.3	4.9	0.0	0.0	342.0	347.6
9/18/2015	9.1-	0.0	22.0	25.1	334.2	341.8	1.5	1.8	0.0	0:0	336.0	3436
9/19/2015	-1.9	-1.7	25.0	25.1	328.8	334.8	1.5	1.5	0.0	0.0	330.6	336.5
3/20/2015	D. L.	-1./	24.8	25.4	325.0	329.5	1.5	1.5	0.0	0.0	326.8	331.3
3/2/1/2/8	57	\ - -	24.8	25.4	321.9	325.6	1.5	1.7	0.0	0.0	323.7	327.4
9/22/2015	D. 6	-1.7	25.0	25.4	319.8	322.5	1.6	2.7	0.0	0.0	321.6	324.3
9/23/2015	5 C	- 	24.8	25.4	318.1	321.1	2.0	2.5	0.0	0.0	319.8	322.8
3/24/2015	S 6	c.r-	24.9	25.5	316.3	320.6	2.0	2.4	0.0	0.0	318.1	322.4
9/25/2015	-10.0	/19.3	22.1	27.7	300.0	1251.5	2.2	3.3	2.9	144.7	310.0	1010.1
9/25/2015	-10.0	-10.0	25.2	25.3	309.9	341.2	2.4	2.5	0.0	0.0	319.9	351.2
3/2//2015	0.01	9.6	25.2	25.3	303.8	310.4	2.5	2.6	0.0	0.0	313.4	320.4
9/28/2015	7.6	6.7-	25.2	25.3	301.5	322.6	2.6	2.8	0.0	0.0	309.9	330.9
3/29/2015	0.0	9 C	25.1	25.3	315.0	319.2	2.1	3.3	0.0	0.0	321.6	327.1
9/30/2015	ر م	ρ. Ο .	24.9	25.5	310.7	315.3	2.1	2.3	0.0	0.0	316.6	322.0
			_									

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

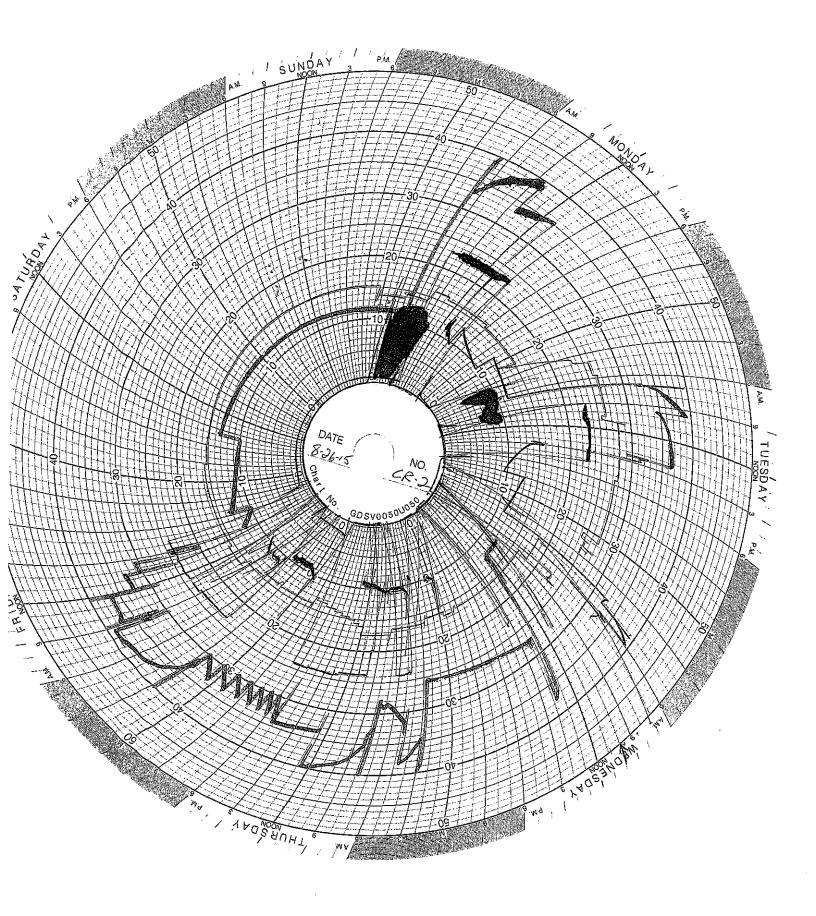
Red Pen - Well 1 Monthly Volume

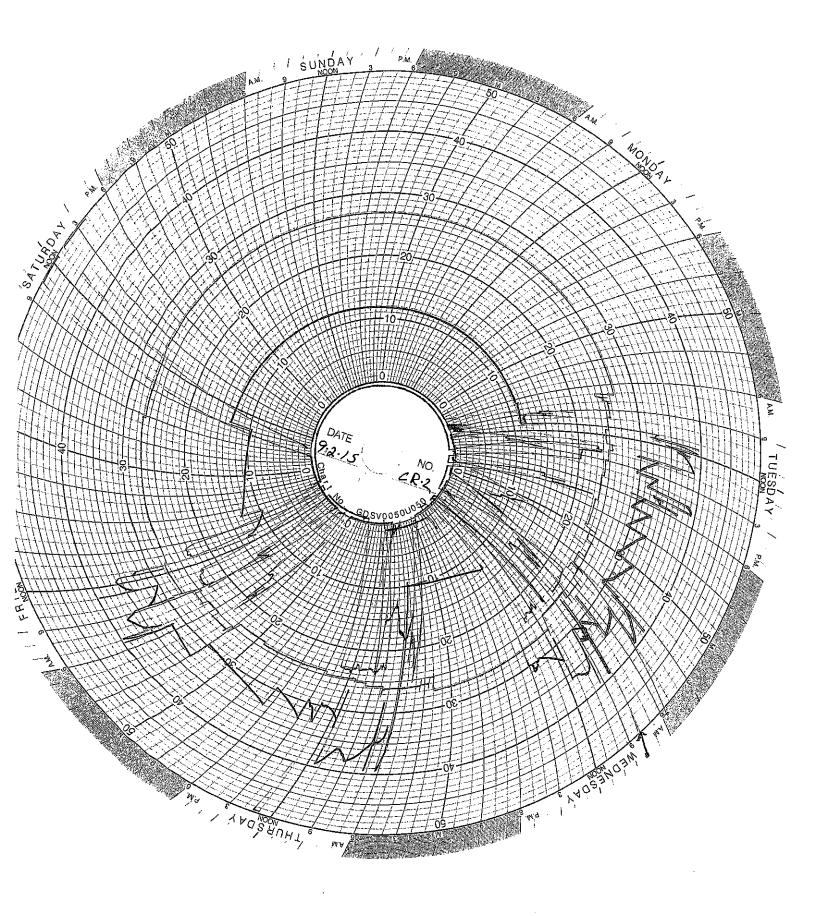
Channel #3

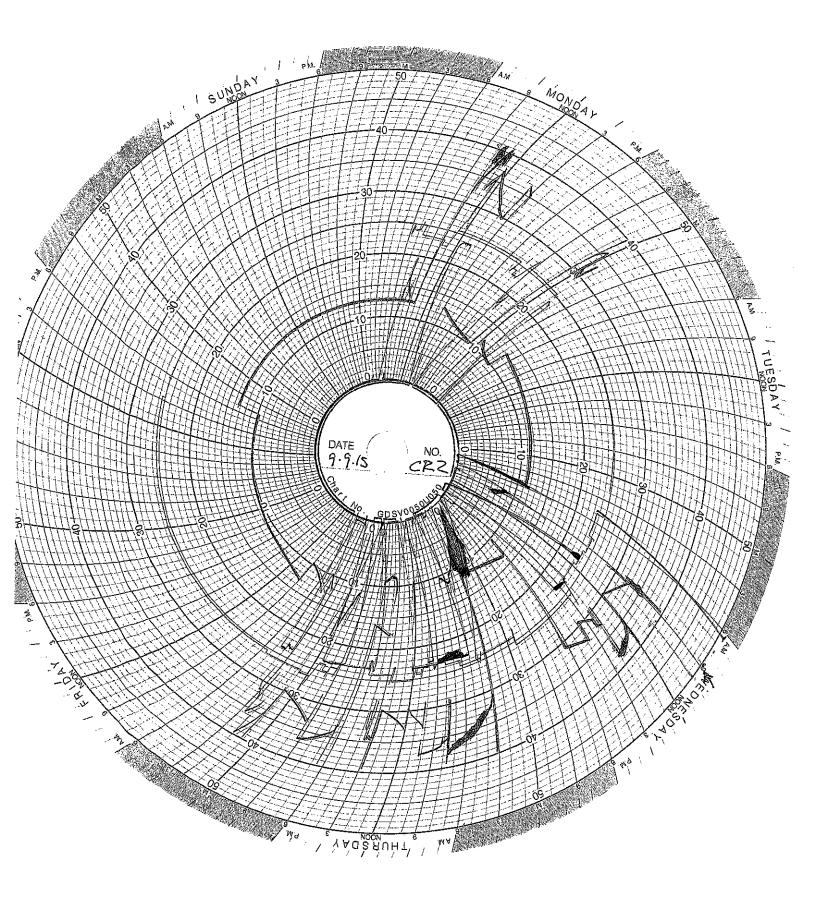
Green Pen - Weli 2 Monthly Volume

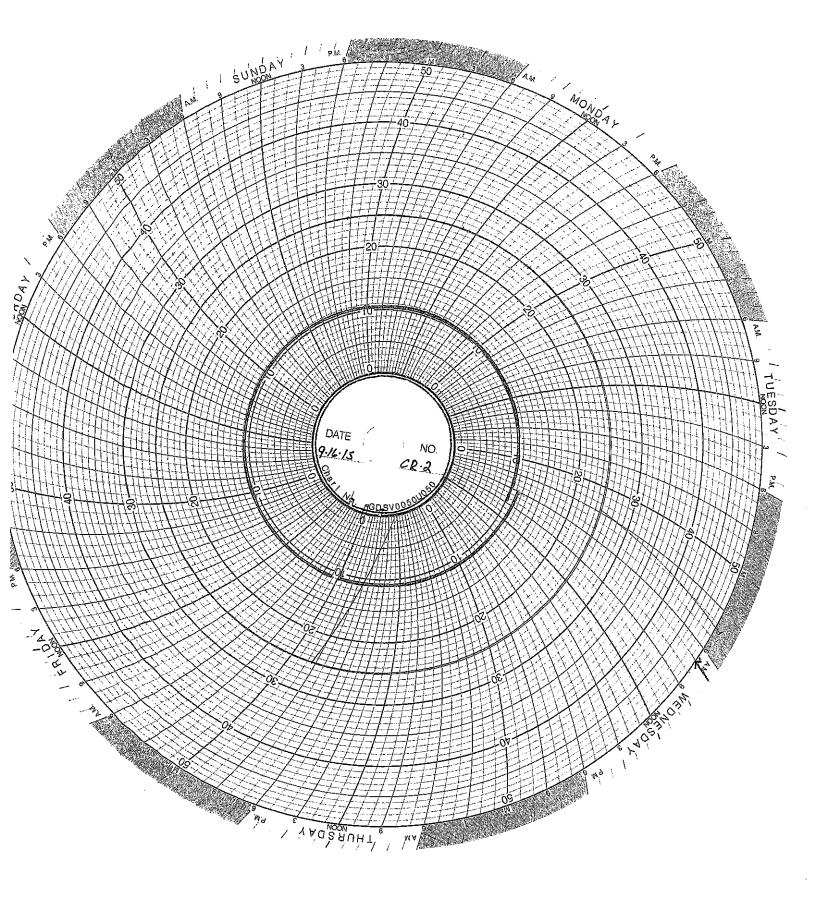
Channel #4

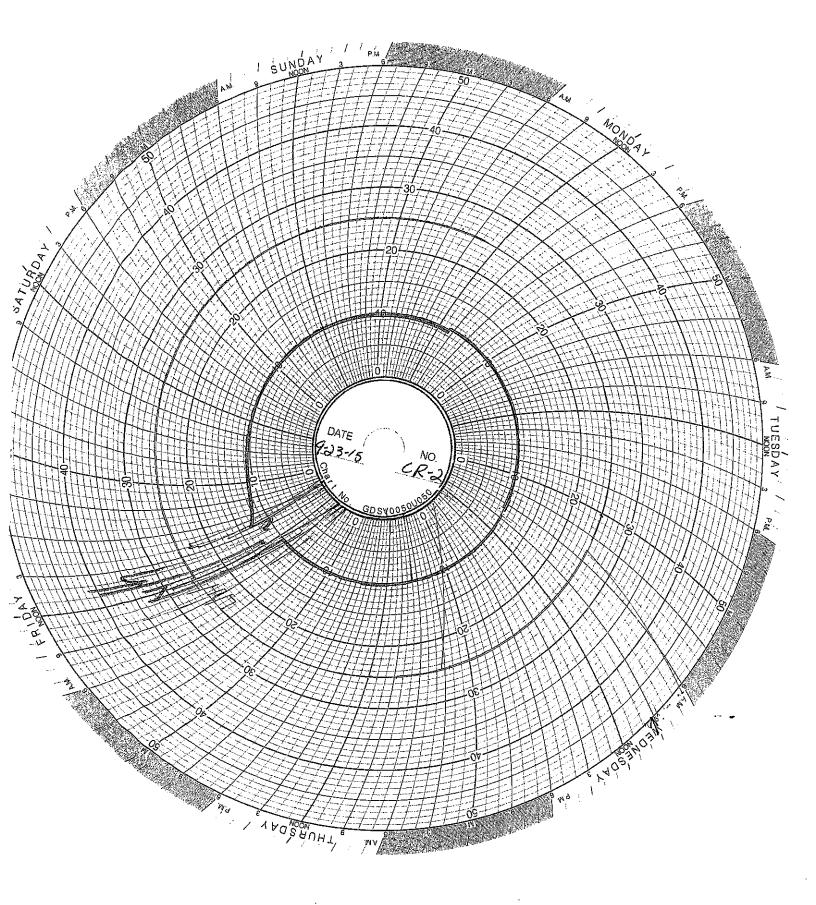
Black Pen - Temperature

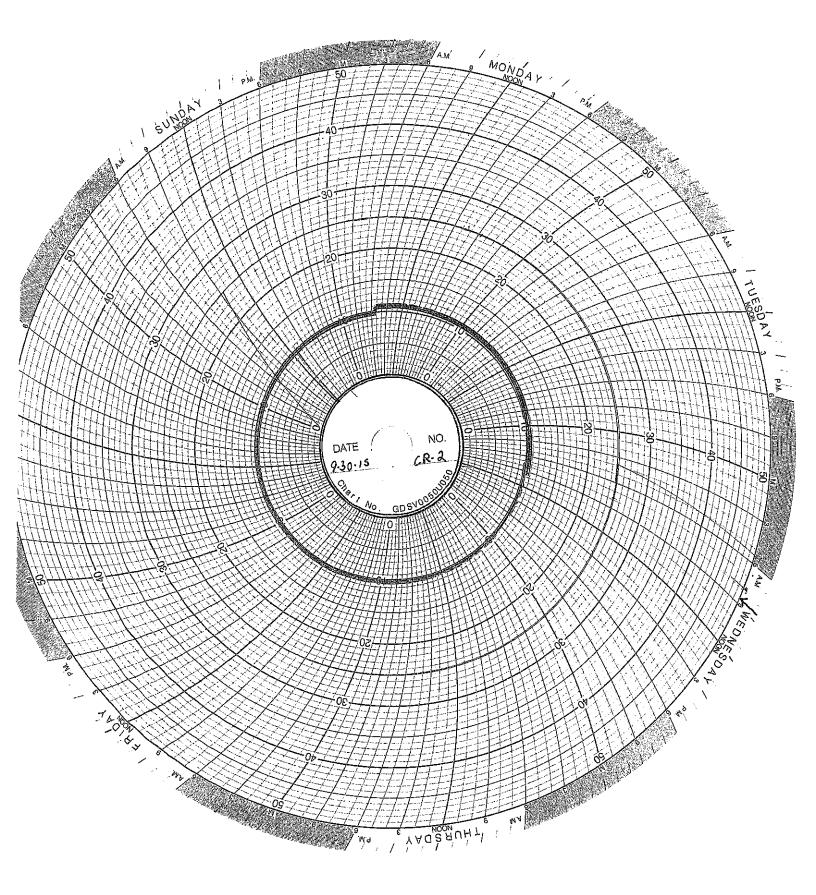


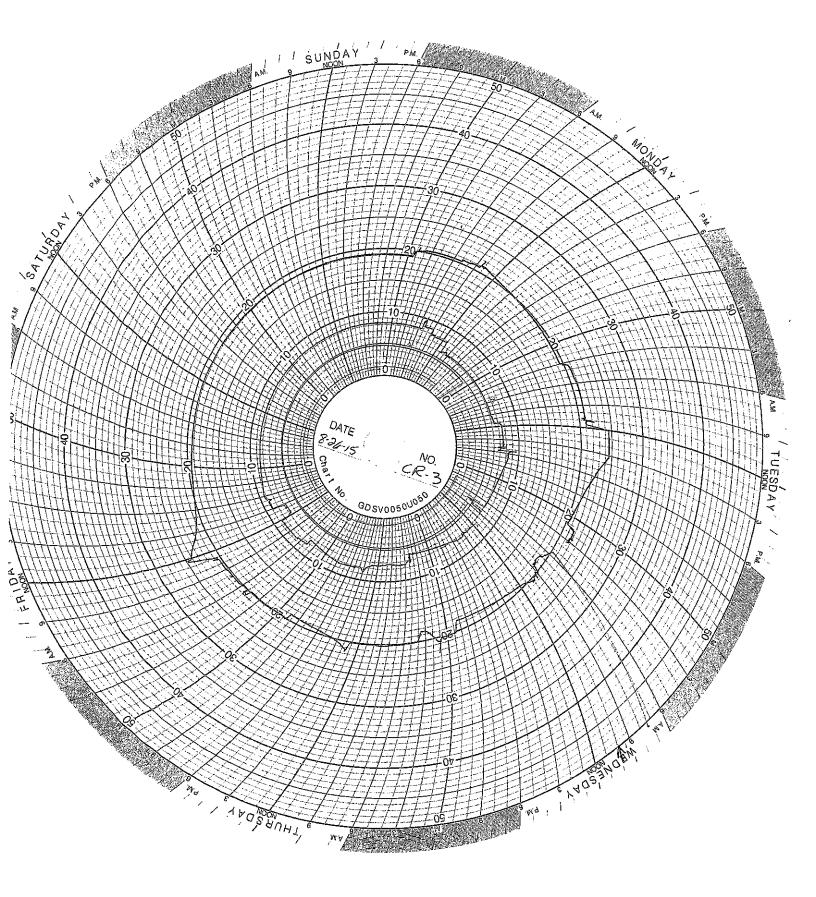


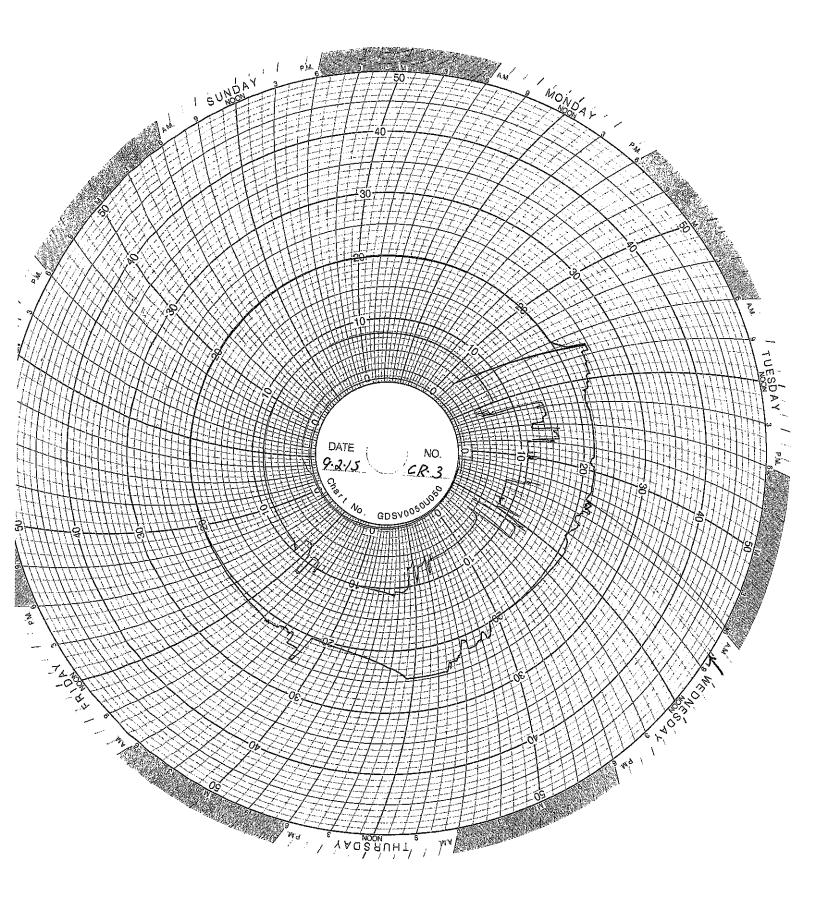


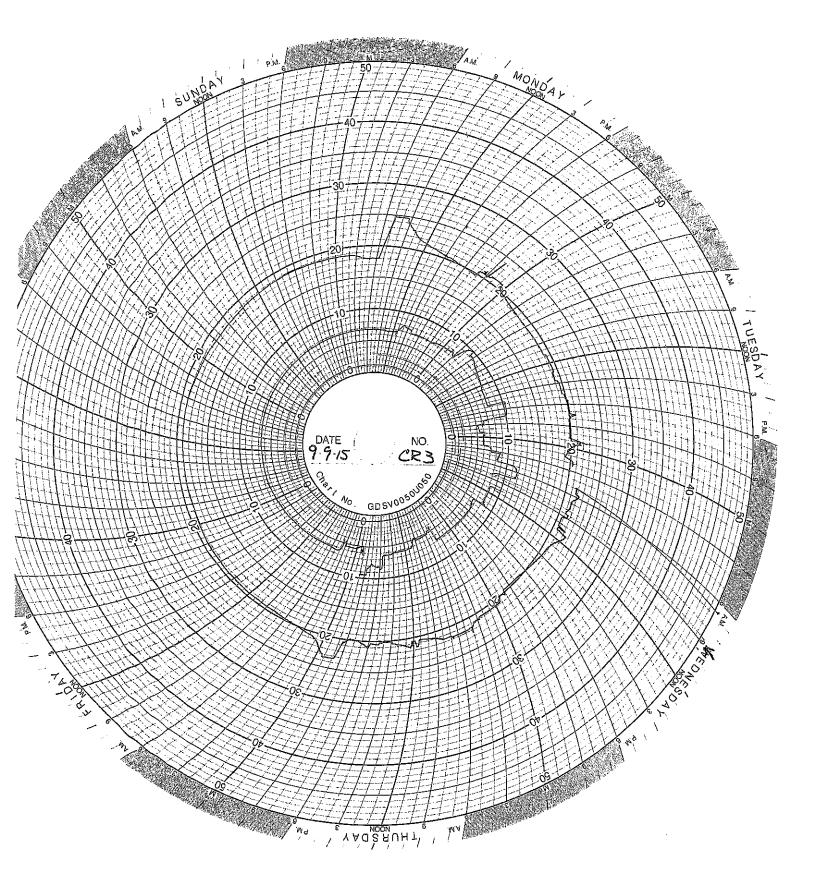


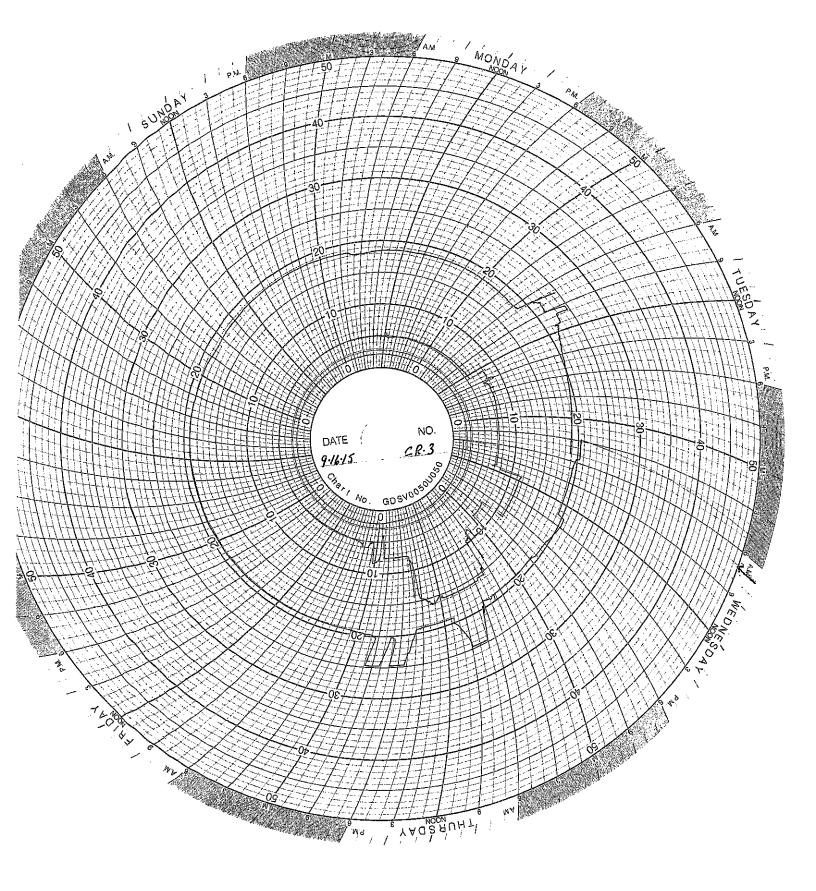


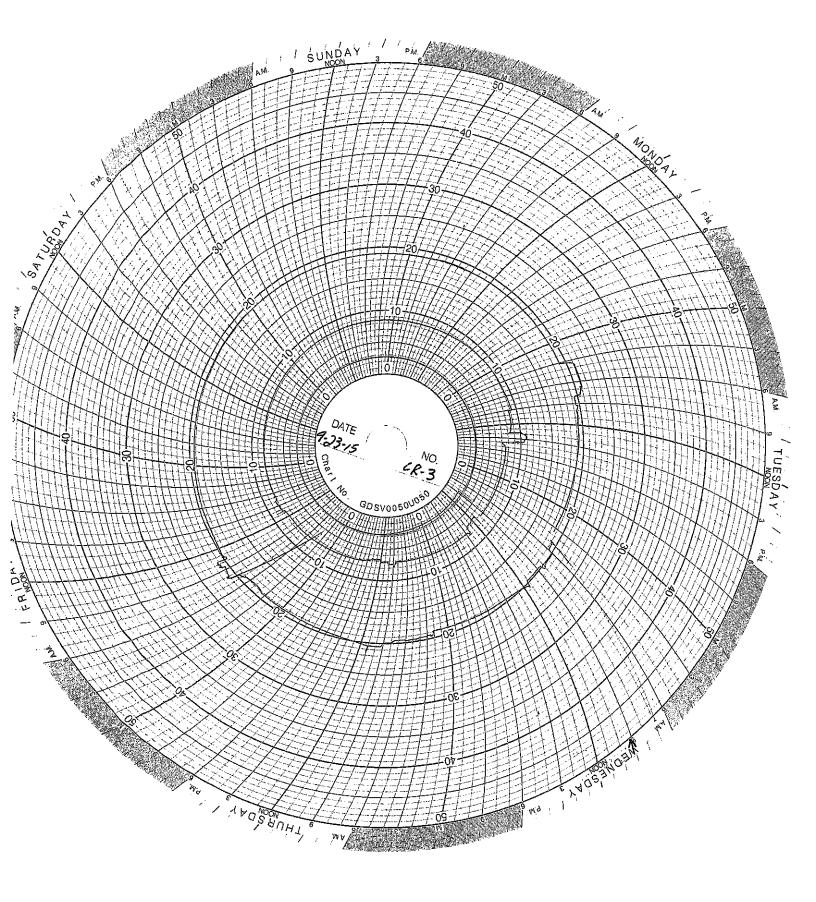


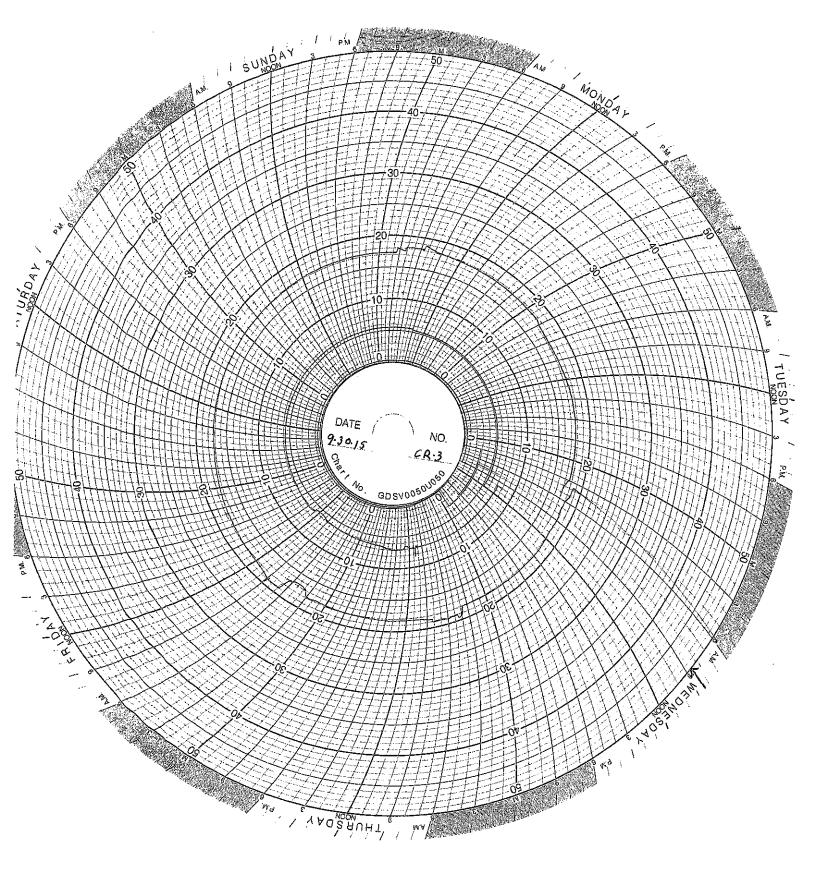


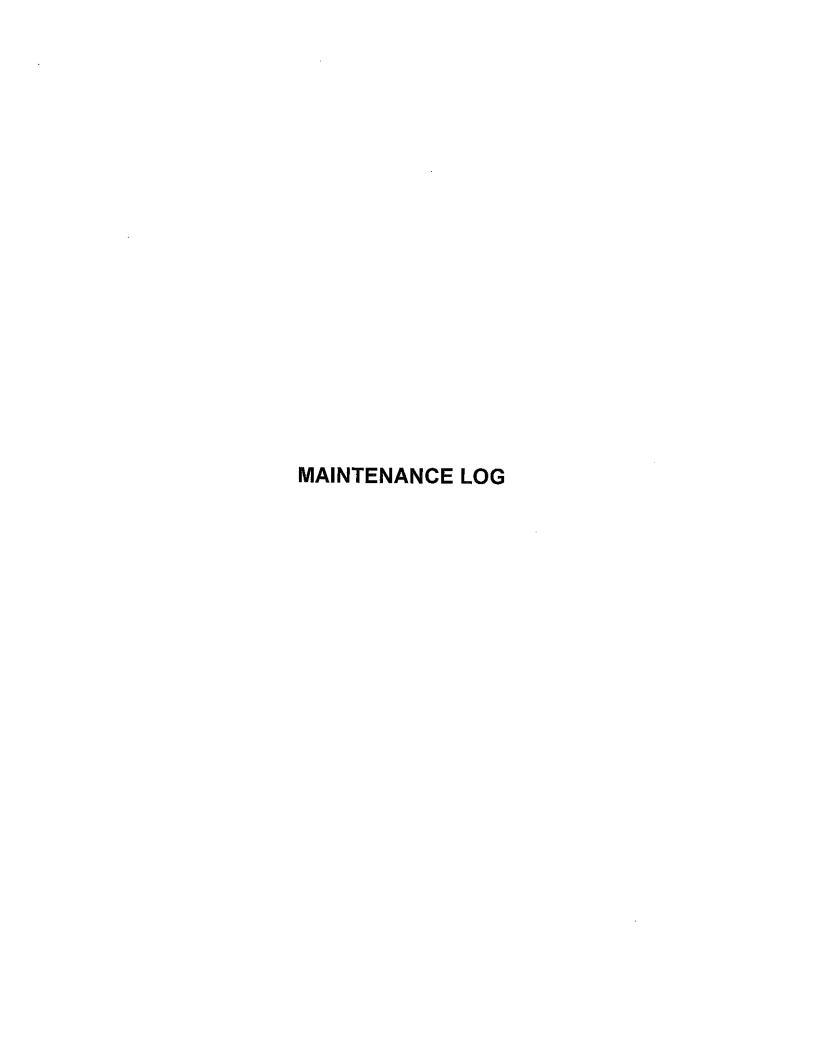






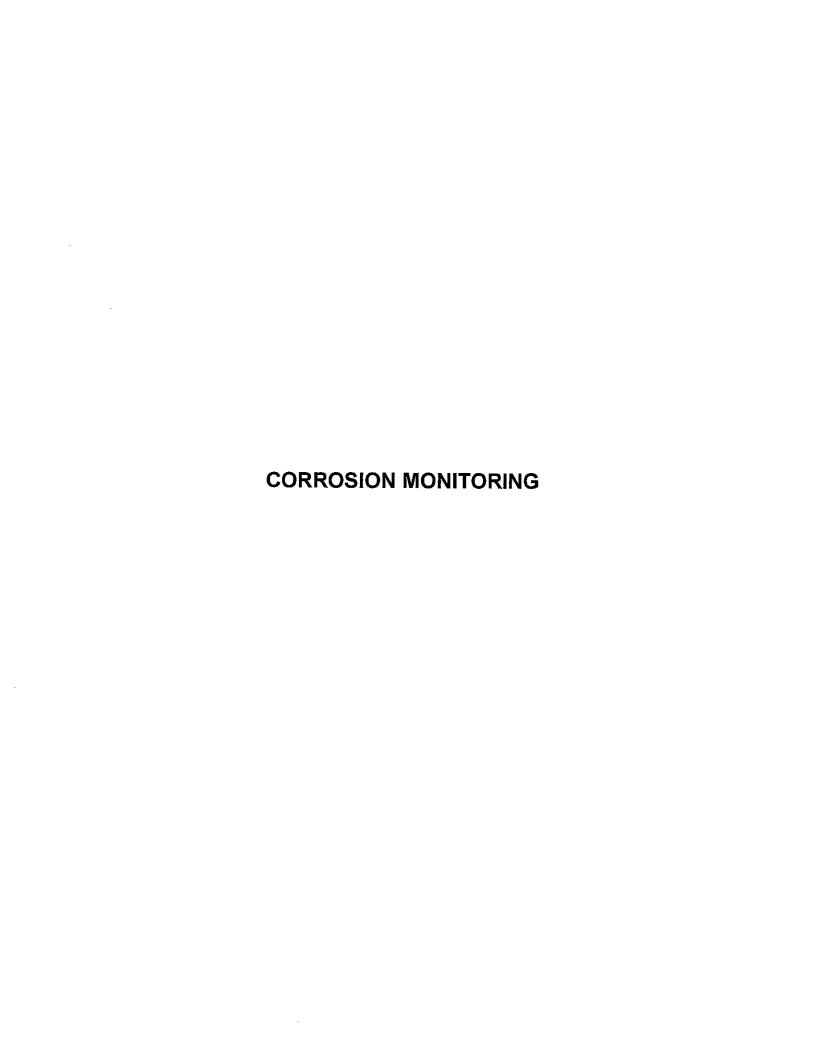






UIC Monthly Maintenance Log

Added 57 nellone of discal fuel to the engine tests	Replaced the sciencial on the SCT order to the	Replaced the bottom ring gasket on the bottom valve of the wellhead
Annulus well 2	SST Tank	Well 2 wellhead valve
9/1/2015	9/11/2015	9/24/2015



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

<u>September 21, 2015</u>

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 less of a black coating on the coupon then there was in August. Its cut edges appear sanded. The coupon is free of pits, cracks, swelling, wicking and blemishes.

Hastelloy Coupon

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

Stainless Steel Coupon

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

CORROSION MONITORING PLAN COUPON SUMMARY

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

GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. C. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

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 full without our written exproval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products. The letters and reports and the name of Ghesquiare Plastic Testing, Inc., are not to be used under any circumstances in advertising to the general public. Samples, extra and related test meterials will be destroyed 30 days after the date of the final report unless the client indicates otherwise in writing.

TOTAL 1 PAGES

GHESQUIERE PLASTIC TESTING, INC.

20450 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (913) 885-3535 - FAX (313) 885-1771

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

A THE TOWN CONTROL SHEW CLOSE CONC.

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. 0. #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.

<u>results</u>:

The following determination was made based upon the above test:

BARCOL HARDNESS

Specimen 1: 90

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

THE PROPERTY OF THE PARTY

the second of the second

GHESQUIERE DLA

人工的研究的 医阿尔斯姆斯斯特氏 中的第三人称单数形式

President

MWG/dm

Our letters and reports are for the exclusive use of the client to whom they are addressed, and shall not be reproduced except in full without our written approval. Our letters and aports apply only to the sample tested and are not necessarily indicative of the qualities of apparently indentical or similar products. The latters and aports and the name of Grasquere Plastic Testing, inc., are not to be used under any documetances 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

GHESQUIERE PLASTIC TESTING, INC.

a servició de la final de la cultura de la companya de la companya de la companya de la companya de la companya

Compared State of the Late of the

20450 HARPER AVENUE HARPER WOODS, MI 48225 PHONE (313) 885-3535 ニースタウンの1995年 2011年 - G. 1885-1771_年

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

The state of the s

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

Attention: Mr. Don Anderson

WORK REQUESTED:

PORT TERM IN HE

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1

85

Specimen was returned to the client June 16, 2014.

GHESQUIERE PLASTIC/TESTING, INC.

President

MWG/dm



October 2, 2014

- TEST REPORT -

PN 118325 PO Attn:John Frost

PLASTICS TESTING DEPARTMENT

Prepared For:

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

Prepared By:

Melissa Martin Sf. Project Technician Approved-By

Jim Drummond
Physical & Plastics Festing, Manager



An A2LA ISO 17025 Accredited Testing Laboratory — Certificate Numbers 255,01 & 255.02 ISO 9001:2008 Registered

ISO 9001:2008

Letters and reports are for the exclusive use of the clients to whom they are addressed and shall not be reproduced, except in full, without the written permission of Alican Rubber Development Laboratory, Inc. (ARDL). The Information contained herein applies to the appoint material, products of processes tested or evaluated. No warranty of any Rind is herein construct or implied.

The liestify of ARDL, Inc. small be limited to the amount of consideration paid for services. ARDL, Inc. is 190 17025 accordited by AZLA for the last methods listed on the attached space.



Testing. Development. Problem Solving.

October 2, 2014

John Frost Environmental Geo-Technologies, LLC

Page 2 of 2 PÑ118325

SUBJECT:

Barcol Hardness on one material,

PO# Attn: John Frost

RECEIVED:

One small section identified as; Fiberglass Coupon.

BARCOLHARDNESS ASTM D 2583-13a

Results

Barcol Hardness, Instant

97

Prepared By

Melissa Martin

Sr. Project Technician

Approved By:

Plastics Testing Assistant Manager

INJECTION FINGERPRINTS

Environmental Geo-Technologies, LLC.

	ര കേത	a con total con a	<i>0 1</i> 0. 11	
RECEIVING	፠ዾ⊫		/ <u>/△</u> \ (1	#= () #= (N/II

RECEIVING IMPORNATION		
Date	9/1	115
Receiving ID#	1 0901	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.	1
Sampled by	96	



	LAB INFORMATION: AIFMasie Shipments			Oilfield Brines Only	and the second s
	Compatible? (RT#)	N/es	. No	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?	0.00		Total Iron	
-	Flash Point (°F)) /40) 	Magnesium	
-	pH (S.U.)	1.6		Sodium Chloride	
	Cyanides? (mg/L)	<u> </u>		Bicarbonate	
Į	Sulfides? (ppm)			Carbonate	
	Specific Gravity	1.07		TDS	3.99 -
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No	÷	
	Temperature	75°F			
7	Conductivity	78.2	~ S		
4	% Solids	3.97.			
ſ	Turbidity	Yes	No		
Γ	Color (visual)	R			
ſ	TSS (%)	(6.			
	Radiation Screen (as needed)	N			
	Lab Signature	· h	X	10hr	

REC04-01 - Page 1

Environmental Geo-Technologies, LLC.

RECEIVINGINFORMATION		
Date	9/1	15
Receiving ID#	109011	502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	び.対),
Sampled by	P	3



	*LABINFORMATION:			Olffeld Brines Chik	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste Only)?			Calcium	·
	TOC (ppm)(CC Waste Only)?	!		Total Iron	
-	Flash Point (°F)	> 140		Magnesium	
	pH (S.U.)	9		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
- [Specific Gravity	1.0	8	TDS	4.12
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
-	Temperature	7901	9887 223		
-	Conductivity	80.3	~ S	·	
-	% Solids	.4.1			
Ĺ	Turbidity	Yes	No		
L	Color (visual)				
- [TSS (%)	20.1			
	Radiation Screen (as needed)				
	Lab Signature) o d		
		REC	4-01 - Pa	ge 1	

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION:		
Date •	9/2	-115
Receiving ID#	T/1902	1501
Manifest# Line:	, ,	
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	0	ot).
Sampled by	Th	



	LAB INFORMATION*			Gilfield Bunes Only			
	Compatible? (RT#)	/Yes	No	Barium			
	PCBs (ppm)(Oily Waste	10					
	Only)?			Calcium			
	TOC (ppm)(CC Waste Only)?			Total Iron	·		
-	Flash Point (°F)	1140		Magnesium			
Mary	pH (S.U.)	10.4	<u> </u>	Sodium Chloride			
	Cyanides? (mg/L)			Bicarbonate			
	Sulfides? (ppm)			Carbonate			
ı	Specific Gravity	1.13		TDS	22.07		
	Physical Description			Resistivity			
	Stream Consistency	Yes	No	Sulfate			
	Oil in Sample	Yes	No				
-	Temperature	75°					
-	Conductivity	> 400.	0 ~5				
-	% Solids	22	-0		<u></u>		
	Turbidity	Yes	No				
	Color (visual)						
	TSS (%)	(0.)					
ſ	Radiation Screen (as needed)				· · · · · · · · · · · · · · · · · · ·		
	Lab Signature			» B/XH			
	REC04-01 - Page 1						

Environmental Geo-Technologies, LLC.

RECEIVING MEORMATION		
Date .	9/2/	15
Receiving ID#	110902	1502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	ML	



	LABINEORMATION All Waste Shipments			Ollheid Brines Only: s			
	Compatible? (RT#)	(Yes)	No	Barium			
	PCBs (ppm)(Oily Waste				. ·		
	Only)?			Calcium			
	TOC (ppm)(CC Waste Only)?			Total Iron	· · · · · · · · · · · · · · · · · · ·		
_	Flash Point (°F)	2140	 	Magnesium			
-	pH (S.U.)	(0.4	·-·· · · · · · · · · · ·	Sodium Chloride			
	Cyanides? (mg/L)			Bicarbonate			
	Sulfides? (ppm)			Carbonate			
-	Specific Gravity	116		TDS	10.0		
	Physical Description			Resistivity			
	Stream Consistency	Yes	No	Sulfate			
	Oil in Sample	Yes	No				
-	Temperature	930	=== == ²				
4	Conductivity	199.5	55				
4	% Solids	10.0					
	Turbidity .	Yes	No				
	Color (visual)						
- [TSS (%)	(0.)					
ſ	Radiation Screen (as needed)	,					
	Lab Signature		V				
	REC04-01 - Page 1						

Environmental Geo-Technologies, LLC.

REGEIMING INFORMATION		
Date	913	115
Receiving ID#	110903	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H	•
Sampled by	SE	3



Yes		Oilfield Brides Only	
Yes			
	No	Barium	
/)?			
	140		
0.9	Ź	Sodium Chloride	
		Bicarbonate	
		Carbonate	
	P	TDS	10.12.
		Resistivity	
Yes	No	Sulfate	
Yes	No		
78	9 F		
20	2.7ms		
10).]		
Yes	No		
40	201		
	/A	A ()	
	De L	Y IN I	
R	EC04-01 – Pa	age 1	
	Yes Yes 78 20 10 Yes	Yes No Yes No 78°F 202.7m5 10.1 Yes No	Magnesium Sodium Chloride Bicarbonate Carbonate TDS Resistivity Yes No Sulfate Yes No 78°F 2027~5 10.1 Yes No

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIMING INFORMATION S		
Date	9/2	3/15
Receiving ID#	TOOLO	31502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter	,	
Time in		
Time out		
Received by	J.H.	
Sampled by	ML	



	LAB INFORMATION All Waste Shipments 15			Oilfield Banes Oally	
	Compatible? (RT#)	Yes .	No	Barium	
	PCBs (ppm)(Oily Waste				·
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
=	Flash Point (°F)	171	0	Magnesium	
~	pH (S.U.)	10.9		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	•
***	Specific Gravity	1.14		TDS	8,0
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
.=	Temperature	810	d d		
-	Conductivity	159.4	1-5		
_	% Solids	8.0			
	Turbidity	Yes	No		
-	Color (visual)				
[TSS (%)	ζ O.)		
	Radiation Screen (as needed)		·	1 / .) . /	
	Lab Signature				nth

REC04-01 - Page 1

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING DEPORTATION		
Date	9/3/	115
Receiving ID#	9/3/	31503
Manifest# Line:		,
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J. 1.	
Sampled by	RA	



	LABUNEGRMATION				
	All Waste Shipments			Ouffield Brines Only	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?			Calcium	<u> </u>
	TOC (ppm)(CC Waste Only)?			Total Iron	
Com	Flash Point (°F)		40	Magnesium	
-	pH (S.U.)	12		Sodium Chloride	
	Cyanides? (mg/L)		_	Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.12		TDS	7.0
	Physical Description			Resistivity	· .
	Stream Consistency	Yes	No	Sulfate	
i	Oil in Sample	Yes	No		
~	Temperature	୍ଷ ପ୍ର			
	Conductivity	139.4	1 mS		
4	% Solids	7.0			
ĺ	Turbidity	Yes	No		
	Color (visuai)				
	TSS (%)	20.			
	Radiation Screen (as needed)			$\sim 10^{-1}$	
	Lab Signature) al		

RE004-01 - Page 1

Environmental Geo-Technologies, LLC.

PECEIVING INFORMATION	
Date	9/4/15
Receiving ID#	T U9041501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	86



	LAB INFORMATION AITWasie Shipments 1773			L Olfjeld Brines Chily:	
	Compatible? (RT#)	Yeş	No	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?	ļ		Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	<u> </u>
_	Flash Point (°F)	> 14	<u> </u>	Magnesium	
	pH (S.U.)	2.3		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.20		TDS	5.47
ļ	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
=	Temperature	84°			
1	Conductivity	108,	5m5		
_[% Solids	5.4			
	Turbidity	Yes	No		
	Color (visual)				
- [TSS (%)	10.	7		
	Radiation Screen (as needed)	A		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	Lab Signature		a X	1/1/1	
		REC	04-01 – Pag	ge 1	-

Environmental Geo-Technologies, LLC.

RECEIMING INFORMATION		
Date	9/4	115
Receiving ID#	T 0904	1502
Manifest# Line:	, .	
Land Ban Cert included	Yes	No ·
EGT Approval#		
Generator -		
Client		
Transporter		
Time in		· ·
Time out		
Received by	a.H.	
Sampled by	ML	



	LAS INFORMATION: All Waste Shipmenis.			Qilheld Brines Önly	
	Compatible? (RT#)	Yes)	No	Barium	,
	PCBs (ppm)(Oily Waste				·
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
-	Flash Point (°F)) / 4	0	Magnesium	
PAR	pH (S.U.)	1.7		Sodium Chloride	
	Cyanides? (mg/L)		<u> </u>	Bicarbonate	
	Sulfides? (ppm)			Carbonate	
==	Specific Gravity	1.12	-ar	TDS	649
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
-	Temperature		-		
-	Conductivity	128	95		
4	% Solids	6.4	,		
	Turbidity	Yes	No		
	Color (visual)	-	-		
[TSS (%)	(0.	1		
	Radiation Screen (as needed)	4).I\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	Lab Signature		Na	MA	

Environmental Geo-Technologies, LLC.

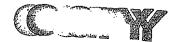
RECEIVING & APPROV	/AL FORM
RECEIVING INFORMATION	
Date	918/15
Receiving ID#	T 1908 1502
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	-
Transporter	
Timein	
Time out	
Received by	5.42
Sampled by	BA



<u> </u>				
LABINFORMATION:			Qilnelo Brines Only	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Olly Waste			3 3 1 1 2 1 1 1	
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)) 140		Magnesium	
pH (S.U.)	2.9		Sodium Chloride	-
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
- Specific Gravity	1.10		TDS	4.92
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
- Temperature	74°F			
Conductivity	97.7.	<		
- % Solids	49			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0.)		<i>I</i> N.	
Radiation Screen (as needed)		D _n		
Lab Signature			Plake '	
	REC04-	DA - Pag	e 1	

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION		
Date	9/8/	15
Receiving ID#	1 0908	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		·
Client		
Transporter		
Time in	· · · · · · · · · · · · · · · · · · ·	
Time out		
Received by	J.H-	
Sampled by	ML	



	LABINFORMATION Administra			Ollheid Brines Only &	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
The	Flash Point (°F)	> 14	10	Magnesium	
~	pH (S.U.)	0.5		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.13		TDS	27.3%
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
Ì	Oil in Sample	Yes	No		
-523	Temperature	94°F			
4	Conductivity	> 400.0	S _		
4	% Solids	27.3			
	Turbidity	Yes	No		
	Color (visual)				
[TSS (%)	(0.)			
	Radiation Screen (as needed)				
	Lab Signature		V	S Ba	

Environmental Geo-Technologies, LLC.

REGENANGINEORMATION	
Dațe	9/9/15
Receiving ID#	T09091501
Manifest# Line:	
Land Ban Cert included	Yes No-:
EGT Approval#	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	RP.



	LABUNEORNATION: All Waste Shipments 12.2			Oilneid Brines Only		
	Compatible? (RT#)	Xes)	No	Barium	<u> </u>	
	PCBs (ppm)(Oily Waste					
	Only)?		· · · · · · ·	Calcium		
	TOC (ppm)(CC Waste Only)?	1	11 11 11 11 11 11 11 11 11 11 11 11 11	Total Iron		
	Flash Point (°F)	· .	140	Magnesium		
-	pH (S.U.)	2.9		Sodium Chloride		
	Cyanides? (mg/L)	•		Bicarbonate		
	Sulfides? (ppm)		•	Carbonate		
-	Specific Gravity	1.00	7	TDS	4.47	
	Physical Description			Resistivity		
	Stream Consistency	Yes	No	Sulfate		
j	Oil in Sample	Yes	_ No			
	Temperature	75	9			
-	Conductivity	97.7	~5			
4	% Solids	4.9				
	Turbidity	Yes	No			
Ţ	Color (visual)					
-	TSS (%)	10.) ,	,		
ſ	Radiation Screen (as needed)	, ''				
	Lab Signature		6	KAIN-		
	RECO4-01 Page 1					

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION		
Date	9/10/	15
Receiving ID#	T09101.	501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		4
Time out		
Received by	JH	
Sampled by	KIAK	



	LABINFORMATION — — — All Wasie Shomens — — —			Olfreid Brines Only			
	Compatible? (RT#)	(Yes)	No	Barium			
	PCBs (ppm)(Oily Waste						
	Only)?		 	Calcium			
	TOC (ppm)(CC Waste Only)?			Total Iron			
-	Flash Point (°F)	>140	<u> </u>	Magnesium			
-	рН (S.Ü.)	12	<u>-</u>	Sodium Chloride			
	Cyanides? (mg/L)			Bicarbonate			
	Sulfides? (ppm)			Carbonate			
_	Specific Gravity	1.08	3	TDS	6.07		
	Physical Description			Resistivity			
Į	Stream Consistency	Yes	No	Sulfate			
Į	Oil in Sample	Yes	No				
-	Temperature	74°F					
7	Conductivity	118.9	~ 5				
4	% Solids	6.0'					
ſ	Turbidity	Yes	No				
ſ	Color (visual)						
- [TSS(%)	(0.1					
Ţ	Radiation Screen (as needed)	<i>A</i>					
	Lab Signature		JP.	Dollar			
-	REC04-01 - Page 1						

Environmental Geo-Technologies, LLC.

RECEIMING INFORMATION		
Date	9/10/	115
Receiving ID#	T 09101	502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.7),
Sampled by	ML	



	LABINE GRIVATION All Waste Shipments 2.			Olfijeld Brines Only		
	Compatible? (RT#)	(Yes)	No	Barium		
	PCBs (ppm)(Oily Waste	1				
	Only)?			Calcium		
	TOC (ppm)(CC Waste Only)?			Total Iron		
_	Flash Point (°F)	> 140		Magnesium		
_	pH (S.U.)	: 2.2		Sodium Chloride		
	Cyanides? (mg/L)			Bicarbonate		
į	Sulfides? (ppm)			Carbonate	2.0.0	
-	Specific Gravity	1.08		TDS	3.97	
	Physical Description		<u> </u>	Resistivity		
	Stream Consistency	Yes	No_	Sulfate		
	Oil in Sample	Yes	No			
-	Temperature	78°F		·		
-	Conductivity	77.3~	35	·		
4	% Solids	39		,		
L	Turbidity	Yes	No			
	Color (visual)					
- [TSS (%)	(0.1		A 0		
	Radiation Screen (as needed)	3	a /	\wedge		
	Lab Signature			ZAA		
	REC04-01 - Page 1					

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION		100
Date	9/10	115
Receiving ID#	I.0910	1503
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		<u> </u>
Transporter		
Time in	, 	
Time out		
Received by	J.H.	
Sampled by	J.H)	



LAB INFORMATION All Waste Shipments			Oiffeld Brines Only:	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste			O-fairme	1
Only)?	ļ		Calcium	<u> </u>
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 14	¹ 0	Magnesium	
pH (S.U.)	2	.2	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.08	<i>`</i>	TDS	3.97
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	79			
Conductivity	77,	225		
% Solids	3.9			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	20			·
Radiation Screen (as needed)	•	A		
Lab Signature		100	1/2	

Environmental Geo-Technologies, LLC.

PECELVING INFORMATION:		
Date	9/11/1	5
Receiving ID#	T 09/11	501
Manifest# Line:		
Land Ban Cert included	Yes	No ·
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H.	
Sampled by	PAR	



	LABINFORMATION: All Waste Shipmens (** 2007)			Oilfield Brines Only	
	Compatible? (RT#)		No	Barium	
	PCBs (ppm)(Oily Waste				-
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
-	Flash Point (°F)	7140		Magnesium	
~	рН (S.U.)	0.5		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
į	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.16		TDS	15.5 %.
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
ĺ	Oil in Sample	Yes	No		
	Temperature	740	F		
-	Conductivity	308,8	~5		
_[% Solids	15.5	· / /		
ſ	Turbidity	Yes	No		
	Color (visual)			_	
	TSS (%)	(0-1			
T	Radiation Screen (as needed)	,		$\Lambda \Lambda$	
	Lab Signature				,
		RECO-	1-01 — Pag	e 1	

		ZU (7 B
RECEIVING NFORWATIONS		
Date	9/14	115
Receiving ID#	10914	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter .		-
Time in		
Time out	,	
Received by	JH).	
Sampled by	ML	



EABINEORMATION TO A STATE OF THE STATE OF TH			Oifreld Brines Orly	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?	`		Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH(S.U.)	1.1.		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.14		TDS	7.57.
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	91°F			
Conductivity	151.60-	25		
% Solids	7.5			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(٥.)	Λ		
Radiation Screen (as needed)		//		
Lab Signature	_:		4///	
	REC04	01 / Pag	e1 / WW	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING INFORMATION		
Date	9/15. T0915	115
Receiving ID#	T0915	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	-	I.H.
Sampled by	MA	



	LABINFORMATION: All Waste Shipments			Olifield Brines Only 2	
	Compatible? (RT#)	(Yés)	No	Barium	`
1	PCBs (ppm)(Oily Waste				
	Only)?	<u> </u>		Calcium	
-	TOC (ppm) (CC Waste Only)?		· · · · · · · · · · · · · · · · · · ·	Total Iron	
_	Flash Point (°F)	> 140		Magnesium	
-	pH (S.U.)	0.6		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
L	Specific Gravity	1,20		TDS	9.47
L	Physical Description			Resistivity	
L	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
-	Temperature	710+	-		,
-	Conductivity	186.0	5 m 5		
	% Solids	9.4	,		
Ľ	Turbidity	Yes	No		
	Color (visual)				
Γ.	TSS (%)	40	1		
	Radiation Screen (as needed)			/ / / /	
	_ab Signature				
	•	RECO	4-01 – Pa	y W	

Environmental Geo-Technologies, LLC.

RECEIMING INFORMATION		
Date	9/	15/15
Receiving ID#	I.091	5/502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.+	_
Sampled by	M	_



<u> </u>				4 · 4
LAB IMFORMATION:			Olfreid Brines Only	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?	·		Calcium	·
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH (S.U.)	2.4		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.06		TDS	4.22
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	73°F		· .	
Conductivity	82.8	5		
% Solids	4.2	,		· · · · · · · · · · · · · · · · · · ·
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0.)			
Radiation Screen (as needed)	,			
Lab Signature		()	7/1/4	
	REC04	-01 – Pa	ge // N	

Environmental Geo-Technologies, LLC.

RECEIVING	8	: APPROVAL FORM	
			-

RECEIVING INFORMATION	70.0	
Date	9/	1501 - 61
Receiving ID#	10916	1501 - WI
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		. <u></u>
Client		
Transporter		
Time in		
Time out		
Received by	37).
Sampled by		



LABUNFORMATION All Waste Shipments	ingenger si 1915-beloepe Georgi Conti		romeld Brines Only		
Compatible? (RT#)	(B)	No	Barium	·	
PCBs (ppm)(Oily Waste	J	-			
Only)?			Calcium		
TOC (ppm)(CC Waste Only)?		. <u> </u>	Total Iron		
Flash Point (°F)		140	Magnesium		
pH (S.U.)	1.81		Sodium Chloride		
Cyanides? (mg/L)			Bicarbonate		
Sulfides? (ppm)			Carbonate		
Specific Gravity	1.02		TDS	1.62	
Physical Description			Resistivity		
Stream Consistency	Yes	No	Sulfate		
Oil in Sample	Yes	No			
Temperature	72°	F	. •		
Conductivity	32,3,	<u> 5</u>			
% Solids	1.6				
Turbidity	Yes	No			
Color (visual)					
TSS (%)	(B)				
Radiation Screen (as needed)					
Lab Signature REC 4-01 - Page 1					

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION	10.0	
Date	9/17//	5
Receiving ID#	I09/7	1501
Manifest# Line:		
Land Ban Cert included	Yes	No .
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.	
Sampled by	100	



· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , ,		-	
LAB INFORMATION All WasterShipments:			+ Olfrield Brines Only	
Compatible? (RT#)	(reg	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	
pH (S.U.)	2.4		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	[.0]		TDS	0.29.
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	·
Oil in Sample	Yes	No		
Temperature	71°F			
Conductivity	4.4 ,,	5		
% Solids	0.2			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	601	η		
Radiation Screen (as needed)				, .
Lab Signature		6	XXX	
	DE 60 a	34		- · · · · · · · · · · · · · · · · · · ·
	Rt/C04	-01/ - Pa	ge 1 "	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING INFORMATION	and the second	
Date	9/	17/15
Receiving ID#	I 091	7,502_
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		4
Time in		
Time out		
Received by	J.H.	
Sampled by	M	-



		e British West		
LAB INFORMATION All Waste Shipments			Cilneld Brines Chly :	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste		٠		
Only)?	- 		Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	> 140		Magnesium	,
pH (S.U.)	1.9		Sodium Chloride	, , , , , , , , , , , , , , , , , , , ,
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.05		TDS	3.1 %.
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	72°F			
Conductivity	61.9 m	5		
% Solids	3.1			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0.1	A		
Radiation Screen (as needed)			1.711	
Lab Signature			X KK	
	REC04-	01 - Pag	ge 1	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROV	AL FORM
RECEIVING INFORMATION	
Date	9/17/15
Receiving ID#	I 09/7/503
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	<i>び.</i> ガ,
Sampled by	M



	- V'			
LAB INFORMATION All Waste Shipments			Olfield Brines-Cinly	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	>	140	Magnesium	
pH (S.U.)	0.3		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.19	,	TDS	34.67
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No	·	
Temperature	73	F	,	,
Conductivity	> 40	0,0mS		
% Solids	34.6			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0			
Radiation Screen (as needed)				
Lab Signature	W			

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION -		
Date	9/22	2/15
Receiving ID#	Logaa	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	なり	
Sampled by	k (D	R



LABINFORMATION			olfijeld: Brines Only+	
All Waste Shipmepia Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste	100	140	Danam	
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	>140)	Magnesium	
pH (S.U.)	1.0		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.09		TDS	5.97
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No	,	•
Temperature	84°			
Conductivity	115.0.	~5		
% Solids	5.9			
Turbidity	Yes	No		
Color (visual)			Λ	
TSS (%)	(0.)	·		
Radiation Screen (as needed)		Λ		
Lab Signature			X///	
	RECO	4-01 — Pa	ge 1	

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION.		
Date	9.23	3.15
Receiving ID#	I0923	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#		
Generator	•	
Client		
Transporter		
Time in		
Time out		
Received by	JKF	
Sampled by	169	∌



LABINFORMATION	The strain			
All Wasie Shipments.			Olfrield Brings Only	
Compatible? (RT#)	Yes)	No	Barium	
PCBs (ppm)(Oily Waste				\$ **
Only)?		 	Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	·
Flash Point (°F)	>140		Magnesium	
pH (S.U.)	1.2		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.12		TDS	6.89
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	73°F			
Conductivity	136.	5		
% Solids	6.8			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0.)			·
Radiation Screen (as needed)			A ./ > \\ \\ \\	
Lab Signature			4 (X late	······································

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION	0/2	
Date	9/23	115
Receiving ID#	I 092	31502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	5.7)	
Sampled by	MC	



L			-	
LABINE GRMATION All Waste Shipments:		1.0	Cilijeld Brines/Only.	
Compatible? (RT#)	Yes	. No	Barium	
PCBs (ppm)(Oily Waste				,
Only)?"	<u> </u>		Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	1.6		Magnesium	
pH (S.U.)	1.6		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	.07		TDS	432
Physical Description		4	Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	74°F			
Conductivity	86,4	<u>5</u>		
% Solids	4.3			
Turbidity	Yes	. No		
Color (visual)				
TSS (%)	<0	<u>-)</u>		
Radiation Screen (as needed)				
Lab Signature		162	124	
	RECO	4-01 – Pa	ge1 (f)	÷

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM

RECEIVING INFORMATION	
Date	9/24/15
Receiving ID#	I09241501
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	LR.



L	· <u> </u>		-
LABUNFORMATION All-Waste Shipments		de la companya de la Estra de la companya	Oillield Brines Only
Compatible? (RT#)	(Yes)	No	Barium
PCBs (ppm)(Oily Waste			
Only)?			Calcium
TOC (ppm)(CC Waste Only)?			Total Iron
Flash Point (°F)		140	Magnesium
pH (S.U.)	1.3/	<u>, </u>	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	Yes	No	
Temperature	<u>72°</u>	'F	
Conductivity	83.7.	<u>5 </u>	
% Solids	<u>: 4, 1</u>		
Turbidity	Yes	No	
Color (visual)		····	
TSS (%)		10.1	
Radiation Screen (as needed)		•	
Lab Signature			Job John

REC04-01 - Page 1

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION 3		
Date	9/2	4/15
Receiving ID#	I09:	2415/02
Manifest# Line:		, , ,
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in		
Time out		
Received by	J.H	
Sampled by	ML	, -



Campica by	1 /		4	
LABUNFORMATION - : All Waste Shipments			Olffeld Brines Only	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)	>140		Magnesium	
pH (S.U.)	0.9		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	- A.
Specific Gravity	1.09		TDS	7,0%
Physical Description	· ·		Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	72"			·
Conductivity	139.7	2 25		
% Solids	7.0			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0,)		~ 10	
Radiation Screen (as needed)			-6-241/2	
Lab Signature			5 / / / / / / / / / / / / / / / / / / /	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING		

RECEIVING INFORMATION	and the state of t	
Date	9/2	5/1 <u>3</u>
Receiving ID#	1.0925	1501
Manifest# Line:	(
Land Ban Cert included	Yes	No
EGT Approval#		
Generator		
Client		
Transporter		
Time in	·	
Time out		
Received by	0.71	
Sampled by	87	<i>_</i>



	<u> </u>			
LAB INFORMATION A TOTAL			OnlineId Brines Only	
All Waste Shipments		No	Barium	A STATE OF THE PARTY OF THE PAR
Compatible? (RT#)	(Yes)	NO	panum	
PCBs (ppm)(Oily Waste			Calcium	
Only)?			Total Iron	
TOC (ppm)(CC Waste Only)?) 140		Magnesium	
Flash Point (°F)) 190		Sodium Chloride	
pH (S.U.)	0,3			
Cyanides? (mg/L)	<u> </u>		Bicarbonate	
Sulfides? (ppm)	- 3 956		Carbonate	23.87
Specific Gravity	1.15		TDS	23.01
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	71°F			
Conductivity) 4,00,0) ~ 5		
% Solids	23.8			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0.1			
Radiation Screen (as needed)				
Lab Signature			0 1616	
	DE COL	-01/- Pa	W - NOW	
	KEY04	-uy-Pa	Re T /	

Environmental Geo-Technologies, LLC.

RECEIVING INFORMATION		
Date	9/29	15
Receiving ID#	I 0929	1501
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter	<u></u>	
Time in		
Time out	<u> </u>	
Received by	<u>J:H</u>	
Sampled by	SE	



LAB INFORMATION: All Waste Shipments:			.Olfrield/Brines.Only.	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	<u> </u>		Total Iron	
Flash Point (°F)	> 140		Magnesium	<u>.</u>
pH (S.U.)	1.1		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	· · · · · · · · · · · · · · · · · · ·
Sulfides? (ppm)			Carbonate	<u> </u>
Specific Gravity	1.12		TDS	<i>8.</i> 67
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	77.5			
Conductivity	1753.	. 5		
% Solids	8.8			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(0.)		N N	
Radiation Screen (as needed)			./\\\	
Lab Signature			3/12	
	REC04	-01 – Pag	ge 1	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING INFORMATION:		
Date	9129	1/15
Receiving ID#	I.0929	1502
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval #		
Generator		
Client		
Transporter		
Time in	•	
Time out	,	
Received by	J.H.	a .
Sampled by	NA	4.



	7 7 8 9			
LABINFORMATION: All Wase Shipments:			Olfield Brinės Only	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?	<u></u>		Calcium	·
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)) 140	٠,	Magnesium	
pH (S.U.)	2.4	•	Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.06		TDS	3.87
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		·
Temperature	73°F	^		
Conductivity	76.5.	, S		
% Solids	3.8			
Turbidity	Yes	No		
Color (visual)			-	
TSS (%)	(0.)	I	A	
Radiation Screen (as needed)				
Lab Signature			6X//	
	REC04	01 – Pag	de 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 # 00 L

GENERATOR INFORMATION					
Name: _		USEPA	ID# <u>*</u>		
Facility Address:		SIC/NAI	CS Code;	State Code;	
City:		State.	Zip (Code:	to the second se
Contact Title:	Phone:		Fax		
BILLINGINFORMATION	Same as a	BOVE			
Company Name:		•			
Address:		-			
City:		_State:	Zip C	ode:	· · · · · · · · · · · · · · · · · · ·
Attention:	Phone: ()(Fax	()	
WASTE INFORMATION			• .	•	•
Name of Waste/Common Chemical Name:			•		
CAUSTIC CLEANER.					
Process Generating Waste (Please be specific, Incompleted PARTS ELEANING (No.OH) +		delay the a	approval process):		
				<u> </u>	
		.			
USEPA / STATE WASTE IDENTIFICATION 1. This waste is considered to be: □ Non Hazardot 2. Regulated by TSCA? □Yes 図No (PCBs, etc.) 3. List ALL Applicable Waste Codes: ②	ıs Liquid Industrial	Waste	☑ Hazardous V	Vaste	
PHYSICAL CHARACTERISTICS OF WASTE	مت و تندا <mark>ب مد اف در مان وقت کا در در در استور ماند ناس</mark> رود			0.0000000000000000000000000000000000000	
Color: Suspended Solids ☐ VVhite/Clear ☑ 0-1 % ☐ 3-5 % ☑ Black/Brown ☐ 1-3 % ☐ > 5% ☐ Other ☐ 1-3 % ☐ > 5%	Layers; ☐ Muiti-Ls ☐ Bl-Laye ☐ Single F	red l	Specific Gravit	0 – 1.2 3 – 1.4	Reject 91715
pH: □NA □≤2 □ 2-4 □ 4-6	□ 6-8 □] 8 – 10	☐ 10 - 12.5 ☐		esampled &
iquid Flash Point: □ <73°F □ 73 – 100°F □ 101 – 1	40°F □ 141 - 20	00°F □×	200°F ⊠ None	0	9.1615
OC CONCENTRATION	PPM (MUST BE CO	MPLETED)		, 9	coffee le
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO O	R GREATER THAN 10	0% (LIST EA	CH CONSTITUENT	>/= 0.1%)	091115
ONSTITUENT	MAX MIN	CONSTIT	UENT		MAX MIN
potassia haprionide	29 - <u>*</u> % —		<u></u>		%
Cherting Agent	99 - <u>50</u> % _				
soldin hyparxide	2.				——-%

<u> </u>	Metals: Incloate if this waste contains any of the following metals,. If General Lab Analysis Generator Knowledge		Waste Profile - Page 2	
	41	tor knowledge-provide	backup	
•	Not Concentration Present PCB Dioxins Dioxins Cyanides Reactive Cyanides Reactive Dioxindes Reactive Dioxins D	Mercury (Hg) Selenium (Se) Silver (Aa)	D004 1 < 5 ppm	
	and the same of th	-24		
	IS WASTE ANY OF THE FOLLOWING? At Least One Box Must Be ☐ Radioactive ☐ Water Reactive ☐ Oxidizer ☐ Shock S ☐ NIOSH Human-Positive Carcinogens ☐ NESHAP Wastes (Benzene, etc.		ve (other) ☐ DOT Explosives cal ☐ None Apply	
	SHIPPING INFORMATION 1. Is this a DOT Hazardous Material (49CFR 172.101 & 173 Subpart D)?	File_ Feb.		
	2. Reportable Quantity (RQ) in pounds	□Yes ☑No	ANTE NO. 5	
	3. DOT Shipping Name ROUN 3267 Wash Command	- Later Not	March 1971	
	2. Reportable Quantity (RQ) in pounds 3. DOT Shipping Name ROUN 3267, Wash Consider Liquid PG ERG Hezerdous Constituents for the control of the constituents for the constituents for the control of the constituents for the control of the con	H	lazard Class <u>E</u> (NNA 326	7
	TO 17455	ium hydro	xide solution.	_
	5. Number of Units to Ship Now.	r 🗆 Drums 🗀 To	tes .	
	6. Special Handling Requirements including PPE:	e voime her vest: 7	or One Tim	10
	o. Special Handling Requirements including PPE:	e vojure her Jear: 7	or One Tim	ie
	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 inclinformation, 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 warething the processing of the processing of the processing of the processing the processing of the processing t	with the information lividuals responsible the best of my knowle tand that others may	contained and submitted in this and al for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warra	li ntv
	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 indiffermation, 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 bottlendones not to correct any incorporation and according to the content of the correct any incorporation.	with the information dividuals responsible the best of my knowletend that others may by is checked , I recognized the contrologies may be a contrologies m	contained and submitted in this and al for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warrar quest Environmental Geo- nakes will be consistent with the result	li ntv
٠.	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 indinformation, 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 the	with the Information all viduals responsible the best of my knowled that others may ax is checked , I read Geo-Technologies m	contained and submitted in this and al for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warrar quest Environmental Geo- nakes will be consistent with the result	li ntv
	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 indinformation, 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.	with the information dividuals responsible the best of my knowle tand that others may be a second of the checked of the checke	contained and submitted in this and all for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warranquest Environmental Geonakes will be consistent with the result litle: Date: 64-6-6 Collect a representative 1-quart sample container. A representative sample	III Inty Its
i c	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 both the sample characterization of the sample characterization. Privated Name: Generator's Signature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUC the waste described in the above referenced Generators Waste Profile Report one obtained using any of the applicable and the sample obtained using any of the applicable and the sample obtained using any of the applicable and the sample obtained using any of the applicable and the sample of the sample obtained using any of the applicable and the sample of the sample obtained using any of the applicable and the sample obtained using any of the applicable and the sample of the sample obtained using any of the applicable and the sample of the sample obtained using any of the applicable and the sample of th	with the information dividuals responsible the best of my knowle tand that others may be a second of the checked of the checke	contained and submitted in this and all for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warranquest Environmental Geonakes will be consistent with the result litle: Date: 64-6-6 Collect a representative 1-quart sample container. A representative sample	III Inty Its
i c	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 indifferention, 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 sample characterization of the sample characterization of the sample characterization of the sample characterization of the sample of the waste described in the above referenced Generators Waste Profile Report 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 vegressentative. COLLECTION POINT	with the information dividuals responsible the best of my knowle tand that others may be a second of the checked of the checke	contained and submitted in this and all for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warranquest Environmental Geonakes will be consistent with the result litle: Date: 64-6-6 Collect a representative 1-quart sample container. A representative sample	III Inty Its
i constant of the second of th	CERTIFICATION STATEMENT I hereby represent and warrent 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 the contrologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Printed Name: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION of the waste described in the above referenced Generators Waste Profile Report 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 verse presentative. 1. GRAD JAMPLE. 2. SAMPLING METHOD COLLECTION POINT MATTIEM BELL GIVIR IN MATTIE, EMPLOYER SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER	with the information dividuals responsible the best of my knowle tand that others may be a second of the checked of the checke	contained and submitted in this and all for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warranquest Environmental Geonakes will be consistent with the result litle: Date: 64-6-6 Collect a representative 1-quart sample container. A representative sample	III Inty Its
1 i c c F n n 3.	CERTIFICATION STATEMENT I hereby represent and warrent that I have personally examined and am familiar attached documents. Based on my inquiry and personal knowledge of those indinformation, 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 sample of the correct any inconsistencies. Any corrections Environmental of the sample characterization. Generator's Signature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION of the waste described in the above referenced Generators Waste Profile Report 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 vertex of the sample method of the sample of your vertex of the sample method. COLLECTION POINT MATTIEW BELL ENVIRONMENTAL FILLINGER SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER Sample No. Preservation: Yes D No D	with the information dividuals responsible the best of my knowle tand that others may be a second of the control or the control of the contro	contained and submitted in this and all for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warrar quest Environmental Geonakes will be consistent with the result litle: Date: 64-6-15 collect a representative 1-quart_sample e container. A representative sample e sampling information in the spaces it your Environmental Geo-Technologic	III Inty Its
1 i c c F n n 3.	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 indinformation, 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 sample characterization and inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Any corrections Environmental of the sample characterization and inconsistencies. Any corrections Environmental of the sample of the sample of the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report to the waste described in the above referenced Generators Waste Profile Report to the waste described in the above referenced Generators Waste Profile Report to the waste described in the above referenced Generators Waste Profile Report to the waste described in the above referenced Generators Waste Profile Report to the waste described in the above referenced Generators Waste Profile Report to the waste the sample of the waste described in the above referenced Generators Waste Profile Report to the waste the sample of the waste the above referenced Generators Was	with the information it industry responsible the best of my knowle tand that others may be a control or the con	contained and submitted in this and all for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warran quest Environmental Geonakes will be consistent with the result litle: Date: GA-/G-/J Collect a representative 1-quart_sample e container. A representative sample e sampling information in the spaces it your Environmental Geo-Technological passes from one to another.	III Inty Its
1 i c c F n n 3.	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 both the sample characterization of the sample characterization of the sample characterization of the sample characterization. Generator's Signature: GENERATOR'S CHAIN OF CUSTODY RECORD INSTRUCTION of the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators Waste Profile Report the waste described in the above referenced Generators waste Profile Report to break of the waste described in the above referenced Generators waste Profile Report to break of the waste described in the above referenced Generators waste Profile Report to break of the waste described in the above referenced Generators waste Profile Report to break of the waste described in the above referenced Generators waste Profile Report to break of the waste described in the above referenced Generators waste methods and the profile Report of the waste material described for the profile Report of the waste material described for the profile Report of the waste material described for the profile Report of the waste material described for the profile Report of the waste material described for the profile Report of the waste material described for the profile Report of the profile Report of the waste material described for the profile Report of the waste material described for the profile Report of the profile Report of the profile Report of the	with the information dividuals responsible the best of my knowle tand that others may be a second of the control or the control of the contro	contained and submitted in this and all for supplying or obtaining the edge and belief. Furthermore, no rely on this representation and warrar quest Environmental Geonakes will be consistent with the result litle: Date: 64-6-15 collect a representative 1-quart_sample e container. A representative sample e sampling information in the spaces it your Environmental Geo-Technologic	III Inty Its

RECEIVING & APPRI	OVAL FORM
PERENANC NEORMATION	
Date	9/11/15
Receiving ID# (Idustil Cleans
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator .	
Client	
Transporter .	
Time in	
Time out	
Received by	J.H.
Sampled by	Clark

LABUNEOR VARION (1987)		Comelos Brines Colv
Compatible? (RT#)	Yes No	Barium
PCBs (ppm)(Olly Waste Only)?	MA	Calcium
TOC (ppm)(CC Waste Only)?	· N/A	Total Iron
Flash Point (°F)	140	Magnesium
pH (S.U.)	13.7.	Sodium Chloride ·
Cyanides? (mg/L)	(30	Bicarbonate
Sulfides? (ppm)	2200	Carbonate
Specific Gravity	1.10	TDS
Physical Description	I FOURTH CALP	Resistivity
Stream Consistency	Cres No	Sulfate
Oil in Sample	Yes (No)	•
Temperature	76°F	
Conductivity	115.9 mS	
% Solids	15.1	
Turbidity	(Yes) No	
Color (visual)	BEUT	
TSS (%)	0.1	
Radiation Screen (as needed)	Negd ive	A / \ A
Lab Signature		
	REC04-01 - Pag	é1 .

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

Generator Waste Profile Profile : Data 2

GENERATOR INFORMATION	
Name:	USEPA ID#
Facility Address:	SIC/NAICS Code: State Code:
City:	State: Zip Code:
Contact:	hone
BILLINGINFORWATION	
Company Name:	DO A F
Address:	
City:	State
Attention:	Zip Code:
	Ail. Fat
WASTE INFORMATION	
Name of Waste/Common Chemical Name:	·
HOID WASTE	
Process Generating Waste (Please be specific, incomple	ete information may delay the approval process):
COMBOOF HY	DEOCHADRIE + NITRIE
TRACE METHANO	
- VERLE III EIRAND	
USEPA / STATE WASTE IDENTIFICATION	·
1. This waste is considered to be: Non Hazardo	us Lîquid Industrial Waste X Hazardous Waste
2. Regulated by TSCA? Tyes TiNo (PCBs, etc.)	
3. List ALL Applicable Waste Codes: WDD 2	
PHYSICAL CHARACTERISTICS OF WASTE	
Color: Suspended Solids V/hite/Clear	Layers: Specific Gravity: accept the
Black/Brown	Multi-Layered U<0.8 X1.0 – 1.2
LI Other	Single Phase Exact/Other
pH: □NA 🔯 2 □ 2-4 □ 4-6	□ 6-8 □ 8-10 □ 10-12.5 □ ≥12.5
Liquid Flash Point: 173°F 173 - 400°E 17404 4	
	140°F 141 - 200°F □ >200°F □ None □ Closed Cup □ Open Cup
	PPM (MUST BE COMPLETED)
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO O	R GREATER THAN 100% (LIST EACH CONSTITUENT >/= 0.1%)
CONSTITUENT	MAX MIN CONSTITUENT MAX MIN
ACK	5-3%
ANU3	<u> </u>
METRANOL	5-3%
BALANCE 1420	

EG1 - 28470 Citrin Drive - Ro	-,			Waste Pr	ofile - Page 2
• •	-incidiot Kilokk	following metals edge	If Generator knowledge-provid TCLP T	le backup OTAL	
PCB ppm Dioxins ppm Cyanides Reactive ppm Cyanides Reactive ppm Sulfides Reactive ppm Sulfides Total ppm TCLP Organics D012 - D043 above	Aromatic Amine Pesticides Rodenficides Fungicides e regulatory limits		Barium (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D005	m ppm m ppm
IS WASTE ANY OF THE FOLLOW Radioactive Water Read NIOSH Human-Positive Carcin	ctive 🗍 Oxid	izer i	ox Must Be Checked. Shock Sensitive Readenzene, etc.)		Explosives Apply
SHIPPING INFORMATIO 1. Is this a DOT Hazardous Materia 2. Reportable Quantity (RQ) in por 3. DOT Shipping Name	ial (49CFR 172. unds <u> </u>	_elvi	L/AUID, M.O	.\$	M. 3092-
PG TL ERG Hazal	dous Constitue	ofs for "n o s "	ASTR, AMES HYDOOBHAOWE P	ARIA - AIIT	IA CO
4. Method of Shipment: 5. Number of Units to Ship Now: 6. Special Handling Requirements	Bulk Tank	er Vac truck		Fotes .	or 🗌 One Time
CERTIFICATION STATEM I hereby represent and warrant that attached documents. Based on my information, the information contain material fact has been omitted as to in the handling and processing of th Technologies not to correct any inco of the sample characteristics. Printed Name: Generator's Signature.	I have personall inquiry and persed herein is true make this informe waste materiansistencies. An	e, accurate, and on mation misleadir il described here y corrections En	or trose individuals responsible complete to the best of my knoing. I understand that others milling if this box is checked □, I vironmental Geo-Technologies	le for supplying or obtowledge and belief. Further the services of the consistence of the	aining the irthermore, no intation and warranty al Geo- tent with the results
GENERATOR'S CAIN OF the waste described in the above reference one obtained using any of the application provided below. If you have problems representative.	ihle semplina m	othodo oit-d i- 1	or an increasing an appropr	rate container. A repr	esentative sample is
12. SAMPLING METHOD	COLLECTIO	N POINT			
3SAMPLE COLLECTOR'S NAME,	TITLE, EMPLO	YER			
4. 'Sample No. Pr	eservation: Y	es No No			
5. CHAIN OF CUSTODY Each per	son who handle		ust sign below when the samp	le passes from one to	another
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	ł	i :	 		1

Y

FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPRO	VAL FORM
RECEIVING NEORMATION	
Date .	8/3/15
Receiving ID#	HCL
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval#	
Generator	
Client	
Transporter .	
Time in	<u> . </u>
Time out	
Received by	J.H
Sampled by	Client

CABANIPORIVATION TO STATE		Onneld Brines Only
Compatible? (RT#)	Yes No.	Barium
PGBs (ppm)(Oily Waste Only)?	N/A	Calcium
TOC (ppm)(CC Waste Only)?	· N/A	Total Iron
Flash Point (°F)	<u>) 140</u>	Magnesium .
pH (S.U.)	0.8	Sodium Chloride
Cyanides? (mg/L)	(30	Bicarbonate
Sulfides? (ppm)	1200	Carbonate
Specific Gravity	0.96	TDS '
Physical Description	1:05:0	Resistivity
Stream Consistency	Yes No	Sulfate
Oil in Sample	Yes (No)	· ·
Temperature	78°F	
Conductivity	47.7ms	
% Solids	(0.)	· · · · · · · · · · · · · · · · · · ·
Turbidity ·	Yes (No)	
Color (visual)	Yellow	
TSS (%)	20.	
Radiation Screen (as needed)	Negative	
Lab Signature	U	Jok With
	REC04-01 - P	rage 1

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

Generator Waste Prof	je
Generator Waste Profile # October	

GENERATOR				
Name:	<u> </u>	EPA ID#		
Facility Address:	sid	C/NAICS Code:	State Code:	100
City:	Stat	e: 1	ode:	A CONTRACT OF THE PARTY OF THE
ContactTitle	one		ax	
BILLING INFORMATION	SÄME AS ABOVE			
Company Name				
Address:			<u>, , , , , , , , , , , , , , , , , , , </u>	
City:	State	Z	p Code:	
Attention:	Phone	F	axī	
WASTE INFORMATION	•		•	
Name of Waste/Common Chemical Name:				
<u>ALKALINE</u> N	114			
Process Generating Waste (Please be specific, incomplete and the specific of t	lete Information may delay	the approval process): 	
ELECTED CLEA	TURE -	SOMK CV	EA NER	
			<u></u>	
USEPA / STATE WASTE IDENTIFICATION				
	lous Liquid Industrial Wast	Hazardou	s Waste	
2. Regulated by TSCA? Yes No (PCBs, etc.)	1 0	2		
3. List ALL Applicable Waste Codes: NOOD3	_ 			
PHYSICAL CHARACTERISTICS OF WASTE				
Color: Suspended Solids White/Clear Suspended Solids 10-1 % 3-5 % Black/Brown 1-3 % 5-5% Other	Layers: Multi-Layered Bi-Layered Single Phase	· 177 0.8 –1.0 17	vity: 1.0 – 1.2 1.3 – 1.4	rcesselle.
oH: □NA □≤2 □ 2-4 □ 4-6	<u></u>	- 10 🔲 10 – 12.5	≥12.5	010010
			•	
Liquid Flash Point: ☐ <73°F ☐ 73 – 100°F ☐ 101 –	-140°F □ 141 – 200°F	□>200°F ဩ(Non	e 🔲 Closed Cup	□ Ореп Сир
OC CONCENTRATIONO	PPM (MUST BE COMPLET	ED)		
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO	OR GREATER THAN 100% (LI	ST EACH CONSTITUEI	VT >/= 0.1%)	
CONSTITUENT		ISTITUENT	·	MAX MIN
CANSTIL SODA		•		%
TRABELE CO	<u> </u>			
KICARD OF SOPA	<u> </u>			%

DAMARGE HOD

	EGT - 28470 Citrin Drive ~ Romu	ius - Mi - 4817	4	·	Wast	e Profile – Page 2	
	Metals: Indicate if this waste contain Lab Analysis	ns any of the foll rator Knowledg	lowing metals,. If		de backup OTAL	, , ,	
	Not Concentration Present PCB	Not Pres comatic Amine comatic Amine comaticides codenticides codent	Concentration ent ppm ppm ppm ppm	Arsenic (As) Barium (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Sa) Silver (Ag)	D004	5 ppm ppr 5 ppm ppr 6 ppm ppr 7 ppm ppr 7 ppm ppr 8 ppm ppr 9 ppm ppr	m m m m m
	IS WASTE ANY OF THE FOLLOW! ☐ Radioactive ☐ Water Reactive ☐ NIOSH Human-Positive Carcinog	/e 🔲 Oxidize	ir 🔲			DOT Explosives None Apply	
	SHIPPING INFORMATION 1. Is this a DOT Hazardous Materia 2. Reportable Quantity (RQ) in pour 3. DOT Shipping Name	(49CFR 172.10 ids <u>5,00</u> 0 O 12 12 OS/	væ Lil	uiD	_ Hazard Class	9_ un/na	
	PG ERG Hazard 4. Method of Shipment: 5. Number of Units to Ship Now: 6. Special Handling Requirements in	Bulk Tanker	r ∐Vac truck	⊒Rail Car □Drums □ ed Volume / Units per Year	Totes:/500	or 🗋 One	Time
r	CERTIFICATION STATEM! I hereby represent and warrant that I 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 incorof the sample characterization and/or Printed Name: Generator's Signature	have personally nquiry and perso d herein is true, make this inform waste material asistencies. Any	nal knowledge of accurate, and co action misleading described herein corrections Envi	f those individuals réspons implete to the best of my kr . I understand that others i. If this box is checked [], ronmental Geo-Technologic	ible for supplying on nowledge and belic may rely on this re . I request Environ	or obtaining the of. Furthermore, no opresentation and wa mental Geo-	arranty
	GENERATOR'S CHAIN OF the waste described in the above refe one obtained using any of the applica provided below. If you have problem representative.	renced Generat ble sampling me	rors Waste Pro athods cited in 40	FILE REPORT using an appro CFR 261-Appendix 1. Fill	priate container. A	A representative sar	mple is ices
	12. SAMPLING METHOD	COLLECTION	Y POINT				
	3SAMPLE COLLECTOR'S NAME,						
	4. Sample No. P	• •		<u> </u>	.,		
	5. CHAIN OF CUSTODY Each pe Relinquished by: (Signature)	Date	es the sample mi Time	<i>ist sign below when the sa</i> Received by: (Signature)	mple passes from Da		
							-

RECEIVING & APPROVAL FORM

		11/2/11
RECEIVINGUNFORMATION		
Date	8/3/1	5
Receiving ID#	IKaline	501
Manifest# Line:		
Land Ban Cert included	Yes	. No
EGT Approval#	y .	
Generator .		
Client		
Transporter .		
.Time in		
Time out		
Received by	J.H.	
Sampled by	Clien	st ·

		.		
LABINEORMALIONY CASTA				
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste Only)?	N/	A	Calcium	-
TOC (ppm)(CC Waste Only)?	NI	4	Total Iron	
Flash Point (°F)		> 140	Magnesium	
pH (S.U.)	13.0		Sodium Chloride	·
Cyanides? (mg/L)	43	0	Bicarbonate	
Sulfides? (ppm)	4.2	00	Carbonate .	
Specific Gravity	1.04.		TDS '	
Physical Description		4.19	Resistivity	
Stream Consistency	(Yes)	No	Sulfate	
Oil in Sample	Yes	· (No.)	· ·	• •
Temperature	7 <i>8</i> °	· #	,	
Conductivity	60	.පි.කර්		
% Solids	4.9			
Turbidity	Yes	(Ng)		
Color (visual) ·	Bre	حران		
TSS (%)		5-1		_
Radiation Screen (as needed)	Nead	ive		
Lab Signature	U		18/XX	

REC04-01 - Page 1

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



GENERATOR INFORMATION	
Names	USEPAID
Facility Addless	SIC/NAICS Code; State Code:
Citys	State ZID Gode
Contact	rione
BILLING INFORMATION	SAME AS ABOVE
Company Nam	
Address:	
City:	State Zip Code
Attention	phone
	AIOTE.
WASTEINFORMATION	
Name of Waste/Common Chemical Name:	
SHOP OIL + 1	WATER & COBLANTS
Process Generating Waste (Please be specific, incomp	
GEAR GRINDING	+ MACHINES
USEPA / STATE WASTE IDENTIFICATION	
- <i>P</i>	dous Liquid Industrial Waste
2. Regulated by TSCA? Tyes AND (PCBs, etc.)	
3. List ALL Applicable Waste Codes: 211	D19L
DINOIGAL GUADA OTERIOTIOS OF ISLANDE	
PHYSICAL CHARACTERISTICS OF WASTE Color: Suspended Solids	Layers: Specific Gravity:
☑ White/Clear ☑ 0-1 % ☑ 3-5 % ☐ Black/Brown ☑ 1-3 % ☑ > 5% ☐ Other ☐ 1-3 % ☑ > 5%	☐ Multi-Layered ☐ 0.8 ☐ 1.0 - 1.2 ☐ CCe Aled ☐ 0.8 - 1.0 ☐ 1.3 - 1.4 ☐ Dayered ☐ Daye
pH: □NA □ ≤ 2 □ 2 - 4 □ 4 - 6	6-8
Liquid Flash Point: ☐ <73°F ☐ 73 — 100°F ☐ 101	- 140°F ☐ 141 - 200°F ☐ >200°F ☐ None ☐ Closed Cup ☐ Open Cup
VOC CONCENTRATION - CO	PPM (MUST BE COMPLETED)
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO	O OR GREATER THAN 100% (LIST EACH CONSTITUENT >/= 0.1%)
CONSTITUENT	MAX MIN CONSTITUENT MAX MIN
OIL	<u>50-50%</u>
(NW WER	70-70%
. ,	

EG1 - 28470 Citrin Drive - Romu	<u> 11US - MI - 487 /</u>	4			Waste Profi	e ∞ Page Z
Metals: Indicate If this waste contain Lab Analysis General	ins any of the fol erator Knowled		f Generator knowle			,
Dioxins ppm Por Cyanides Reactive ppm Roman Roma	romatic Amine	ent ppm ppm ppm ppm	Barfu Cadn Chror Lead Meror Selen Silver	nic (As) D004 m (Ba) D005 nium (Cd) D006 nium (Cr) D007 (Pb) D008 nium (Se) D010 (Ag) D011	<100 ppm < 1 ppm < 5 ppm < 6 ppm < 0.2 ppm < 1 ppm	ppm
TCLP Organics D012 - D043 above re	·		<u> </u>			·
IS WASTE ANY OF THE FOLLOWII Radioactive	ve 🔲 Oxidize	er 🔲	Must Be Checked. Shock Sensitive zene, etc.)	☐ Reactive (ot ☐ Blological	her) . DOT E	
SHIPPING INFORMATION 1. Is this a DOT Hazardous Materia	(49CFR 172.10)1 & 173 Subpar	t D)? □Yes D	₩		
Reportable Quantity (RQ) in pour DOT Shipping Name		MLATTI		Uozo	rd Class	UÑ/NA
PG ERG Hazard				Падаі	G 01855	OWNA
4. Method of Shipment: 5. Number of Units to Ship Now: 6. Special Handling Requirements in	Bulk Tanke	r ∐Vac truck	□Rail Car □Dr	ums	500 GAL	or 🗌 One Time
CERTIFICATION STATEM	ENT					
I hereby represent and warrant that I 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	have personally aquiry and perso d herein is true, make this inform waste material usistencies. Any	onal knowledge of accurate, and contains nation misleading described herein corrections Env	of those individuals complete to the bes g. I understand the n. If this box is che	responsible for a t of my knowledg at offiers may rely acked □, I reque	supplying or obtai e and belief. Furi r on this represen st Environmental	ning the hermore, no tation and warranty Geo-
Printed Name				TE		
Generator's Signatur				Date		pa.
GENERATOR'S CHAIN OF the waste described in the above refe one obtained using any of the applica provided below. If you have problems representative.	renced GENERAT ble sampling me	rors Waste Pro ethods cited in 40	FILE REPORT using D CFR 261-Append	an appropriate o	ontainer. A repre ampling informat	sentative sample is ion in the spaces
12. SAMPLING METHOD	COLLECTIO	V POINT	•		· · · · · · · · · · · · · · · · · · ·	
3. SAMPLE COLLECTOR'S NAME,			•			. [
4. Sample No Pi	reservation: Y	es 🗌 No 🗌	•			
5. CHAIN OF CUSTODY Each pe Relinquished by: (Signature)	rson who handle Date	es the sample m Time		en the sample pa ved by: ature)	sses from one to Date	another. Time
	 	ļ			 	

X

RECEIVING & APPROV	AL FORM
RESERVING NEORVAGIONA	
Date	8/3/15
Receiving ID#	adants & O.
Manifest# Line:	
Land Ban Cert included	Yes No
EGT Approval #	
Generator .	
Client	
Transporter	
Time in	
Time out	
Received by	J.H.
Sampled by	Clest

LABINFORMATION 1995		Only Brines Only	
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(0ily Waste Only)?	NA	Calcium	
TOC (ppm)(CC Waste Only)?	N/A	Total Iron	
Flash Point (°F)	1140	Magnesium	•
pH (S.U.)	9.1	Sodium Chloride	
Cyanides? (mg/L)	. 630	Bicarbonate	
Sulfides? (ppm)	4.200	Carbonate	
Specific Gravity	0.72	TDS '	
Physical Description	Lausd	Resistivity	
Stream Consistency	(Yes) No	Sulfate	
Oil in Sample	Yes No		٠.
Temperature	71°F .		
Conductivity	20.1 m S		
% Solids	O.L \		
Turbidity ·	Yes (No)		
Color (visual)	It. Yellow	Ć	٠.
TSS (%)	(0.1		
Radiation Screen (as needed)	Negotion		•
Lab Signature		XXX	
	RECO4-01 - Pag	ge 1	7_

GENERATOR'S WASTE PROFILE

CONFIDENTIAL BUSINESS DOCUMENT



ENVIRONMENTAL DISPOSAL

SYSTEMS, INC. 0002 0003 2. 28470 Citrin Drive * Romulus. MI 48174 * Telephone (734) 946-1000 * Pacsimile (734) 946-1002

		angungan and a transport of the second of th		
GENERATOR INFORMATION		TA ID		
Name:	and the second second	PAID#	70	
Facility Address:		C Code: State	ode:	
City;		tate.	p Çe	•
Conta	Phone	Fex		
BILLING INFORMATION	SAMT AS ABO	VE CONTRACT		Can II along a page 2012
Company Names				
Address:				
City		何	p Code	
Attention:			Non-particular.	
PHYSICAL CHARACTERISHES OF WASTE Color: Suspended S		Specific Gravi	v: Speci	fic Conductance
区White/Clear 区D-1% 口	3-5 % Multi layered	□<0.8	.0 - 1.2	
☐ Black/Brown ☐ 1-3 % ☐ ☐ Other	> 5 % Bi-Layered Single Phased	Exact / Other	.5-1,4	
pH: □NA □≤2 □ 2-4	☐ 4-6 ⊠ 6-8 ☐	8 - 10 10 - 12.5	□ ≥12.5	
Liquid Flash Point: 🔲 <73°F 🔲 73 — 100°F 📗] 101 – 140°F	[>200°F <u> </u> ZNa	ie 🔲 Closed Cup	Open Cup
TOTAL COMPOSITION OF WASTE - THE TO		•		
	MIN MAX			MIN MAX
SODIUM CHLORIDE	10.15%			%
SODIUM NITRATE	1-6%		· · · · · · · · · · · · · · · · · · ·	%
AMMONIUM CHEORIAE			•	%
IRON OXIDE	<u> </u>			%
WATER	BAL_%			%
	TOTAL: 100 %		TOTAL:	%
Indicate if this waste contains any of the follow		te if this waste contains :		metals, and
☑ Lab Analysīs ☑ Generator k		which test method was u] TCLP		owledge
Not Concentration	Not Concentration	Arsenic (As) D004	□ < 5 ppm	/ ppm
PCB Present ppm Aromalic A	. Present · Amina 💆 ppm	Barium (Ba) DD05 Cadmium (Cd) D006	□ <100 ppm □ < 1 ppm	/⊘ ppm ⊘.5 ppm
Dioxin Festicides Phenolics Pppm Rodenticides	t 河 ppm des 河 p pm	Chromium (Cr) D007 Lead (Pb) D008	5 ppm 5 ppm	/ ppm / ppm
Cyanides Reactive ppm Fungicide: Total ppm Urea/Thio	ures V ppm	Mercury (Hg) D009 Selenium (Se) D010	☐ < 0.2 ppm ☐ < 1 ppm	O./ ppm O.S ppm
Sulfides Reactive Zppm Phenois	Amina ppm i ppm iles ppm les ppm urea y ppm ppm ppm ppm ppm	Silver (Ag) D011 Thallium (TI)	7 < 5 ppm	3.0 ppm
Total XIppm Quinones Phosphorus Cmpds, Xppm	124	Sulfur (S)	120 ppm 5000 ppm	ppm
•	i			

GENERATOR'S WASTE PROFILE

WASTE INFORMATION Name of Waste/Common Chemical Na	me:	TREATE	o Peoc	ess h	JATER	
Process Generating Waste (be specific PROCESS CURTER): EROM (1	YDROME	TA LLURG	ICAL R	EFINIB6_	
This waste is considered to be:	⊠ No	n Hazardous	☐ Hazardo	บร	and the state of t	
IS WASTE ANY OF THE FOLLOWING Radioactive Ignitable So Shock Sensitive Reactive (of Nitro Cellulose/Lacquer Dust USEPA/STATE WASTE IDENTIFICA	lid ☐ Pyroph ther) ☐ Activat ☐ NIOSh	ted Carbon		Reactive	al Metal Powders P Wastes (Benzel	Oxidizer None Apply ne, etc.)
1. Hazardous Weste (40CFR 261 Subject Programmes 2. Regulated by TSCA? Yes Kinds 3. List ALL Applicable Waste Codes:	parts C & D or M lo (PCBs, etc.)	il Act 451 Part	111) or Liquid Indu	strial Waste (M	I Act 451 Part 121	i)? K Ýes I No
SITIPPING INFORMATION 1. Is this a DOT Hezardous Meterial (4			<i>p</i> %		, .	in pounds
3. DOT Shipping Name			•		i Class	UN/NA
PG ERG Hazar 4. Method of Shipment: Suik Tanke 5. Number of Units to Ship Now: SPECIAL HANDLING INFORMATION	er ∐Vag truck	⊡Rail Cer 6. Anticīpa	inner C	ontainers (Loos per Year: <u>/-</u>	1.5 M. GAL	
LAND DISPOSAL RESTRICTION NOT	A STATE OF THE PARTY OF THE PAR	TACHED	ΓΙΥΕS	X NO		
attached documents. Based on information, the information contains material fact has been omitted as to in the handling and processing of the not to correct any inconsistencies. A characterization and inconsistencies, respectively.	ed herein is true make this informa a waste material (Any corrections E	e, accurate, ar ation misleadir described here nvironmental l	nd complete to the ng. I understand th in. If this box is ch	best of my kr at others may r acked □. I red	lowledge and be rely on this repres luest Environmen	llef. Furthermore, no entation and warranty Ital Disposal Systems
Generator's Signature				Date		
L. GENERATOR'S CHAIN OF CUSTOR INSTRUCTIONS: Collect a repress Report using an appropriate contain CFR 261-Appendix 1. Fill in the sam and affix it to the sample bottle. If yo Disposal Services representative.	entatīve 1-pint sa er. A representa Ipling information	ative sample is In the spaces	s one objained usin s provided below. (g any of the ap Complete all Ite	oplicable sampling	g methods cited in 40 then remove the label
1. SAMPLING METHOD: (indicate method)	od / utensils emp	oloyed in samp	oling)	CON		LBUSINESS
2. SAMPLE SOURCE: (indicate drum,	iank, pit, etc.)	<u> </u>				
3. SAMPLE LABEL FOR SAMPLE SUB Complete the attached label, peel off,	MITTAL: Sar and affix to your	npie No. sample conta	iner and mail.		DOCUM	
4. CHAIN OF CUSTODY Each p Relinquished by: (Signature)	erson who handle Date	es the sample Time	must sign below w Received by:		passes from one Date	io anciner. Time
PROFILE# 00032		16	ATEDRIAI A	DDDAVA	, 44	

November 19, 2003

Accepteble 092315

Revised: December 13, 2004

Annual volume: 1,000,000 - 1,500,000 gallons

Specific Gravity: 1.07

pH: 7.5 - 9

Sodium Chloride: 10 - 15%

Sodium Nitrate: 1 – 6%

Ammonium Chloride: 1-5%

Iron oxide: < 0.5%

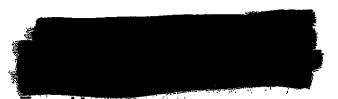
Solubl	le Metals:	

	Concentration, pom	
Antimony	5	
Arsenic	1.0	
Barium	10	
Bismuth	1.0	
Cadmium	0.5	
Chromium	1.0	
Copper	10	
Iron	10	
Lead	1.0	
Mercury	0.1	
Molybdenum .	40	•
Nickel	20	
Selenium	0.5	
Silver	3.0	₽
Tin	1.0	Ų
Zinc	20	

Maximum

CONFIDENTIAL BUSINESS
DOCUMENT





In-House Analytical Report

Matrix: Liquid

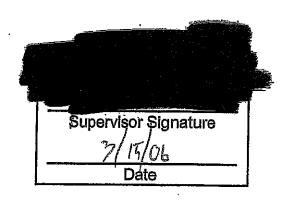
Date: 3-15-06

Type of Analysis: Mandatory - Prequal

Generator:

Sample Tracking #: 00032

<u>Analyses</u>	Result	<u>DL</u>	<u>Units</u>	<u>Date</u> Analyzed	Chemist
Temperature	66	62	Degrees C	3-15-06	RJM
pH (Hydrogen Ion)	7.9	0	pH Units	3-15-06	RJM
Flashpoint	>140	70	Degrees F	3-15-06	RJM
Reactivity, Cyanide	N/D	1	mg/Kg	3-15-06	RJM
Reactivity, Sulfide	<5	5	mg/Kg	3-15-06	RJM
Specific Gravity (Liquids, Hydrometer)	1.062	•	n/a	3-15-06	RJM
Total Suspended Solids	<1%	1.0	mg/L	3-15-06	RJM
Total Dissolved Solids	•	5.0	mg/L		1
Specific Conductance	83000	1.0	umhos/cm	3-15-06	RJM
Color	Slight Brown				<u> </u>
Turbidity	Mild				





31628 Glendale St. Livonia, Michigan 48150 TEL: 734.422.8000 FAX: 734.422.5342 Website: www.rtllab.com

Analytical Report

(consolidated)

WO#:

0603614

Date Reported:

3/15/2006

CLIENT:

Project:

Lab ID:

Client Sample II

Collection Date: 3/13/2006 ·

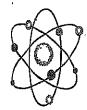
Matrix: WATER

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
INORGANIC ANIONS		E300.0)		Analyst: MW
Bromide	ND	50	mg/L	1	3/14/2006 1:16:00 PM
Nitrite	ND	50	mg/L	1	3/14/2006 1:16:00 PM

Qualifiers:

- Value exceeds Maximum Contaminant Level
- B Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- M Manual Integration used to determine area response
- · RL Reporting Detection Limit

Page 3 of 4



Midwest Analytical Services, Inc.

"Where industry comes for answers,"

2905 Hilton Rd Ferndale, MI 48220

All test reports include a chain of custody and a cover sheet.

Phone: Mi Only:

(248) 591-6660 (888) 801-4MAS

Fax No:

(248) 591-6668



Test Report

Order ID:

0603089 060309047

MAS Sample #: 060309047 Date Completed: 03/20/2006

Sample Identification

Sample Date:

03/06/2006

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
SM 4500-CL B	Chloride	100000	mg/L	2500	DC	03/16/2006	
SM 4500-F C	Fluoride	1.3	mg/L	1.0	DC	03/16/2006	
SM 2340B	Hardness .	250	mg/L	2.5	MV	03/16/2006	
SM 4500-NO3 D	Nitrate	5000	mg/L	250	DC	03/16/2006	
EPA 37 5.4	Sulfațe	13000	mg/Kg	25000	DC	03/17/2006	
EPA 160.1	Total Dissolved Solids	180000	mg/L	10	DC	03/16/2006	
SW 846 6010B	Sodium	33000	mg/Kg	2.5		03/16/2006	
SW 846 6010B	Potassium	120	mg/Kg	18		03/16/2006	

Charles Hindbaug Charles Hindbaugh

Quality Manager

Page 3 of 3

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

Generator Waste Profile Profile # 0070

GENERATOR INFORMATION			•
Name:		A ID#	•
Facility Address	SIC/NA	ICS Code:State	Code:
City:	State:	ip Code:	
Contact	<u> </u>	Fax: ()
	SAME AS ABOVE		
Company Name:			•
Address:			
City:	State:	Zip Code:	•
Attention:	Phone: ()	Fax: ()
WASTEINFORMATION		•	•
Name of Waste/Common Chemical Name:		•	
Waste Caustic		•	
Process Generating Waste (Please be specific, incomplete	information may delay the		
· Cleaning Fabricated	riela 13	,	
	<u></u>		
USEPA/STATE WASTE IDENTIFICATION	,		•
1. This waste is considered to be:	Liquid Industrial Waste	Hazardous Waste	
2. Regulated by TSCA? Yes No (PCBs, etc.)			
3. List ALL Applicable Waste Codes: 7007 2002			
PHYSICAL CHARACTERISTICS OF WASTE			
Color: Suspended Solids ☐ White/Clear	Layers: Multi-Layered	Specific Gravity: ☐<0.8 ☑ 1.0 – 1.	2 acceptable
⊠ Black/Brown	☐ Bi-Layered ☑ Single Phase	☐ 0.8 –1.0 ☐ 1.3 – 1. Exact / Other <u>/ . 0.2</u>	092315
pH: □NA □ ≤ 2 □ 2-4 □ 4-8 1		10 - 12.5 × ≥12	2.5
		,	2.2. 1
Liquid Flash Point:	.0°F ☐ 141°— 200°F ☐	>200°F pri None (N-C	Rosed Gup [_] Open Gup
VOC CONCENTRATION -	_PPM (MUST BE COMPLETED)		
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO OR	GREATER THAN 100% (LIST I	EĄCH CONSTITUENT>∕= 0	1.1%)
		ITUENT	MAX MIN
CAMPTO 3	30 - 1 % 19 - 60 %		%
584125	7 - 0 %		
	%	· · · · · · · · · · · · · · · · · · ·	%

EGT - 28470 Citrin Drive - Romulus - IIII - 48174	Waste Profile ~ Page 2
Metals: Indicate if this waste contains any of the following metals,. If Generator Lab Analysis Lab Analysis Lab Analysis	knowledge-provide backup
Not Concentration Not Goncentration Present PCB ppm Aromatic Amine ppm Dioxins ppm Pesticides ppm Cyanides Reactive ppm Rodenticides ppm Cyanides Total ppm Fungicides ppm Sulfides Total ppm Sulfides Total ppm	Arsenic (As) D004 □ < 5 ppm
TCLP Organics D012 - D013 above regulatory limits: Present Not Present	
IS WASTE ANY OF THE FOLLOWING? At Least One Box Must Be Ch Radfoactive	
A SEP MARA SEPAMBLA PROAD	
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, UN3267, Wask Connective Liquid PG FRG Hazardous Constituents for "n.o.s."	Yes (NOS) NO BASTE, HORANT Class & UNINA 3267
PG TERG Hazardous Constituents for "n.o.s."	7
4. Method of Shipment: Bulk Tanker Vac truck Rail Car	□Drums □Totes
CERTIFICATION STATEMENT I hereby represent and warrant that I have personally examined and am familier vattached documents. Based on my inquiry and personal knowledge of those indiffermation, the information contained herein is true, accurate, and complete to the material fact has been omitted as to make this information misleading. I understain the handling and processing of the waste material described herein. If this box Technologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and/our requirements.	viduals responsible for supplying or obtaining the ne best of my knowledge and belief. Furthermore, no and that others may rely on this representation and warranty t is checked [], I request Environmental Geo-
Printed Names	Titles
Generator's Signature;	Date:
GENERATOR'S CONTRUCTION OF THE PROPERTY OF THE	FIONS: PLEASE collect a representative 1-quart_sample of using an appropriate container. A representative sample is appendix 1. Fill in the sampling information in the spaces waste, please contact your Environmental Geo-Technologies
1. (7 Tab 2. Waste Gustic Tank SAMPLING METHOD COLLECTION POINT	
3. SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER	-
4. Sample No Preservation: Yes ☐ No ☐	
5. CHAIN OF CUSTODY Each person who handles the sample must sign below. Relinquished by: pature) Date Time	www.men the sample passes from one to another. Received by: Date Time (Signature) 4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

FINGERPRINT FORM

Environmental Geo-Technologies, LLC.

RECEIVING & APPROV	AL FORM
FREEDING NEORVATION	
Date :	9.23.15
Receiving ID#	WASTE CAUSTIC
Manifest# Line:	7
Land Ban Cert included	Yes No
EGT Approval#	1
Generator	

Client	
Transporter	
Time in .	
Time out	
Received by	1. JKF
Sampled by	Custa

LABINEGRMATION:			Olifield Brines World	
Compatible? (RT# .)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste Only)?	NA		Calcium	
TOC (ppm)(CC Waste Only)?	NA	<u> </u>	Total Iron	
Flash Point (°F)	>140)	Magnesium	
pH (S.U.)	9.0		Sodium Chloride	
Cyanides? (mg/L)	430		Bicarbonate	·
Sulfides? (ppm)	4200) ·	Carbonate	<u> </u>
Specific Gravity	1.02	3	TDS	
Physical Description	Liqu	, D	Resistivity .	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	N O		s ²
Temperature	62.	7	· ·	
Conductivity	14.4	MS		
% Solids	3.0			<u> </u>
Turbidity	Yes	(N)		
Color (visual)	DARK PL	RP/E		
TSS (%)	₹ Ø.1			
Radiation Screen (as needed)	NEGAM	WE'		<u>`</u>
Lab Signature)sfi	1 708	

REE04-01 - Page/1

ENVIRONMENTAL GEO-TECHNOLOGIES. LLC **Generator Waste Profile** 28470 Citrin Dr., Romulus, MI 48174. Telephone 734 946 1000. Fax 734 946 1002 GENERATOP INFORMATION USEPA ID# Name SIC/NAICS Code Facility Addre Zip Code: City: Fax hone Contac SAME AS ABOVE BILLING INFORMATION Company Name: Address: Zip Code: Phone: (Attention: WASTEINFORMATION Name of Waste/Common Chemical Name: Process Generating Waste (Please be specific, incomplete information may delay the approval process): USEPA / STATE WASTE IDENTIFICATION Hazardous Waste Non Hazardous Liquid Industrial Waste 1. This waste is considered to be: 2. Regulated by TSCA? Tyes Wino (PCBs, etc.) 3. List ALL Applicable Waste Codes: DOD 2 1000 7 PHYSICAL CHARACTERISTICS OF WASTE Suspended Solids Color: Layers: Specific Gravity: □<0.8 □ 1.0 − 1.2 □ 0.8 −1.0 □ 1.3 − 1.4 3-5 % **20-1%** Black/Brown Bi-Layered Single Phase Exact / Other _______ Other <u>areen</u> ☐ 8 - 10 ☐ 10 - 12.5 ☐ ≥12.5 □NA □ ≤ 2 □ 2-4 □ 4-6 □ 6-8 :Ha Liquid Flash Point: - <73°F - 73 - 100°F - 101 - 140°F - 141 - 200°F - >200°F None Closed Cup ☐ Open Cup

___PPM (MUST BE COMPLETED)

VOC CONCENTRATION - N A. 410

	EGT - 28470 Citrin Drive - Romulus - I/II - 48174	Waste Profile - Page 2
	Metals: Indicate if this waste contains any of the following metals,. If Generator Knowledge	erator knowledge-provide backup TCLP TOTAL
•	Not Concentration Present PCB PCB PD ppm Aromatic Amine ppm ppm Pesticides ppm Cyanides Reactive ppm Rodenticides ppm Cyanides Total ppm Pungicides ppm Sulfides Total ppm Sulfides Total ppm Sulfides Total ppm TCLP Organics D012 - D043 above regulatory limits: Present Not Present	Arsenic (As)
	IS WASTE ANY OF THE FOLLOWING? ☐ Radioactive ☐ Water Reactive ☑ Oxidizer ☐ Shoo ☐ NIOSH Human-Positive Carolnogens ☐ NESHAP Wastes (Benzene,	k Sensitive
	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, VN3264 Waste Constituents for "n.o.s." Vito Constituents for "n.o.s." Vito Constituents for "n.o.s." Vito Constituents for "n.o.s."	QUID ACID Hazard Class 8 (RMA 3264
•	4. Method of Shipment: ABulk Tanker Vac truck Ra 5. Number of Units to Ship Now: 6. Anticipated Va 6. Special Handling Requirements including PPE:	l Cär 🕱 Drums 💆 Totes
	I hereby represent and warrant that I have personally examined and am far attached documents. Based on my inquiry and personal knowledge of thos information, the information contained herein is true, accurate, and comple material fact has been omitted as to make this information misleading. I unlin the handling and processing of the waste material described herein. If the Technologies not to correct any inconsistencies. Any corrections Environment of the sample characterization and/or regulatory requirements. Printed Name: NAYAN A.	e individuals responsible for supplying or obtaining the teath to the best of my knowledge and belief. Furthermore, no idenstand that others may rely on this representation and warranty is box is checked [], I request Environmental Geo-
	Generator's Signature: Mussus Barr	Date: 9-22-15
	GENERATOR'S CHAIN OF CUSTODY RECORD INSTET the waste described in the above referenced GENERATORS WASTE PROFILE R one obtained using any of the applicable sampling methods cited in 40 CFR provided below. If you have problems obtaining a representative sample of representative.	EPORT using an appropriate container. A representative sample is 261-Appendix 1. Fill in the sampling information in the spaces
•	1. GYAD 2. JAN SAMPLING ME ENOP SAMPLE COLLECTOR'S NAME, TILL, LIMIT LOYER	
	4. Sample No. Preservation: Yes No 🗆	
	5. CHAIN OF CUSTODY Each person who handles the sample must signal Relinquished by: (Signature)	n below when the sample passes from one to another. Received by: (Signature) (Signature) (Signature) (Signature) (Signature)

RECEIVING & APPROVAL FORM

RECEIVING NEORMATIONS	
Date	9/23/15
Receiving ID#	box Acod Strong
Manifest# Line:	
Land Ban Cert included	YesNo
EGT Approval #	
Generator	∆
Client	
Transporter	
Time in	
Time out	
Received by	J. H.
Sampled by	Ches

L-BINFORMSION-2-1-3		
Alley Vasie Sintinenis (1995)		Comercial Brines Children S. E. St. No. 1997
Compatible? (RT#)	Yes No	Barium
PCBs (ppm)(Oily Waste		
Only)?	10/4	Calcium
TOC (ppm)(CC Waste Only)?	<u> </u>	Total Iron
Flash Point (°F)	140	Magnesium
pH (S.U.)	(0.)	Sodium Chloride
Cyanides? (mg/L)	< 30	Bicarbonate
Sulfides? (ppm)	4 200	Carbonate
Specific Gravity	1.41,	TDS
Physical Description	igu:	Resistivity
Stream Consistency	Yes 'No	Sulfate
Oil in Sample	Yes (Nd	
.Temperature	69°F	
Conductivity	> 400,0 ms	
% Solids	15.2	
Turbidity ·	Yes (No)	
Color (visual)	Green	
TSS (%)	(0.1	
Radiation Screen (as needed)	Negative	
	J .	
Lab Signature		USK 18-14

REC04-01 - Page/1

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



GENERATORINGOPHATION					•
Name:		USEPA ID	#	•	
Facility Address:		SIC/NAICS	Code:Sta	ate Code:	
City:		State.	Cod	e:	
Contact	Phone:		F		
BILLING INFORMATION	X SAME AS A	BOYE			
Company Name:		•			•
Address:	<u>-</u>	·			· · ·
City:		_State:	Zip Cod	e;	
Attention:	Phone: ()	Fax: (
WASTEINFORMATION					
Name of Waste/Common Chemical Name:	.*		•		
Vickie whose water lan	i~-\				
Process Generating Waste (Please be specific, incomple	te information may	delay the apt	proval process):		
Waste whom with Off	<u> Gi Villelêgs</u>	<u> </u>	<u> PNANT</u>		•
			•		
USEPA/STATE WASTE IDENTIFICATION 1. This waste is considered to be: Non Hazardo	us i iquid ladustrial	Waste	☐ Hazardous Wa	ste	
2. Regulated by TSCA? Tyes Wino (PCBs, etc.)	·				
3. List ALL Applicable Waste Codes: 029		_ '			,
PHYSICAL CHARACTERISTICS OF WASTE			and the production of the second seco	viralização de metro de 1995	
Color: Suspended Solids XVhite/Clear 0-1 % 3-5 %	Layers:	word [Specific Gravity:	.12	acceptable
☐ Black/Brown ☐ 1-3 % ☐ > 5%	☐ Multi-Le	red [0.8 -1.0 🔲 1.3 -	1.4	
Other	Single !		cact / Other		B 9.23,15
pH: □NA □≤2 🕱 2-4 □ 4-6	LJ 6-8 L	_ 8 – 10 [_	110 - 125 11 2	12.5	
Liquid Flash Point:	140°F □ 141 – 2	00°F □>20	0°F ⊠ None 国	Closed Cup	Open Cup
VOC CONCENTRATION -	PPM (MUST BE CO	MPLETED)			
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO C	OR GREATER THAN 10	10% (List each	CONSTITUENT >/	= 0.1%)	•
CONSTITUENT	MAX MIN	CONSTITUE	NT		MAX MIN
usifu	99-60%				%
566185	<u> </u>				%
	%		· · · · · · · · · · · · · · · · · · ·		%

EGT - 28470 Citrin Drive - Romulus - IIII - 48174	Waste Profile - Page 2
Metals: Indicate if this waste contains any of the following metals,. If Generato	or knowledge-provide backup TCLP STOTAL
Not Concentration Present PCB Dioxins Cyanides Reactive Cyanides Reactive Sulfides Reactive Sulfides Reactive Sulfides Total Dioxins Cyanides Total Dioxins Di	Arsenic (As)
TCLP Organics D012 - D043 above regulatory limits: Present Not Present 2	<u>.</u>
IS WASTE ANY OF THE FOLLOWING? Af Least One Box Must Be C Radioactive ☐ Water Reactive ☐ Oxidizer ☐ Shock Se NIOSH Human-Positive Carcinogens ☐ NESHAP Wastes (Benzene, etc.)	ensitive
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	∐Yes X No Hazard Class UN/NA
PG ERG Hazardous Constituents for "n.o.s."	
4. Method of Shipment: KBulk Tanker	r □Drums □Totes
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 incomplete 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 both Technologies not to correct any inconsistencies. Any corrections Environmental of the sample characterization and/or redulatory reduirements.	tividuals responsible for supplying or obtaining the the best of my knowledge and belief. Furthermore, no stand that others may rely on this representation and warranty ox is checked □. I request Environmental Geo.
Printed Name:	Title:
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 representative 1-quart_sample of trusing an appropriate container. A representative sample is Appendix 1. Fill in the sampling information in the spaces
1. SAMPLING METHOD COLLECTION POINT	
3SAMPLE COLLECTOR'S NAME, TITLE, EMPLOYER	
4. Sample No. Preservation: Yes No No	
5. CHAIN OF CUSTODY Each person who handles the sample must sign bel	low when the sample passes from one to another.
Relinquished by: (Signature) Date Time	Received by: Date Time (Signature).

VING &		
NG INFO	RVATION	

AREELVING INFORMATIONS			
Date ·	9/2	3/15	
Receiving ID# Ptc		Jaste HZA)
Manifest# Line:			
Land Ban Cert included	Yes	No	
EGT Approval#			
Generator			,
Client			
Transporter	,		
Time in			
Time out .		· ·	
Received by	J.H.	,	
Sampled by	Clive	N	

LABINFORMATION			
Al-Waste Shiphieds as he			Office distrines (Only)
Compatible? (RT#)	Yes	No	Barium
PCBs (ppm)(Oily Waste			
Only)?	N	-)	Calcium ·
TOC (ppm)(CC Waste Only)?	NU	9	Total Iron
Flash Point (°F)) /4	<u>0</u>	Magnesium
pH (S.U.)	3.3		Sodium Chloride
Cyanides? (mg/L)	(30	1	Bicarbonate
Sulfides? (ppm)	120	.	Carbonate
Specific Gravity	100	b	TDS
Physical Description	law:	• 4	Resistivity
Stream Consistency	Yes	No	Sulfate
Oil in Sample	Yes	(N)	
Temperature	. 69°	ij _σ	
Conductivity	90.	7,5	
% Solids	<u> </u>	٥	'
Turbidity	(Yes)	No	
Color (visual)	·BA	J P	A .
TSS (%)	(0.)	1	
Radiation Screen (as needed)	Ners	F-ve	
Lab Signature			18:10m

REC04-01 - Page 1

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

Generator Waste Profile Profile #00

GENERATOR INFORMATION		e .				
Name:		USEPA	ID#	<u> </u>		
Facility Address		SIC/NA	CS Code:	State	Code:	- The same of the
City:		Sta	Z	ip Code		
Contact	je: ()	[Fax: ()	
BILLING INFORMATION	SAME AS A	BOVE				
Company Name:						
Address:						
City:		_State:	Z	ip Code:		
Attention:	Phone: ()		=ax: ()	
WASTE INFORMATION						
Name of Waste/Common Chemical Name:	_					
CAUSTIC CLEANER (TANK	PH3)		· · · · · · · · · · · · · · · · · · ·		•	
Process Generating Waste (Please be specific, incomple	-	-	• •	-		
Use of caustre to cles	N Metal	·	•		····	'
		 		•		
USEPA / STATE WASTE IDENTIFICATION	nua lieudal laduateiai	Monto	/** Hazardo	ue Weste		
 This waste is considered to be: Non Hazarde Regulated by TSCA? Yes No (PCBs, etc.) 	ous Eiquia mausinai	vvaste	Mic Hazardo	ne Avaste		
3. List ALL Applicable Waste Codes: Poc2						
PHYSICAL CHARACTERISTICS OF WASTE	o de la contraction de la companya de la companya de la contraction de la contractio	period de la companya	Comment of the Commen			The state of the s
Color: Suspended Solids	Layers:		Specific Gr	avity:	. 6	CeNSA
☐ White/Clear	☐ Multi-Le	ered	□<0.8 □ □ 0.8 –1.0 □	1.3 - 1.4		
☐ Other 9,1 мах	Single		Exact / Other_			925/5
pH: □NA □≤2 □ 2-4 □ 4-6	□ 6-8 [] 8 - 10	10 – 12.5	⊠ ≥12	2.5 Maff	wal 1013/5
Liquid Flash Point: ☐ <73°F ☐ 73 – 100°F ☐ 101 –	140°F □ 141 – 2	00°F 🔲	>200°F ⊠ LNo	ne 🔽C	losed Cup	Open Cup
VOC CONCENTRATIONO_	PPM (MUST BE CO	MPLETED)				
TOTAL COMPOSITION OF WASTE - MUST BE EQUAL TO	OR GREATER THAN 10	00% (LIST E	ACH CONSTITUE	NT >/= 0	.1%)	
CONSTITUENT	MAX MIN	CONST	TUENT			MAX MIN
Potassim Hypnoxide	40-1%-				<u> </u>	
Salor						
	%				•	%

<u>EG7 - 28470 Citrin Drive - Rom</u>	EGT - 28470 Citrin Drive - Romulus - MI - 48174 Waste Profile - Page				<u>file – Page 2</u>
Metals: indicate if this waste conta ☐ Lab Analysis 🔀 Gen	ins any of the fo erator Knowled	llowing metals. : ige		de backup 'OTAL	er v . Y
Dioxins ppm P Cyanides Reactive ppm R	1 No Pres romatic Amine I esticides I lodenticides I ungicides I	sent I ppm	Arsenic (As) Barium (Ba) Cadmium (Cd) Chromium (Cr) Lead (Pb) Mercury (Hg) Selenium (Se) Silver (Ag)	D004	n
TCLP Organics D012 - D043 above r	egulatory limits:	Present Not	Present 🔀		
IS WASTE ANY OF THE FOLLOW ☐ Radioactive ☐ Water Reacti ☐ NIOSH Human-Positive Carcino	ve 🗌 Oxidiz	er 🗀	Must Be Checked. Shock Sensitive		Explosives Apply
SHIPPING INFORMATION	1 .			y ny - Anna Anna ao	
SHIPPING INFORMATION 1. Is this a DOT Hazardous Materia 2. Reportable Quantity (RQ) in pour 3. DOT Shipping Name Ro, UN PG ERG Hazardous 4. Nathani of Shipping	i (49CFR 172.10 nds	01 & 173 Subpar	t D)? ⊠Yes ∐No	Frongavic (N	os)(pothesily hyorox;
3. DOT Shipping Name Ro, UN	13267, WA	Ste CAMOS	ve Liquio, baster	_Hazard Class	UNDNA 326
PGERG Hazard	ious Constituent	is for "n.o.s."	stassium hypri	yde	
 Method of Shipment: Number of Units to Ship Now: Special Handling Requirements in 	EBulk Tanke	r <u>⊯</u> Vac truck	∐Rail Car	Totes	or 🏻 One Time
CERTIFICATION STATEM					
I hereby represent and warrant that I attached documents. Based on my I information, the information contains material fact has been omitted as to in the handling and processing of the Technologies not to correct any incorof the sample characterization and/or	have personally nquiry and personal and herein is true, make this inform waste material asistencies. Any	onal knowledge of accurate, and conation misleading described hereil or corrections Env	of those individuals responsion omplete to the best of my kn g. I understand that others r n. If this box is checked []	ble for supplying or obto lowledge and belief. Fu nay rely on this represe I request Environments	aining the irthermore, no ntation and warrant
Printed Name: Generator's Signature:				Title Date	
GENERATOR'S CHAIN OF the waste described in the above reference one obtained using any of the application provided below. If you have problems representative.	erencea Generat Ible samplina me	TORS VVASTE PRO Sthods cited in 40	FILE REPORT using an appro CER 261-Appendix 1 Fill	priate container. A repr in the sampling informa	esentative sample i
12. SAMPLING METHOD	COLLECTION	N POINT			
3SAMPLE COLLECTOR'S NAME,	TITLE, EMPLO	YER			
4. Sample No. Pi	-				
5. CHAIN OF CUSTODY Each pe	rson who handle	es the sample m	ust sign below when the sar	nple passes from one to	another.
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

FINGERPRINT FORM



Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM					
REGEMINGINFORMATION					
Date	9/25/15				
Receiving ID#	Caustic Cleave				
Manifest# Line:					
Land Ban Cert included	Yes No				
EGT Approval#					
Generator .					
Client					
Transporter .					
Time in					
Time out ·					
Received by	J.H.				
Sampled by	Client)				

۱, ۶	TAB NEORWATION TO A SECURITY OF THE SECURITY O		Oline d'Ennes Only 2002
	Compatible? (RT#)	(Yes) No	Barlum .
	PCBs (ppm)(Oily Waste Only)?	NA	Calcium
- [TOC (ppm)(CC VVaste Only)?	L N/A	Total Iron
ļ	Flash Point (°F)) 140	Magnesium .
-	pH (S.U.)	13.9.	Sodium Chloride
ļ	Cyanides? (mg/L)	430	Bicarbonate
. [Sulfides? (ppm)	< 200	Carbonate
Ĺ	Specific Gravity	1.06	TDS
L	Physical Description	Lavid	Resistivity
Ĺ	Stream Consistency	Yes (No)	Sulfate
	Oil in Sample	(Yes) · No	
L	Temperature	72°F	
	Conductivity	147.2005	
L	% Solids	16.2	
	Turbidity	(Yes) No	
L	Color (visual)	DK Bow / 19 B	W
L	TSS (%)	9,1 /	V
Ŀ	Radiation Screen (as needed)	Negative N	
	Lab Signature		

REC04-01-Page 1