

28470 Citrin Drive, Romulus, Michigan 48174 | Phone 734-946-1000 | Fax 734-946-1002

February 24, 2013

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 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.

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.

cc: J. Frost (EGT), T. Athans (HH)

att.

022414/rjpEGTEPAMonthlyReport-January 2014



Calculation of Average Injection Rate

CURRENT REPORTING YEAR CURRENT REPORTING MONTH Date (month, year) of the first injection into either well at the Citrin Road Facility, ie EGT November 2013 CURRENT MONTH (all volumes in gallons)								
	Injected Waste	Injected Non-Waste	Total injected					
MI	-163-1W-C010 , v	Vell #1-12						
Current Month	86,825 GAL	0	86,8259AL					
Since facility first injected			86,8259AL 94,568 gac					
M	I-163-1W-C011, W	/ell #2-12	· · · · · · · · · · · · · · · · · · ·					
Current Month	94,671 GAL	0	94,671 92					
Since facility first injected			307,942 9AL					
		Lifetime Combined	94,671 gal 307,942 gal 402,510 gal					
Conversion factors 365.25 days per year ÷ 12 months 30.4375 days per month × 1440 mi								

365.25 days per year ÷ 12 months per year = 30.4375 days per month
30.4375 days per month × 1440 minutes per day = 43,830 minutes per month
Calculations
Whole number of months of injection 3
lifetime number of months of injection × 43,830 minutes/month
= <u>131,490</u> minutes of injection
∸
Lifetime combined injected volume 402,510 gas 4 131,490 minutes of injection
= 3.1 gpm average injection rate

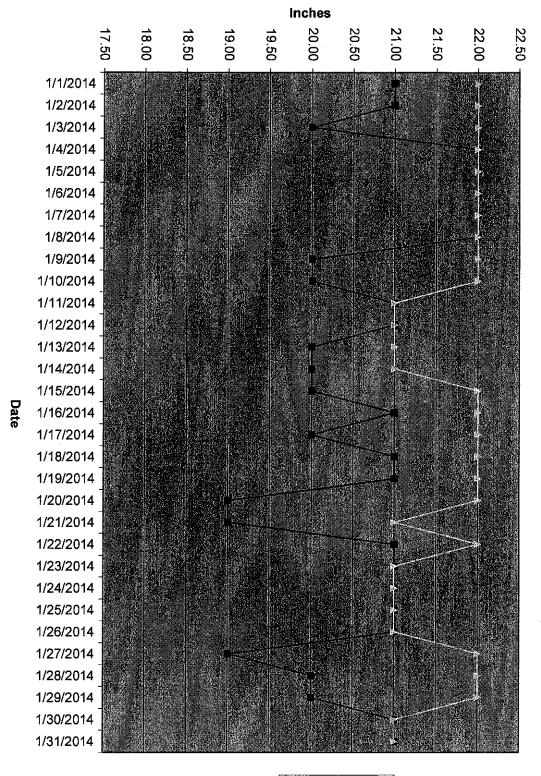
WELL 1 DATA

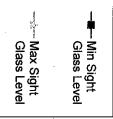
SUMMARY OF OPERATING, MONITORING AND REPORTING REQUIREMENTS Injection Well I

	Month: January	Year: 2014		
CHARACTERISTIC	LIMITATION	MINIMUM MONITORING FREQUENCY	MINIMUM REPORTING FREQUENCY	STATUS
Injection Pressure	765 psig maximum	continuous	monthly	735 psig
Annulus Injection Pressure	100 psig minimum	continuous	monthly	200 psig
Annulus/Tubing Diff	100 psig minimum above injection pressure	continuous	monthly	129 psig
Injection Rate (Average both wells)	166 gpm	continuous	monthly	3.1 gpm
Injection Rate (Maximum instantaneous)	270 gpm	continuous	monthly	176 gpm
Sight Glass Level		continuous	monthly	Graph attached
Annulus Fluid Loss		monthly	monthly	0.0 gal
Cumulative Volume		daily	monthly	86,825 gal
Temperature		6-hour intervals	monthly	Graph attached
Corrosion Monitoring		monthly	monthly	Report attached
Repair and Maintenance		NA	monthly	Log attached
Toxicity Characteristic List		annually	monthly	NA
Fingerprint Analysis Chemical Composition and Physical Characteristics of Injected Oilfield Brine		per load annually	monthly	Sheets attached
pH of Injected Fluids		continuous	monthly	Graph attached

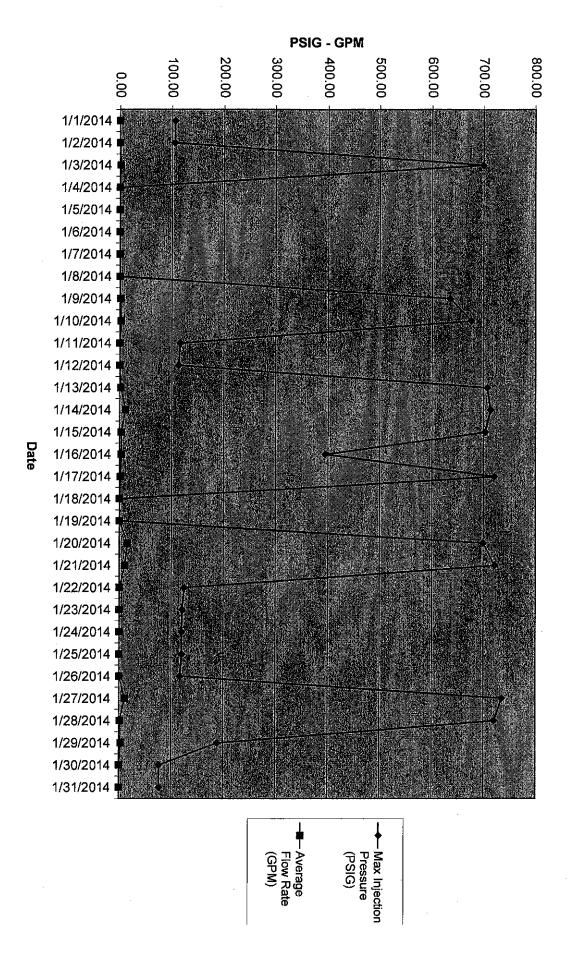
Well 01 Monthly Data

Date	Min	Max		Max	Min	Max	Min	Max	Min	Max	Avg	Min	Max
			Sight Glass	Sight Glass	Annulus	Annulus	Injectate	Injectate	Flow	Flow	Flow	Differentail	Differential
	Pressure (PSIG)	Pressure	Level	Level		Pressure	рН	рH	Rate	Rate	Rate	Pressure	Pressure
1/1/2014		(PSIG) 105.40	(in) 21.00	(in) 22.00	(PSIG) 321.96	(PSIG) 323.74	4.58	4.79	(GPM) 0.00	(GPM) 0.00	(GPM) 0.00	(PSIG) 217.17	(PSIG) 218.39
1/2/2014	104.14	103.40	21.00	22.00	320.10		4.68	5.03	0.00	0.00	0.00	215.90	217.32
1/3/2014	0.11	699.55	20.00	22.00	237.01	992.44	4.58	5.03	0.00	34.02	1.48	189.99	348.84
1/4/2014	0.11	0.11	22.00	22.00	236.02	237.13	4.93	5.23	0.00	0.00	0.00	235.91	237.02
1/5/2014	0.11	0.11	22.00	22.00	234.89		5.18	5.26	0.00	0.00		234.78	236.02
1/6/2014	0.11	0.11	22.00	22.00	228.86	245.98	4.76	5.25	0.00	4.56	0.00	228.75	245.87
1/7/2014	0.00	0.11	22.00	22.00	227.37	228.94	4.87	5.08	0.00	0.00	0.00	227.37	228.83
1/8/2014	0.00	0.28	22.00	22.00	226.83	227.83	4.85	5.12	0.00	0.00	0.00	226.66	227.81
1/9/2014	0.00	634.60	20.00	22.00	225.92	912.42	4.85	5.34	0.00		1.01	196,96	349.69
1/10/2014	0.01	676.30	20.00	22.00	246.95	991.09	4.73	5.60		134.34	2.13	198.42	348.89
1/11/2014	112.92	115.45	21.00	21.00	441.55	446.65	5,51	5.68	0.00	0.00	0.00	328,55	331,25
1/12/2014	111.87	112.99	21,00	21.00	437.67	441.58	5.64	6.06	0.00	0.00	0.00	325.71	328.68
1/13/2014	27.16	707.35	20.00	21.00	325.44	986.67	4.77	6.35	0,00	69.09	1.94	193.85	364.91
1/14/2014	26.11	713.71	20.00	21.00	356.20	997.55	5.02	6.36	0.00	58.87	10.95	190,78	349.15
1/15/2014	0.26	703.39	20,00	22.00	200.31	1012.66	0.68	6.32	0.00	114.90	2.88	177.17	350.81
1/16/2014	0,61	394.56	21.00	22.00	223.62	608.46	0.40	0.86	0.00	108.35	3.27	199.54	358.50
1/17/2014	0.06	721.01	20.00	22.00	202.11	939,11	0.60	1.25	0.00	150.24	1.25	128.51	590.17
1/18/2014	0.00	0.07	21.00	22.00	252.03	255.49	1.01	1.50	0.00	0.00	0.00	251.97	255.47
1/19/2014	0.00	0.35	21.00	22.00	252.92	254.89	1.45	1.58	0.00	0.00	0.00	252.68	254.87
1/20/2014	0.05	699.55	19.00	22.00	251.90	993.49	1.03	2.67	0.00	176.15	14.89	195.07	392.67
1/21/2014	87.58	721.77	19.00	21.00	383.37	1009.72	1.49	9.39	0.00	125.87	9.94	186,90	370.81
1/22/2014	0.51	124.82	21.00	22.00	240.31	468.07	8.87	13.33	0.00	0.00	0.00	154.27	347.54
1/23/2014	118.40	120.90	21.00	21.00	419.55	424.11	8.40	11.01	0.00	0.00	0.00	301.10	303.75
1/24/2014	116.39	119.93	21.00	21.00	415.75	419.64	8.13	12.93	0.00	0.00	0.00	295.84	301.42
1/25/2014	116.28	120.33	21.00	21.00	410.84	415.81	12.83	12.97	0.00	0.00	0.00	294.48	296.52
1/26/2014	115.07	116.42	21.00	21.00	406.58	410.92	12.39	12.96	0.00	0.00	0.00	291.40	294.57
1/27/2014	2.80	734.94	19.00	22.00	246.49	1007.01	0.17	13.10		134.96	10.49	186,36	361.08
1/28/2014	5.52	720.74	20.00	22.00	251.96	973.24	0.67	3.93		131.11	1.13	184.16	349.85
1/29/2014	2.63	188.70	20.00	22.00	242.43	491.79	3.25	5.60	0.00		2.85	200.06	349.96
1/30/2014	73.51	76.56	21.00	21.00	380.77	387,08	5,50	5.67	0,00	0.00	0,00	306.90	313.26
1/31/2014	76.04	76.80	21,00	21.00	384.65	386.52	5.31	5.68	0.00	0.00	0.00	308.36	310,06









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

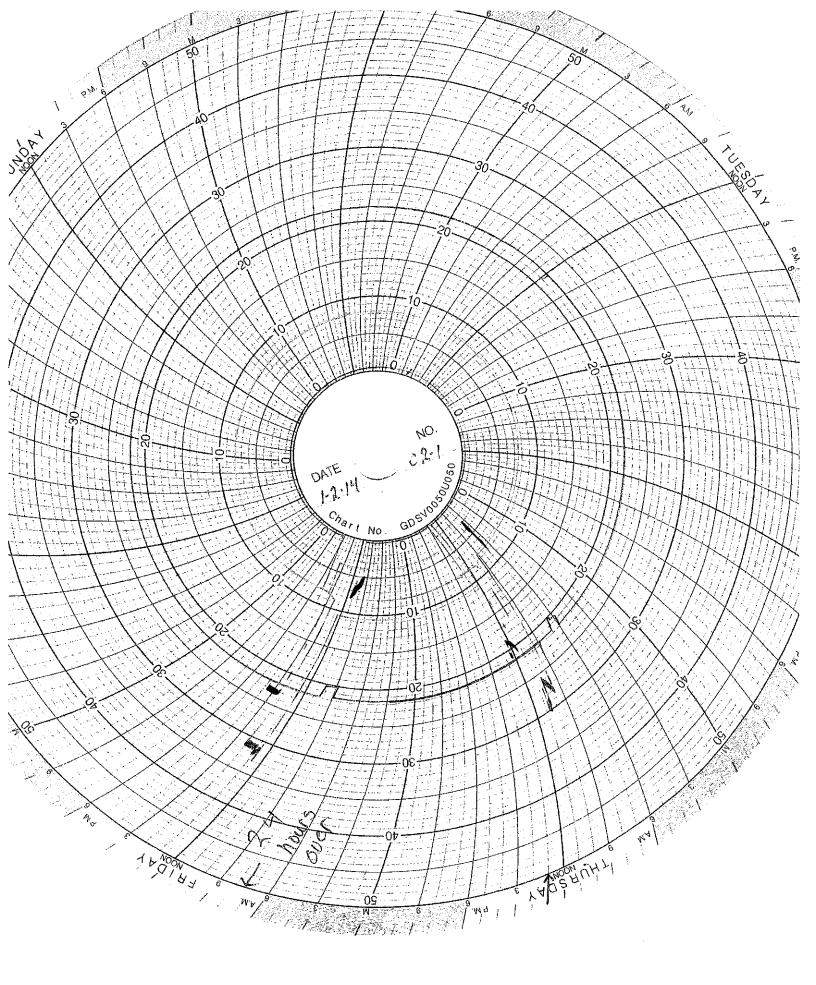
Red Pen – Weli 1 Monthly Volume

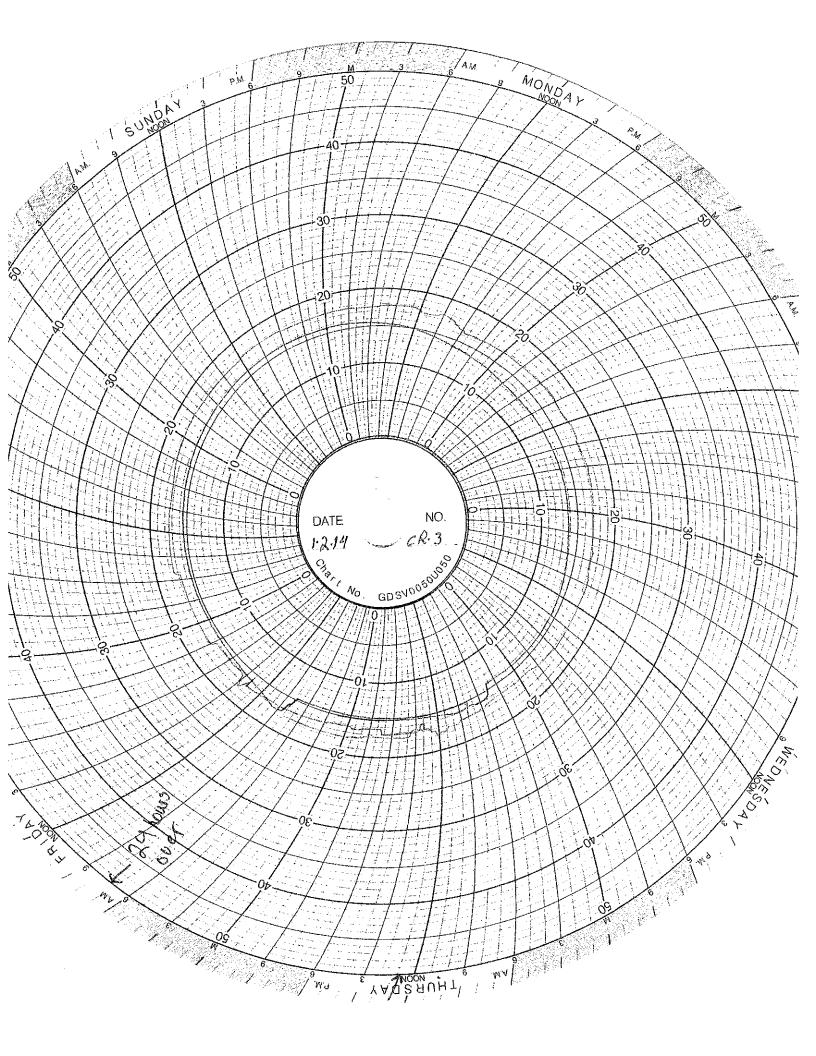
Channel #3

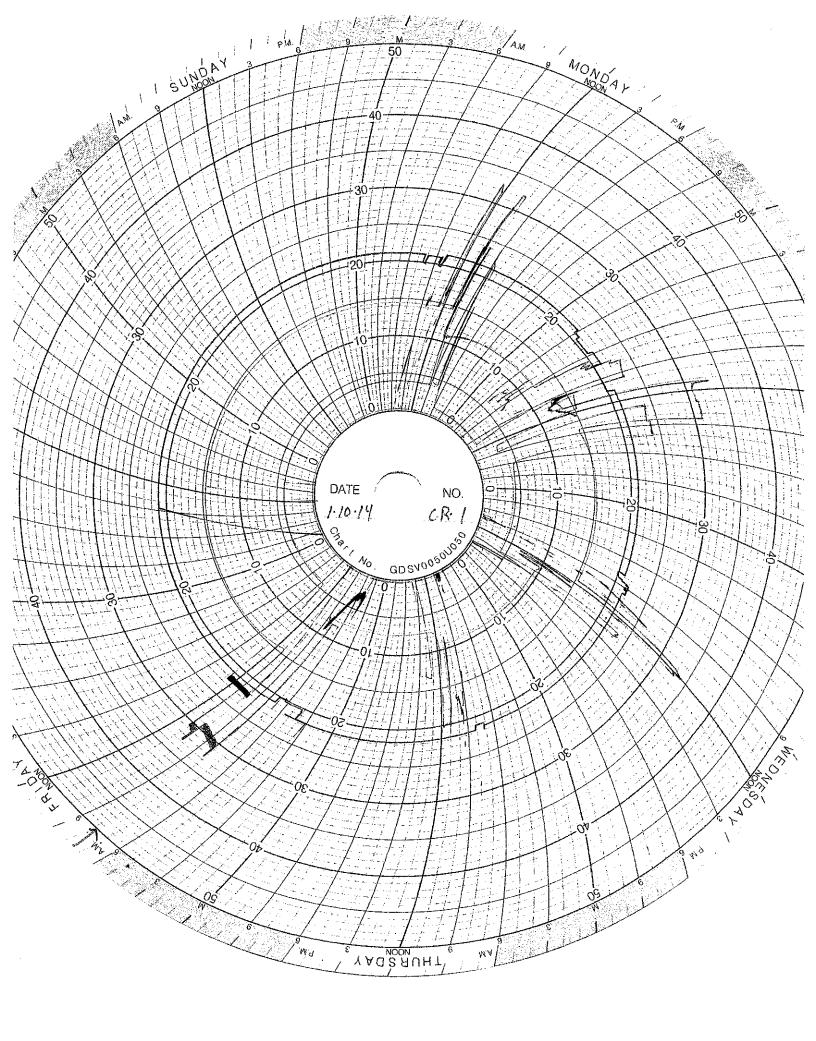
Green Pen - Well 2 Monthly Volume

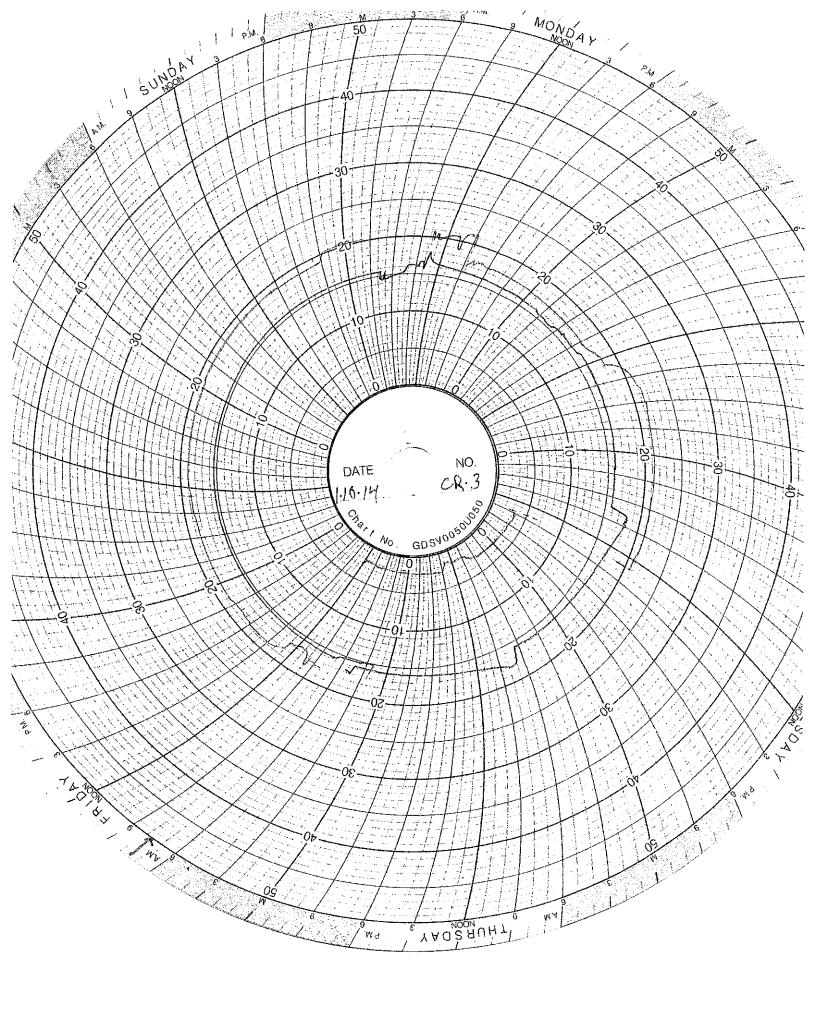
Channel #4

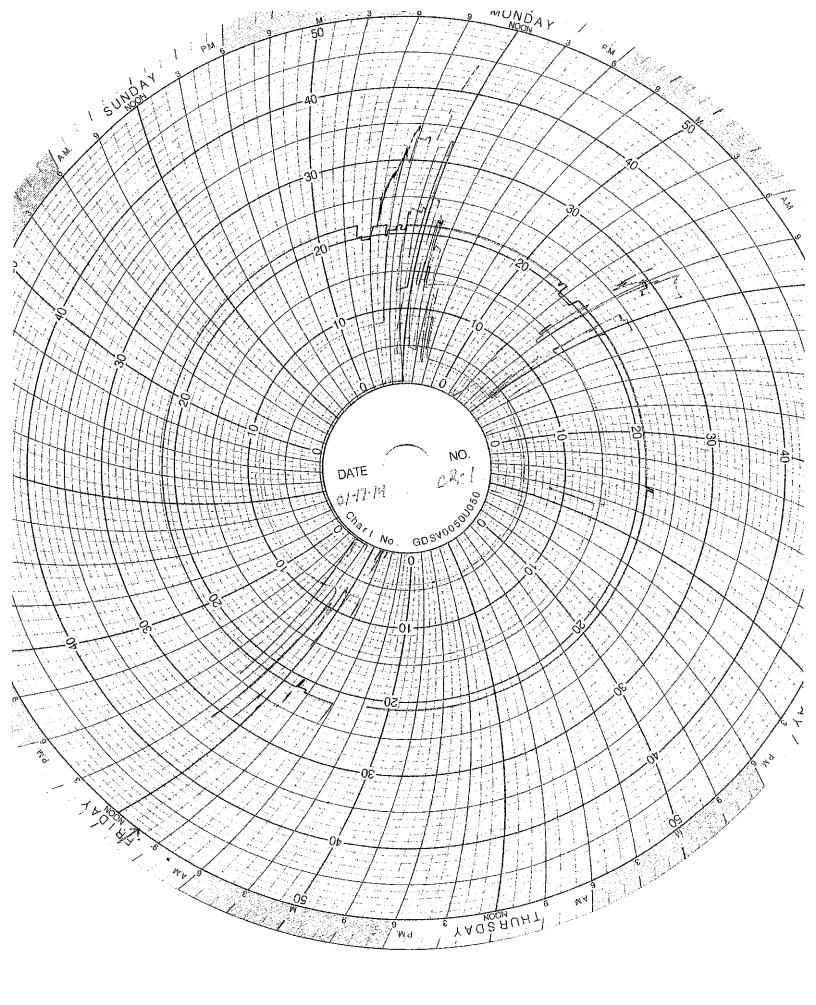
Black Pen - Temperature

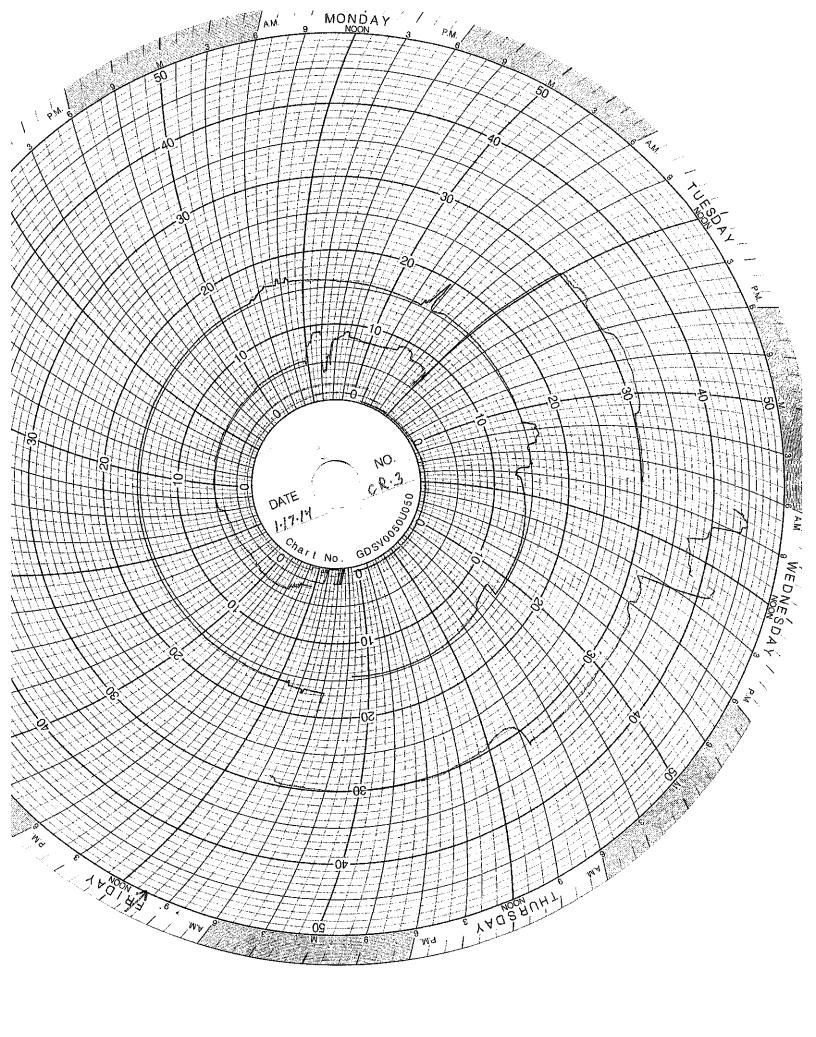


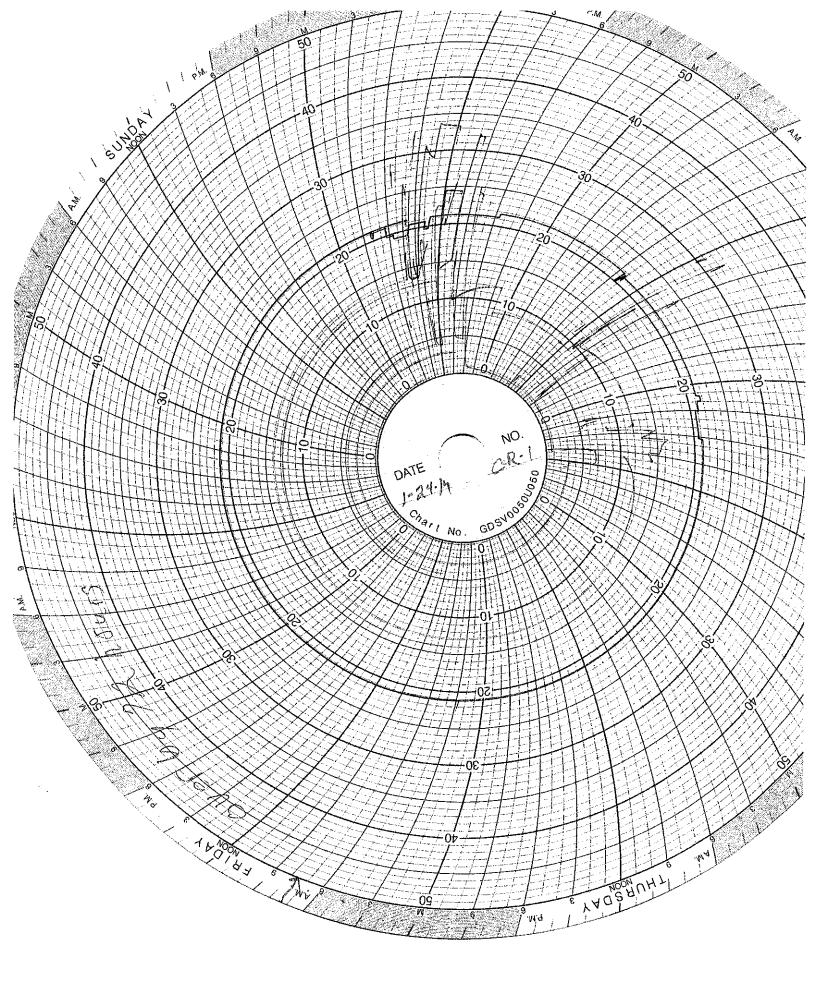


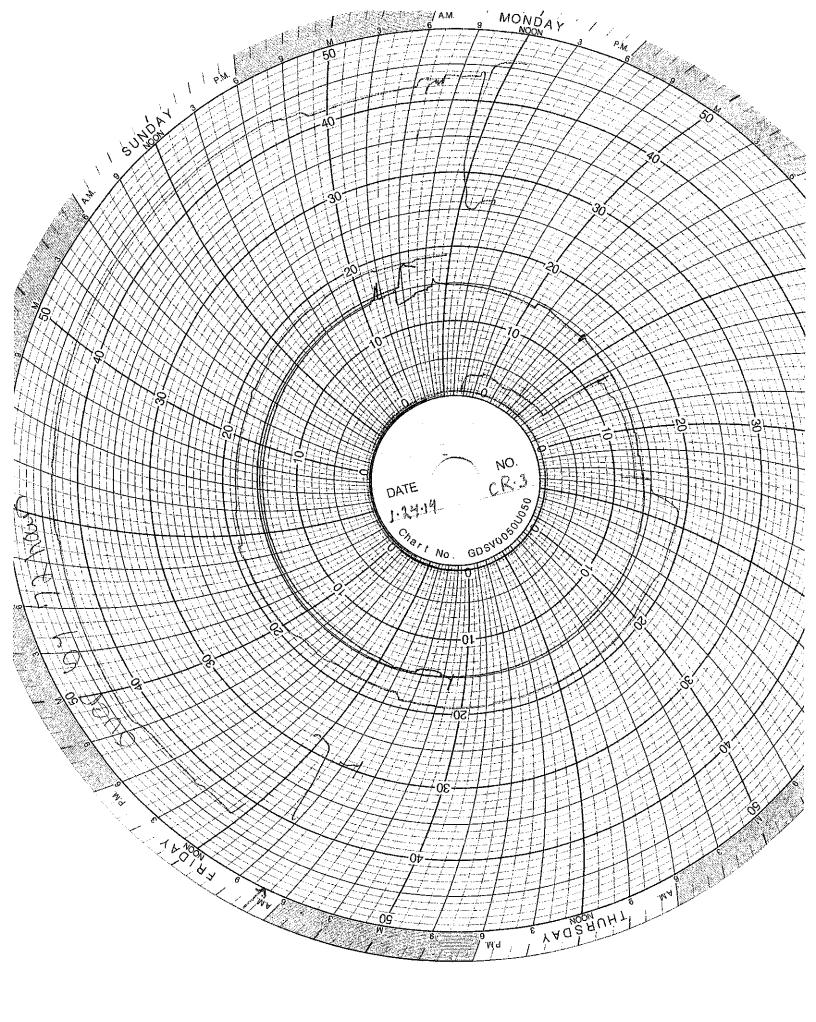












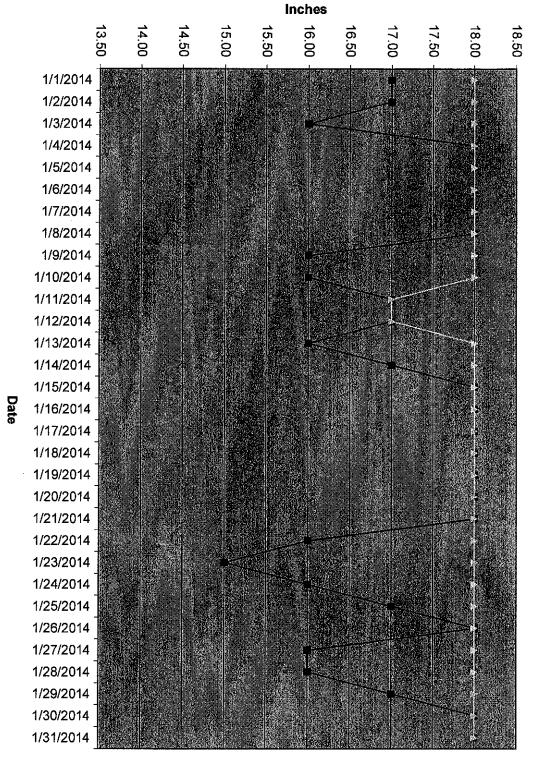
WELL 2 DATA

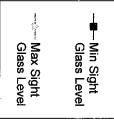
SUMMARY OF OPERATING, MONITORING AND REPORTING REQUIREMENTS Injection Well II

	Month: January	Year: 2014		
CHARACTERISTIC	LIMITATION	MINIMUM MONITORING FREQUENCY	MINIMUM REPORTING FREQUENCY	STATUS
Injection Pressure	765 psig maximum	continuous	monthly	736 psig
Annulus Injection Pressure	100 psig minimum	continuous	monthly	264 psig
Annulus/Tubing Diff	100 psig minimum above injection pressure	continuous	monthly	163 psig
Injection Rate (Average both wells)	166 gpm	continuous	monthly	3.1 gpm
Injection Rate (Maximum instantaneous)	270 gpm	continuous	monthly	122 gpm
Sight Glass Level		continuous	monthly	Graph attached
Annulus Fluid Loss		monthly	monthly	0.0 gal
Cumulative Volume		daily	monthly	94,671 gal
Temperature		6-hour intervals	monthly	Graph attached
Corrosion Monitoring		monthly	monthly	Report attached
Repair and Maintenance		NA	monthly	Log attached
Toxicity Characteristic List		annually	monthly	NA
Fingerprint Analysis Chemical Composition and Physical Characteristics of Injected Oilfield Brine		per load annually	monthly annually	Sheets attached
pH of Injected Fluids		continuous	monthly	Graph attached

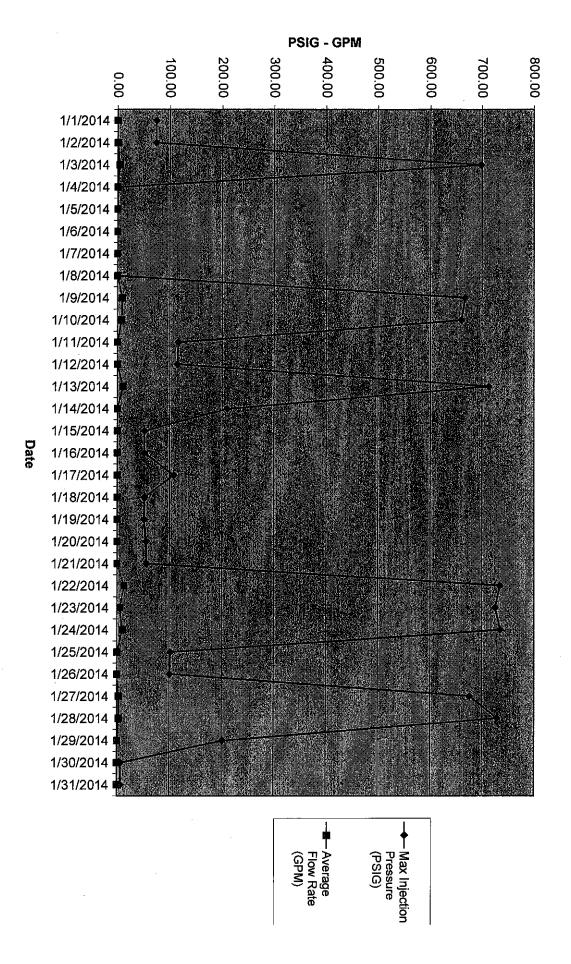
Well 02 Monthly Data

Date	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Avg	Min	Max
	Injection	Injection	Sight Glass	Sight Glass	Annulus	Annulus	Injectate	Injectate	Flow	Flow	Flow	Differential	Differential
	Pressure	Pressure	Level	Level	Pressure	Pressure	рĤ	рĤ	Rate	Rate	Rate	Pressure	Pressure
	(PSIG)	(PSIG)	(in)	(in)	(PSIG)	(PSIG)	ľ	ľ	(GPM)	(GPM)	(GPM)	(PSIG)	(PSIG)
1/1/2014	73.50	74.30	17.00	18,00	420,56	422.23	4.58	4.79	0.00	0.00	0.00	347.00	347.96
1/2/2014	73.10	73.61	17.00	18.00	418.02	420.64	4.68	5.03	0.00	0.00	0.00	344.82	347.12
1/3/2014	0.17	698.00	16.00	18.00	274.77	956.41	4.58	5.31		111.34	3.90	193.51	349.13
1/4/2014	0.17	0.17	18.00	18.00	272.51	274.81	4.93	5.23	0.00	0.00	0.00	272.34	274.64
1/5/2014	0.17	0.17	18.00	18.00	271.35		5.18	5.26	0.00	0.00	0.00	271.17	272.42
1/6/2014	0.01	0.26	18.00	18.00	265,99		4.76	5.25	0.00	34.33	0.01	265.98	278.70
1/7/2014	0,01	0.01	18.00	18.00	266.33	267.22	4.87	5.08	0.00	0.00	0.00	266.32	267.21
1/8/2014		0.01	18.00	18.00	265.95		4.85	5.12	0,00	0.00	0.00	265.94	266.89
1/9/2014	0.01	667.29	16.00	18.00	265.04	970.30	4.85	5.34	0.00	122.47	9.12	195.71	349.97
1/10/2014	110.61	660.41	16.00	18.00	310.72	958.69	4.73	5.60	0.00	88.60	7.86	194.93	349.95
1/11/2014	114.23	116.65	17.00	17.00	451.88	457.62	5,51	5.68	0.00	0.00	0.00	337.62	341.50
1/12/2014	113.44	114.30	17.00	17.00	444.98	451.93	5.64	6.06	0.00	0.00	0.00	331.43	337.70
1/13/2014	57.44	712.78	16.00	18.00	278.88	1004.89	4.77	6,35	0.00	102.57	10.13	187.34	350.32
1/14/2014		210.02	17.00	18.00	290.27	515.43	5.02	6.36	0.00	32.31	0.19	198.20	347.91
1/15/2014	49.95	51.55	18.00	18.00	297.97	299.07	0.68	6.32	0.00	0.00	0.00	247.29	248.38
1/16/2014	50.10	51.69	18.00	18.00	297.32	. 298.17	0.40	0.86	0.00	0.00	0.00	246.34	247.70
1/17/2014	50.23	107.50	18.00	18.00	296.84	325.92	0.60	1.25	0.00	19.06	0.01	218.42	247.65
1/18/2014	50.55	51.21	18.00	18,00	294.91	296.92	1.01	1.50		0.00	0.00	244.29	245.78
1/19/2014	50.34	50,68	18.00	18.00	294.45	295.00	1.45	1.58	0.00	0.00	0.00	243.88	244.39
1/20/2014	50.01	54.90	18.00	18.00	294.19	296.83	1.03	2.67	0.00	0.00	0.00	241.85	244.31
1/21/2014	51.98	55.92	18.00	18.00	292.51	295.16	1.49	9.39	0.00	0.00	0.00	238.41	242.24
1/22/2014	1.82	734.72	16.00	18.00	270.21	1010.61	8.87	13.33	0.00		13.40	187.35	349.99
1/23/2014	88.64	725.64	15.00	18.00	307.72	1026.64	8.40	11.01	0.00	56.95	5.72	196.80	367.18
1/24/2014	87.29	735.58	16.00	18.00	297.51	1022,58	8.13	12.93	0.00	55.56	10.00	193.98	349.93
1/25/2014	70.75	102.21	17.00	18.00	294.81	451.22	12.83	12.97	0.00	0.00	0.00	202.90	349.96
1/26/2014	97.95	100.46	18.00	18.00	305.84	306.89	12.39	12.96	0.00	0.00	0.00	205.58	208.91
1/27/2014	0.22	676.93	16.00	18.00	275.72	958.24	0.17	13,10	0.00	50.56	3.01	163.15	358.34
1/28/2014	0.00	729.23	16,00	18.00	266.33	1006.21	0.67	3.93	0.00	55.33	3.34	189.15	365.58
1/29/2014	0.43	200.99	17.00	18.00	264.37	502.87	3.25	5.60	0.00	16.42	0.16	201.74	335.58
1/30/2014	6.45	6.92	18.00	18.00	273.76	274.78	5.50	5.67	0.00	0.00	0.00	266.89	268.26
1/31/2014	6.02	6.55	18.00	18.00	274.64	275.58	5.31	5.68	0.00	0,00	0.00	268,10	269.40









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

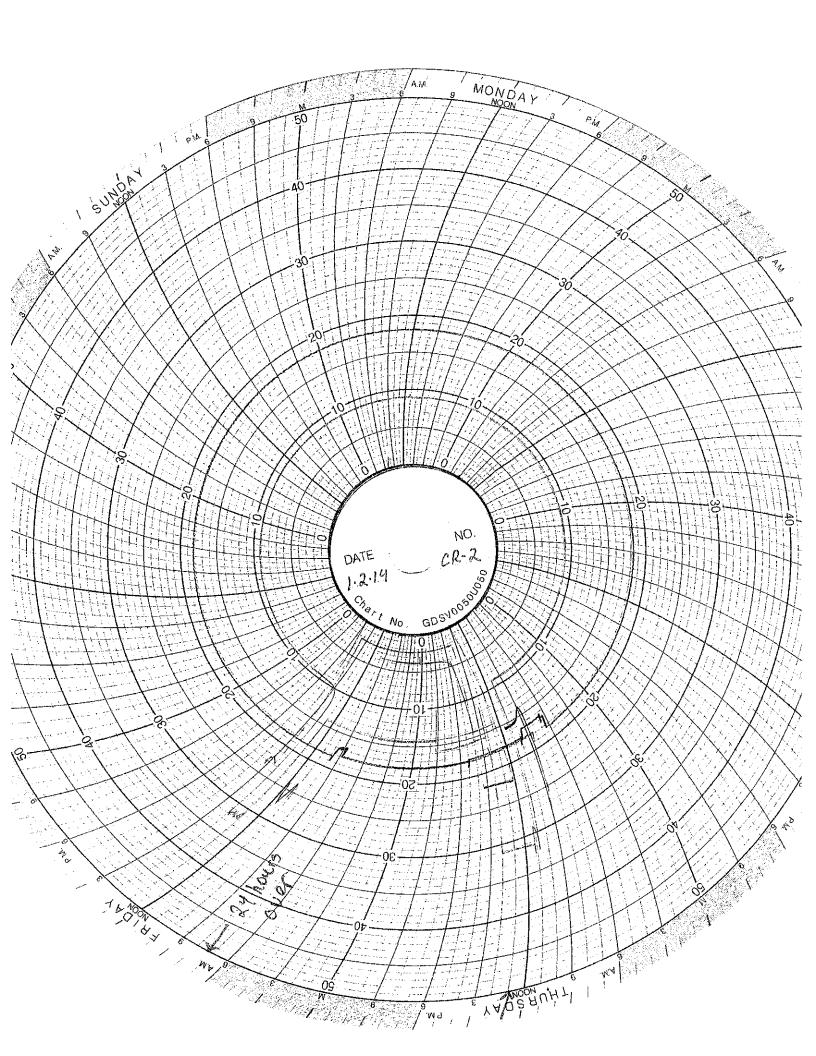
Red Pen – Well 1 Monthly Volume

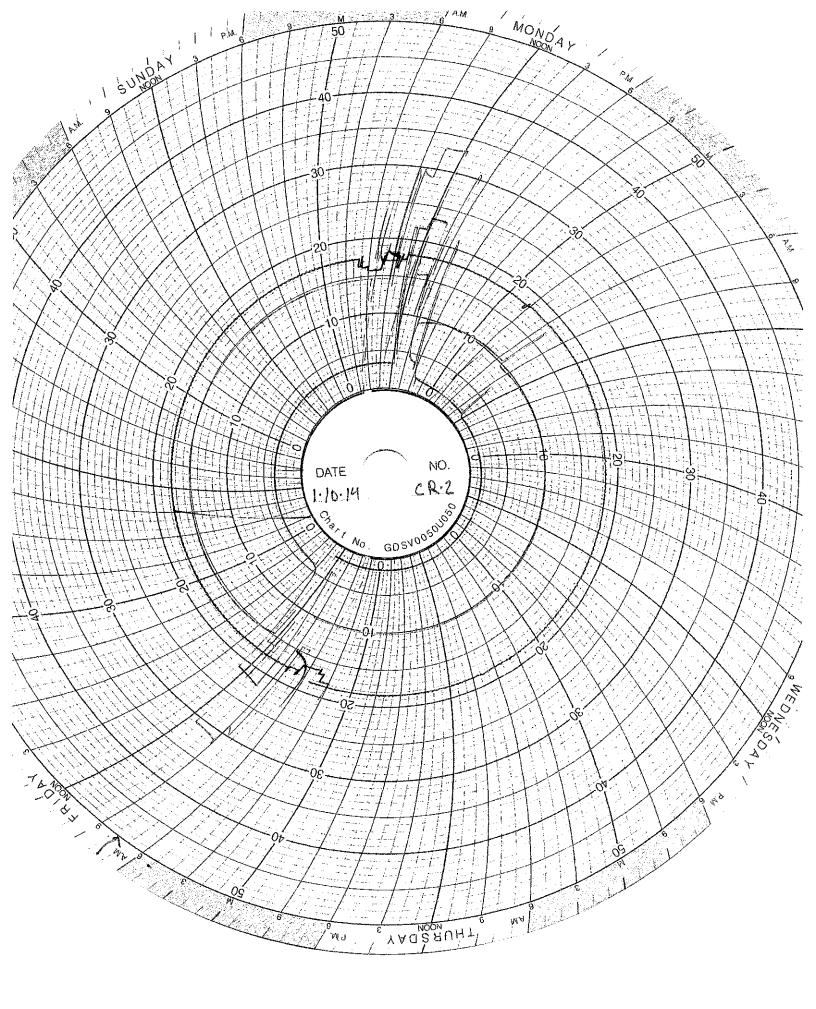
Channel #3

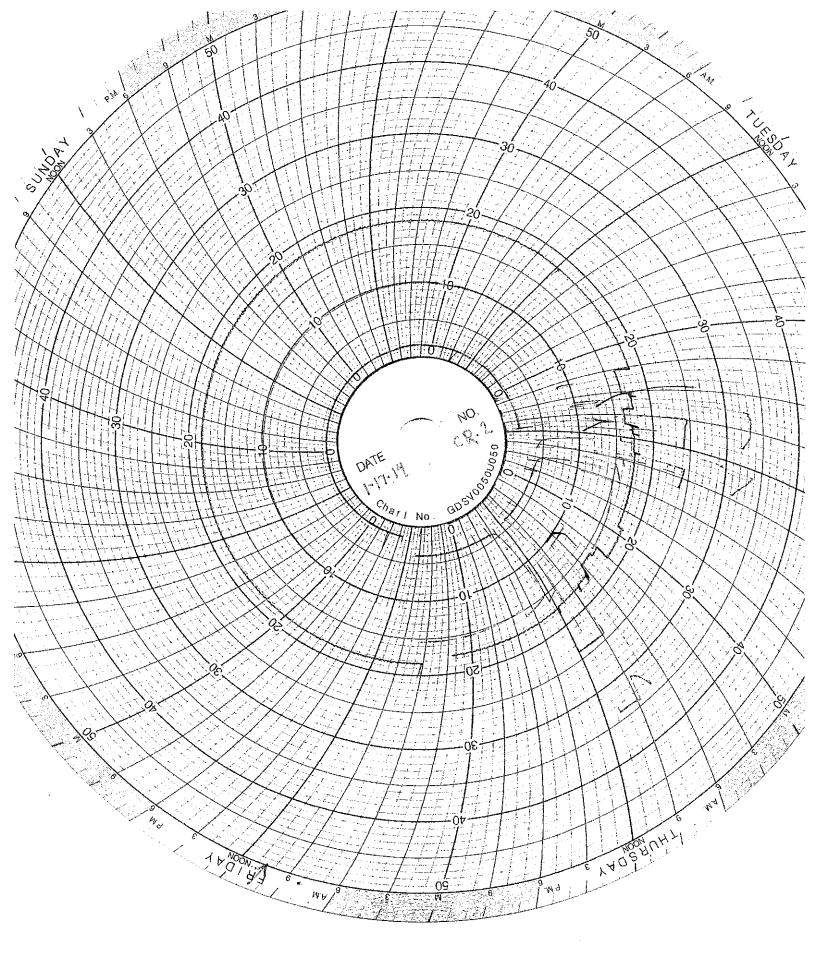
Green Pen – Well 2 Monthly Volume

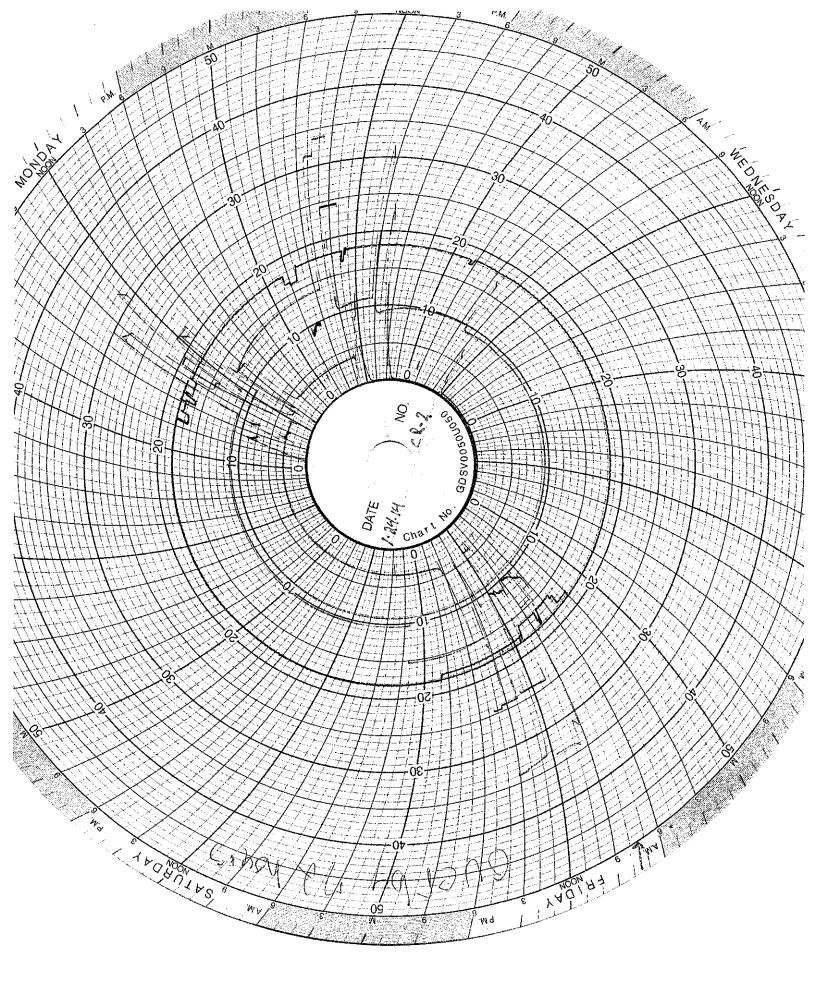
Channel #4

Black Pen - Temperature









CORR	OSION MONI	TORING	
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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.

GHESQUIERE PLASTIC TESTING, INC.

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

Report Date: November 15, 2013

Test Date: October 15 - November 14, 2013

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

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

RESULTS:

The following determination was made based upon the above test:

BARCOL HARDNESS

Hardness

Specimen 1

90

Specimen is being returned with this report for further evaluation.

M. M. A

M. W. Ghesquiere

President

MWG/kni

C TESTING, INC.

Date: 08/06/2013 Finerglass Coupon Pior to Maste Exposure W.: 7.309 Grams

0 N H 0

Hastelloy Coupon

Date: 08/06/2013

Wit: 13:330 Grains

Prior to Waste Exposure

CORROSION MONITORING COUPONS VISUAL DESCRIPTION

February	21,	201	3
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Fiberglass

No change from baseline observation.

Hastelloy

No change from baseline observation.

Stainless Steel

No change from baseline observation.

GHESQUIERE PLASTIC TESTING, INC.

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

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

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

Attention: Mr. Don Anderson

WORK REQUESTED:

Perform Barcol Hardness test on sample submitted.

DESCRIPTION OF SAMPLE:

Sample submitted was identified as a fiberglass test coupon.

(P. O. #Credit Card).

WORK PERFORMED:

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

1 1 Car 2 C

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:

Mitter with the control of the control of the

BARCOL HARDNESS

Specimen 1 90

(图 7) 2017 (ANTENDERS 2017 1993年代

भूगामधीर इन १८०० द्राह्म क्षात्रकार । असम । क्ष्रीमा, वश्चाप ।

LANGE CONTRACTOR SERVICE CONTRACTOR CONTRACT Specimen was returned to the client on February 17, 2014.

GHESQUIERE PLASTIC TESTING, INC.

THE PROPERTY OF TAILING EARLINGS OF THE

M. W. Chesquiere

President

MWG/dm



Fiberglass Coupon

Date: 2/21/14

Weight: 7.306 grams

(275)

Hastelloy Coupon

Date: 2/21/14

D: 0267(1)

Weight: 13.329 grams

り う い の ら N

Stainless Steel Coupon

Date: 2/21/14

ID: 316L/# C1562

Weight: 10.846 grams



UIC Monthly Maintenance Log

installed and insulated on both wellhead I & II.		
working so hard that they are tripping the circuit breakers. Heat trace was purchased,	Injection Well Heat Trace	1/28/2014
The weather has been so cold this winter that the heaters in the wellhead building are		
compliance conditions.		
constricted operations of well injections while still protecting operations from exceeding		
is changing operational presets for warning alarms and shut down alarms to allow less	Totalizers and Operational Set points	1/17/2014
rates are being recorded but total gallons accumulation are not recording. Additionally, UIC		
Utilities Instrumentation Services (UIS) is on site to get the flow totalizers operational. Flow		
to be rebuilt. Currently a threaded plug was installed in its place until the new piece is ready.		
the pipe to evaluate. The sample port was weeping from a threaded connection and needs	Well 2 Sample Port	1/8/2014
Well 2 sample port, existing on the discharge side of the injection pump, was removed from		

INJECTION FINGERPRINTS

Environmental Geo-Technologies, LLC.

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	RECEIVING & APPROV	AL FU	. KIAI]	
		1 - 7	-0/14		
-	Date	2000	03/14		
	Receiving ID#	1010	31901		
	Manifest# Line:			Company Com	~
	Land Ban Cert included	Yes	No	(e	
	EGT Approval #	A		The second secon	1 1
	Generator	EC	5 [`
	Client				
:	Transporter	,			1
	Time in				
	Time out		·		
-	Received by	5. H	1 4		f e
_	Sampled by		M		. •
					n tota seeka seeka Orio
	LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
	Compatible? (RT#)	(Yes)	No	Barium	
	PCBs (ppm)(Oily Waste				
	Only)?			Calcium	,
	TOC (ppm)(CC Waste Only)?			Total Iron	
-	Flash Point (°F)	> 1	<u> </u>	Magnesium	
-	pH (S.U.)	<i>S.</i>	11	Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
_	Specific Gravity		S	TDS .	487
	Physical Description			Resistivity	•
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
_	Temperature	(4	°F		
	Conductivity		.2 m 5		·
_	% Solids	(().		
	Turbidity	Yes	No		
	Color (visual)				
_	TSS (%)	(0.	. 1		
	Radiation Screen (as needed)		1 1		
	Lab Signature	100	RWA		

REC04-01 - Page 1

RECEIVING INFORMATION		M		
Date	T 201/	1111	· · ·	
Receiving ID#	1	11/17	· .	
Manifest# Line:	40100	11401		
Land Ban Cert included	Yes	No		
EGT Approval #	169	140		
Generator	86	7		
Client		1		
Transporter			H^{\perp}	ATIMA
Time in	1	· · · · · · · · · · · · · · · · · · ·	A SO A PARTY OF THE PARTY OF TH	44 Y
Time out			_	<i>f f</i>
Received by	TU	<u> </u>	-	
	18:11	 	4	
Sampled by	LNJAG			. '
LAB INFORMATION:				
All Waste Shipments:			Oilfield Brines Only:	
Compatible? (RT#)	Yes)	No	Barium	
PCBs (ppm)(Oily Waste			Darioni	
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	`		Total Iron	
Flash Point (°F)) [40	Magnesium	
pH (S.U.)	5,5		Sodium Chloride	
Cyanides? (mg/L)	:	-	Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.01		TDS	0.7%
Physical Description			Resistivity	7.7.
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	60°F			
Conductivity	13,4	mS		
% Solids	201			
Turbidity	Yes	No		
Color (visual)				
FSS (%)	40.1	··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··		
Radiation Screen (as needed)		N	•	
		5 1/		
ab Signature	1.0	\mathcal{L}	L	

Environmental Geo-Technologies, LLC.

RECEIVING & APPRO	VAL FOR	SM .
RECEIVING INFORMATION		
Date	01/1	0/14
Receiving ID#	I Olio	1401
Manifest# Line:		
Land Ban Cert included	Yes	No
EGT Approval#	A	
Generator	EG	Ţ
Client		
Transporter		
Time in		
Time out		
Received by	STIT	<i>l</i>
Sampled by	N	7

COPY

LAB INFORMATION: All Waste Shipments:				Olisiata Diago Onto	
Compatible? (RT#)	(Yes)	. 17 (1.)	No	Oilfield Brines Only:	
PCBs (ppm)(Oily Waste	1 (103)		140	Danum	
Only)?		•		Calcium	
TOC (ppm)(CC Waste Only)?	,			Total Iron	
Flash Point (°F)	>	14	0	Magnesium	
pH (S.U.)	6,	33		Sodium Chloride	
Cyanides? (mg/L)				Bicarbonate	
Sulfides? (ppm)	÷			Carbonate	
Specific Gravity	1.0)		TDS	(0.17.
Physical Description				Resistivity	
Stream Consistency	Yes		No	Sulfate	
Oil in Sample	Yes		No		
Temperature	6	Za	F		
Conductivity	1.5	5 m	5		
% Solids	くっ				
Turbidity	Yes		No		•
Color (visual)				·	
TSS (%)	ζ_{c}), }			
Radiation Screen (as needed)					
Lab Signature	1	P	10	dr	

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	B. E. D. S. THE AND DESCRIPTION	Mario Berlin, a paga papaa gaga.	onskringer i serieta, eta	e de abbreviarios y miserios, el consistence, con motor actividad en commitmente en ma
RECEIVING & APPRO		Wi	7	
RECEIVING INFORMATION				
Date	01/17	3/14		
Receiving ID#	I 0(13	1401		
Manifest# Line:				
Land Ban Cert included	Yes	No		a struct
EGT Approval #	A			
Generator	86T			* . <i>/</i>
Client			,	•
Transporter			1	
Time in				· · · · · · · · · · · · · · · · · · ·
Time out			7	e e e e e e e e e e e e e e e e e e e
Received by	J. H.			
Sampled by	1 9 1 C	}	-	ş - *
Сиприс Бу	トンタ		<u> </u>	
LAB INFORMATION:				
All Waste Shipments:			Oilfield Brines Only:	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste	3			
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)) 140	<u> </u>	Magnesium	
pH (S.U.)	6.7		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.01		TDS	40.1
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	55			
Conductivity	1.4 0	5		
% Solids	(01			
Turbidity	Yes	No		
	1	· · · · · · · · · · · · · · · · · · ·		
Color (visual)	i i			
	(0.1			
Color (visual)	(0.1	A		
Color (visual) TSS (%)	(0.1	7		

Environmental Geo-Technologies, LLC.

	RECEIVING & APPRO	VAL FORM
	RECEIVING INFORMATION	
_	Date	01/13/14
	Receiving ID#	1 01/3/402
	Manifest# Line:	
	Land Ban Cert included	Wes No
	EGT Approval #	Δ
	Generator	E/5T
	Client	
	Transporter	
	Time in	
	Time out	
-	Received by	5/1,
-	Sampled by	1HB

Copy

All Waste Shipments: Compatible? (RT#)	(Yes)	No	Oilfield Brines Only:	
PCBs (ppm)(Oily Waste	168	NO	Barium	
Only)?	A.A.		Calcium	
TOC (ppm)(CC Waste Only)?		·	Total Iron	*
Flash Point (°F)	5 14	10	Magnesium	
pH (S.U.)	.5.0		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.67		TDS	3.27
Physical Description			Resistivity	0.01
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	649			
Conductivity	65.5	· 10 5		
% Solids	201			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	<0.1			
Radiation Screen (as needed)	<u></u>	A	Λ	
_ab Signature	IAP	101	1	

RECEIVING & APPROV	/AL FOR	M	_	
RECEIVING INFORMATION	是十类的			
Date	01/1	1//4		* • • · ·
Receiving ID#	10/14	/4 ni		
Manifest# Line:				
Land Ban Cert included	Yes	No		•
EGT Approval #				
Generator				
Client] ,	
Transporter				
Time in				ceived
Time out			1/-/4	·14 8 12 6 P
Received by	JH			
Sampled by	NA	オ	1	
Campica by			_l	
LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
Compatible? (RT#)	Yes	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	· · · · · · · · · · · · · · · · · · ·
TOC (ppm)(CC Waste Only)?	1		Total Iron	
Flash Point (°F)	T 7	<i>D</i>	Magnesium	
pH (S.U.)	6.1	0	Sodium Chloride	
Cyanides? (mg/L)	<u> </u>		Bicarbonate	
Sulfides? (ppm)			Carbonate	
- Specific Gravity	1.00)	TDS	0.2 %
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	61	°F		
Conductivity	3.0	<u> </u>		
% Solids	(0.)		
Turbidity	Yes	No		
Color (visual)				
TSS (%)	(40.)			
Radiation Screen (as needed)				
Lab Signature	LA	2/		
		, / 0		
/	/ REC	04-01 — Pa	ge 1	•

	RECEIVING & APPROV		A		
	RECEIVING INFORMATION		3		
-	Date	01/15	114		
	Receiving ID#	I 01/15	401		
	Manifest# Line:				
	Land Ban Cert included	Yes	No		
	EGT Approval#	A			
	Generator	EGT			· ·
	Client				
į	Transporter				
	Time in				<u>ceived</u>
	Time out	<u> </u>			
-	Received by	7,17			¥ p
	Sampled by	NA	·~		
	LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
	Compatible? (RT#)	Yes	No	Barium	
ſ	PCBs (ppm)(Oily Waste				
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?			Total Iron	
-	Flash Point (°F)	> 140		Magnesium	
L	pH (S.U.)	1.2		Sodium Chloride	
L	Cyanides? (mg/L)	-		Bicarbonate	
	Sulfides? (ppm)			Carbonate	
·L	Specific Gravity	1.16		TDS	1.7%
	Physical Description			Resistivity	
~	Stream Consistency	Yes	No	Sulfate	
L	Oil in Sample	Yes	No		
L	Temperature	65°f			
L	Conductivity	230.5	~ 5	· · · · · · · · · · · · · · · · · · ·	
L	% Solids	< 0.1			
Ţ.	Turbidity	Yes	No		
L	Color (visual)				
Ľ	TSS (%)	< 0.1			
	Radiation Screen (as needed)		۸	٨	
l	variation ocieen (as needed)				

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

	 Control of the magnetic region of the product of the control of the	and the second of the second o	egot, ji egogetini. 1 i ya meninini ew	_	
	RECEIVING & APPROV	AL FOR	M	_	
	RECEIVING INFORMATION				
#DD	Date	01/1	7/14		
	Receiving ID#	0117	1401		
	Manifest# Line:				
	Land Ban Cert included	Yes	No		
	EGT Approval #	ħ			teag
	Generator	EGT			
	Client				
	Transporter				
	Time in				
	Time out				, ,
-	Received by	2.4%			* *
_	Sampled by	9 42			, •
- 1	Campica by	1 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	j	
	LAB INFORMATION:				
	All Waste Shipments:			Oilfield Brines Only:	
	Compatible? (RT#)	(Yes)	No	Barium	
	PCBs (ppm)(Oily Waste	· ·			
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?	-		Total Iron	
-	Flash Point (°F)	7 - 14	<u>6</u>	Magnesium	
-	pH (S.U.)	3.3		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	`
	Sulfides? (ppm)			Carbonate	3 3 6 7
	Specific Gravity	1.01		TDS	1 < 0.17
	Physical Description			Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No_		
	Temperature	010	F		
-	Conductivity		<u>5 m S</u>		
~	% Solids	< O.			
	Turbidity	Yes	No		
	Color (visual)				
-	TSS (%)	(0.		<u> </u>	
Į	Radiation Screen (as needed)				
_ [Λ	PI	De	
-	Lab Signature	1	5 () .l	XX IV	

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ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM RECEIVING INFORMATION Date Receiving ID# 11 0170 Manifest# Line: Land Ban Cert included Yes No EGT Approval # EGT Generator Client Transporter Time in Time out Received by Sampled by LAB INFORMATION: Oilfield Brines Only: All Waste Shipments: Compatible? (RT# Yes Barium No PCBs (ppm)(Oily Waste Only)? Calcium TOC (ppm)(CC Waste Only)? Total Iron 40 Magnesium Flash Point (°F) pH (S.U.) Sodium Chloride Cyanides? (mg/L) **Bicarbonate** Sulfides? (ppm) Carbonate 6.02 06 TDS Specific Gravity Resistivity **Physical Description** Yes Stream Consistency No Sulfate Oil in Sample Yes No 64°F Temperature Conductivity 60.1 % Solids Yes **Turbidity** No Color (visual) 60.1 TSS (%) Radiation Screen (as needed) Lab Signature REC04-01 - Page 1

Environmental Geo-Technologies, LLC.

RECEIVING & APPROVAL FORM RECEIVING INFORMATION Date OI/21/III Receiving ID# Manifest# Line: Land Ban Cert included Yes No EGT Approval # Generator Client Transporter Time in Time out

Received by Sampled by



LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste	AND AND AD S			
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?	<u> </u>		Total Iron	
Flash Point (°F)	> !	40	Magnesium	
pH (S.U.)	6.8		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.0)	TDS	0.2%
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	56	F		
Conductivity	3.4 ^			
% Solids	< 0,1			
Turbidity	Yes	No		
Color (visual)	····			
TSS (%)	(0.)		
Radiation Screen (as needed)		. ^		
Lab Signature	IQ.	K)V		

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

	RECEIVING INFORMATION				
-	Date	01/21	114		
	Receiving ID#	101211	402		
	Manifest# Line:				
	Land Ban Cert included	Yes	No		
	EGT Approval #	A			
	Generator	865			
	Client				
	Transporter				
	Time in				
	Time out				
-	Received by	J.H.			
	Sampled by	I W M			



	LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
	Compatible? (RT#)	Yes	No	Barium	
	PCBs (ppm)(Oily Waste	S. S			
	Only)?			Calcium	
	TOC (ppm)(CC Waste Only)?		\	Total Iron	
	Flash Point (°F)	> 140		Magnesium	
_	pH (S.U.)	13.2		Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.02		TDS	217
	Physical Description	-		Resistivity	
	Stream Consistency	Yes	No	Sulfate	
	Oil in Sample	Yes	No		
-	Temperature	650	F		
	Conductivity	42.0	-5		
-	% Solids	201	,		
Ì	Turbidity	Yes	No		9
	Color (visual)				
-	TSS (%)	(0.1			
ļ	Radiation Screen (as needed)		. /	/ /	
	Lab Signature	16	16	H '	

Environmental Geo-Technologies, LLC.

	RECEIVING & APPROV	AL FORM	
	RECEIVING INFORMATION		
-	Date	01/27	114
4	Receiving ID#	[0122	1401
	Manifest# Line:		
	Land Ban Cert included	Yes	No
	EGT Approval #		
	Generator		
	Client		
	Transporter		
	Time in		
	Time out		
-	Received by	7.1	
_	Sampled by	MCE	

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	LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
	Compatible? (RT#)	(Yes)	No	Barium	
	PCBs (ppm)(Oily Waste Only)?	is a second		Calcium	÷
	TOC (ppm)(CC Waste Only)?	1		Total Iron	
_	Flash Point (°F)	> 10	10	Magnesium	
	pH (S.U.)	12.5	3	Sodium Chloride	
	Cyanides? (mg/L)			Bicarbonate	
	Sulfides? (ppm)			Carbonate	
-	Specific Gravity	1.01		TDS	0.4%
	Physical Description			Resistivity	
	Stream Consistency	Yes⊸	No	Sulfate	
	Oil in Sample	Yes	No		
_	Temperature	55	of .		
	Conductivity	7.7	~ 5		
	% Solids	< 0). I		
	Turbidity	Yes	No		4
	Color (visual)				
-	TSS (%)	(0.	Ì		
	Radiation Screen (as needed)	Δ	/		
~	Lab Signature		86), (A)L	

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	RECEIVING & APPROV	AL FOR	SW.		
	RECEIVING INFORMATION				
_	Date	01/2	4/14		
	Receiving ID#	01/2	41401		
	Manifest# Line:			**	
	Land Ban Cert included	Yes	No		
	EGT Approval #	A	_	6796	
	Generator	EG	T	4.0) PY
	Client				
	Transporter				
	Time in				
l	Time out	-			4
~	Received by	J:	/).		
_	Sampled by			<i>f</i> .	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
· L	Cumpica by	<u> </u>			
	LAB INFORMATION:	:			
	All Waste Shipments:	,		Oilfield Brines Only:	
	Compatible? (RT#)	(Yes)	No	Barium	
	PCBs (ppm)(Oily Waste	Contraction of the Contraction o	b.	0-1-1	r.
-	Only)?	!		Calcium	
}	TOC (ppm)(CC Waste Only)?		1110	Total Iron	
-	Flash Point (°F)	7 0 (140	Magnesium Sodium Chloride	
-	pH (S.U.)	10.6)	Bicarbonate	
ŀ	Cyanides? (mg/L)	·			
1	Sulfides? (ppm)	1 2		Carbonate TDS	20.17
	Specific Gravity	1,00	<u> </u>	Resistivity	00111
-	Physical Description	Yes	No	Sulfate	
}	Stream Consistency		No	Sullate	
	Oil in Sample	Yes	7 0 +		
~	Temperature	1.3	<u> </u>		
_	Conductivity	20	\sim		
^	% Solids	·	, I No		
	Turbidity	Yes	NO	, , , , , , , , , , , , , , , , , , , ,	
	Color (visual)	20	<u> </u>		
_	TSS (%)		· · ·	A 1	
	Radiation Screen (as needed)		$\overline{}$	1/\	<u> </u>
.	Lab Signature		- J. J.	124	
		- Pr	C04-01 – Pa	re 1	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

	RECEIVING & APPROVA	AL FOI	RM.			
	RECEIVING INFORMATION					•
-	Date	01/2	24/14			
- 1—	Receiving ID#	012	4/14	57		
_	Manifest# Line:					
-	Land Ban Cert included	Yes	No			
F	EGT Approval #					
F	Generator Generator					
}	Client		······································		Y	
ŀ	Transporter					
}	Time in					2
-	Time out		<u> </u>			*
ŀ		TJ	1			
-	Received by		/ i			n t
- [Sampled by	<u> </u>			K.	
ſ	LAB INFORMATION:					
	All Waste Shipments:	1			Oilfield Brines Only:	
ſ	Compatible? (RT#)	Yes,	N	0	Barium	
ſ	PCBs (ppm)(Oily Waste	The same of		-	C-laium	,
	Only)?	y			Calcium	
	TOC (ppm)(CC Waste Only)?		1114		Total Iron	
-	Flash Point (°F)	}/	40		Magnesium Chlorido	
-	pH (S.U.)	13	<u>.5</u>		Sodium Chloride	
	Cyanides? (mg/L)				Bicarbonate	
	Sulfides? (ppm)	<u> </u>			Carbonate	1.27
-	Specific Gravity	1,1	21		TDS	1:27.
	Physical Description				Resistivity	
	Stream Consistency	Yes		do	Sulfate	
	Oil in Sample	Yes		VO_		
	Temperature	50				
	Conductivity	2	<u>3.7.^</u>	<u> </u>		
	% Solids		<u> </u>			
	Turbidity	Yes	<u> </u>	<u>lo</u>		
	Color (visual)					
_	TSS (%)	_ <	0.1			
	Radiation Screen (as needed)			\		
).	X	
-	Lab Signature		(0	10	/\	
			REC04-0	1 – Pa	ge 1	

Environmental Geo-Technologies, LLC.

				_	
	RECEIVING & APPROV	AL FORW	A	_	
	RECEIVING INFORMATION		•		
_	Date	01/27/	114	-1	
	Receiving ID#	101271	401		
	Manifest# Line:				
	Land Ban Cert included	Yes	No		
	EGT Approval #	A			
	Generator	EGT			
	Client			·	
	Transporter				
	Time in				
	Time out				, p
	Received by				
	Sampled by	1 And	-	<i>*.</i>	· .
	LAB INFORMATION: All Waste Shipments:	**************************************		Oilfield Brines Only:	
	All Waste Shipments:	(Yes)	No	Oilfield Brines Only: Barium	
			No	Barium	
	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)?		No	Barium Calcium	
	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)?	(Yes)		Barium Calcium Total Iron	
**	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F)	Yes	No No	Barium Calcium Total Iron Magnesium	
	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.)	(Yes)		Barium Calcium Total Iron Magnesium Sodium Chloride	
-	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L)	Yes		Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate	
_	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm)	Yes 14	0	Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate Carbonate	
-	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm). Specific Gravity	Yes	0	Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate Carbonate TDS	0.27.
4	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm) Specific Gravity Physical Description	/Yes / 14 12.3	0	Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate Carbonate TDS Resistivity	
	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm) Specific Gravity Physical Description Stream Consistency) [4 12.3 1.00	No	Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate Carbonate TDS	
-	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm). Specific Gravity Physical Description Stream Consistency Oil in Sample	Yes 1.00 Yes Yes	No No	Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate Carbonate TDS Resistivity	
-	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm) Specific Gravity Physical Description Stream Consistency Oil in Sample Temperature	Yes 1.00 Yes Yes Yes	No	Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate Carbonate TDS Resistivity	
	All Waste Shipments: Compatible? (RT#) PCBs (ppm)(Oily Waste Only)? TOC (ppm)(CC Waste Only)? Flash Point (°F) pH (S.U.) Cyanides? (mg/L) Sulfides? (ppm). Specific Gravity Physical Description Stream Consistency Oil in Sample	Yes 1.00 Yes Yes	No No	Barium Calcium Total Iron Magnesium Sodium Chloride Bicarbonate Carbonate TDS Resistivity	

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No

Yes

Turbidity

Color (visual) TSS (%)

Lab Signature

Radiation Screen (as needed)

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVA	AL FORM		
RECEIVING INFORMATION	106		
Date	01/27/14		
Receiving ID#	ON271402	-	
Manifest# Line:			•
Land Ban Cert included	Yes No		DEW -
EGT Approval #	<u> </u>		
Generator	EGT		
Client		`	
Transporter			
Time in			1 1
Time out			Υ
Received by	oth 1		. 1
Sampled by	a) A/r		
Gampied by			
LAB INFORMATION:		our to Direct Only	
All Waste Shipments:		Oilfield Brines Only:	
Compatible? (RT#)	Yes No	Barium	
PCBs (ppm)(Oily Waste		Calcium	
Only)?		Total Iron	
TOC (ppm)(CC Waste Only)?	> 140	Magnesium	
Flash Point (°F)	170	Sodium Chloride	
- pH (S.U.)	0,3	Bicarbonate	
Cyanides? (mg/L)		Carbonate	
Sulfides? (ppm)	1.07	TDS	6.27
- Specific Gravity	1.07	Resistivity	
Physical Description		lo Sulfate	
Stream Consistency	1.00	io Gunate	
Oil in Sample	Yes N	0	
- Temperature		5	
- Conductivity	122, 14	. >	
- % Solids	Yes N		•
Turbidity	Yes N	0	
Color (visual)	< 0.1		
- TSS (%)	(0.1		
Radiation Screen (as needed)	1-1-	1/1/1	
	I	1411	
Lab Signature	1 10 0 ·	N	
	/ / REC04-01	L – Page 1	

ENVIRONMENTAL GEO-TECHNOLOGIES, LLC.

RECEIVING & APPROVAL FORM

	RECEIVING INFORMATION	
-	Date	01/28/14
	Receiving ID#	10/28/1401
	Manifest# Line:	
	Land Ban Cert included	Yes No
	EGT Approval#	A
	Generator	EGT
	Client	
	Transporter	
ļ	Time in	
	Time out	
	Received by	J.H.
.	Sampled by	NA



LAB INFORMATION: All Waste Shipments:			Oilfield Brines Only:	
Compatible? (RT#)	(Yes)	No	Barium	
PCBs (ppm)(Oily Waste				
Only)?			Calcium	
TOC (ppm)(CC Waste Only)?			Total Iron	
Flash Point (°F)		10	Magnesium	
pH (S.U.)	4.3		Sodium Chloride	
Cyanides? (mg/L)			Bicarbonate	
Sulfides? (ppm)			Carbonate	
Specific Gravity	1.03	:	TDS	2.37.
Physical Description			Resistivity	
Stream Consistency	Yes	No	Sulfate	
Oil in Sample	Yes	No		
Temperature	52°F			
Conductivity	45.6	5		
% Solids	(0.1			
Turbidity	Yes	No		
Color (visual)				
TSS (%)	601			
Radiation Screen (as needed)	. 1		À	
Lab Signature	I.P	12	P	

WASTE STREAMS CHARACTERIZATIONS