CATHAY *DEEP WELL DISPOSAL* LLC
4901 Evans Ave.
Valparaiso, IN 46383

CATHAY
PIGMENTS
USA

United States Environmental Protection Agency
WU - 16 - J
77 West Jackson Boulevard
Chicago, IL 60604-3590

RECEIVED
OCT 04 2006
UIC BRANCH
EPA REGION 5

Attn.: Director, UIC Branch, Direct Implementation

RE: Monthly Operating Report for Injection Wells
IN-127-1I-C007
IN-127-1I-C008

September 2006

Dear Sir/Madam:

Attached are the monthly operating reports for Cathay Deep Well Disposal LLC at Valparaiso, Indiana for the month of August 2006. Both wells were in service the full month.

No effluent limitations were exceeded. In addition to source 1 fluid generated by the ISK facility, injected fluid consisted of sources itemized in Page 2.

Permit limits for annulus pressure, injection pressure and annulus tubing differential were not exceeded. There was no non-compliance, there were no unplanned events that triggered an alarm or automatic shut down device in this reporting period.

Annulus fluid levels are reported as percentage full in the storage tanks. Annulus fluid tabulation is in gallons. Temperatures are in degrees F.

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.

Respectfully,

for Martin Edison
CEO

Prepared by: R. F. Trapp, IN class D #12652

United States Environmental Protection Agency
WU - 16 - J
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attn.: Director, UIC Branch, Direct Implementation

RE: Monthly Operating Report for Injection Wells
IN-127-1I-C007
IN-127-1I-C008

Source 9 - 136,500 gallons

Source 10 - 43,300 gallons

Source 16 - 32,612 gallons

Source 21 - 234,110 gallons

Source 23 - 126,649 gallons

Source 25 - 5,500 gallons

Source 26 - 19,500 gallons

Source 32 - 77,594 gallons

CATHAY DEEP WELL DISPOSAL
4901 Evans Avenue
Valparaiso, IN 46383

Permit No. IN127-11-C007
Outfall/ Fac. No. 001
Month/Year Aug-06

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	422.2	34.6	596.9	237.4	91.3	1.0063	115,744	24.0	80.4
2	376.1	34.1	571.0	232.5	92.6	1.0071	81,440	24.0	56.6
3	380.5	34.6	605.0	225.6	90.2	1.0076	19,968	4.4	75.6
4	451.4	33.9	651.0	225.3	86.4	1.0061	132,704	18.4	120.1
5	445.2	33.4	222.4	225.1	86.1	1.0097	85,504	14.8	96.1
6	422.8	34.3	472.6	225.3	91.7	1.0081	65,792	24.0	45.7
7	368.4	33.6	228.0	225.1	89.1	1.0053	61,184	23.3	43.8
8	460.2	33.1	214.8	225.1	86.6	1.0047	93,664	16.5	94.4
9	424.0	34.3	581.4	225.5	88.1	1.0079	111,232	24.0	77.2
10	459.2	32.3	215.3	224.7	84.0	1.0064	73,376	12.3	99.6
11	466.6	33.9	239.8	225.3	83.0	1.0058	153,248	23.3	109.8
12	388.8	34.4	577.7	225.4	85.2	1.0067	85,216	24.0	59.2
13	363.3	34.1	538.2	225.4	89.9	1.0076	59,200	24.0	41.1
14	419.3	33.6	527.7	225.5	85.8	1.0073	75,456	24.0	52.4
15	421.1	33.9	566.3	231.3	85.8	1.0071	101,728	24.0	70.6
16	496.9	34.2	215.3	224.7	86.3	1.0072	118,912	15.6	127.0
17	499.2	34.1	229.9	224.7	85.2	1.0079	165,280	23.0	119.6
18	497.6	34.1	694.7	227.2	84.8	1.0067	154,944	24.0	107.6
19	455.3	33.9	651.0	225.3	86.4	1.0057	127,264	24.0	88.4
20	453.6	34.0	616.3	225.6	87.0	1.0043	106,624	24.0	74.0
21	453.6	34.0	616.3	225.6	87.0	1.0062	106,624	24.0	74.0
22	443.0	33.9	630.4	226.3	87.0	1.0074	86,816	22.9	63.2
23	443.0	32.4	630.4	226.3	87.0	1.0045	86,816	22.9	63.2
24	548.1	32.8	222.5	225.2	82.3	1.0075	136,960	20.0	114.1
25	467.6	32.7	222.1	225.0	80.1	1.0143	21,856	3.2	113.8
26	455.5	33.8	215.3	225.0	79.9	1.0101	51,392	8.0	107.1
27	461.3	33.5	215.1	225.0	79.2	1.0080	27,744	4.2	111.0
28	459.2	32.9	215.4	225.0	78.9	1.0039	57,024	12.4	77.0
29	460.3	34.7	222.2	225.0	74.6	1.0039	28,576	4.2	113.4
30	473.7	34.3	401.9	226.2	79.2	1.0082	119,232	23.9	83.0
31	386.6	34.5	558.1	226.7	79.9	1.0034	79,648	24.0	55.3
	MAX	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	548.1	33.8	214.8	224.7	85.2	1.0068	2,791,168	585.3	84.3

Min dP: Daily similtainous minimum annulus and injection pressure differentials

	Gallons
Monthly	2,791,168
Year to date	21,729,853
Lifetime	808,461,581

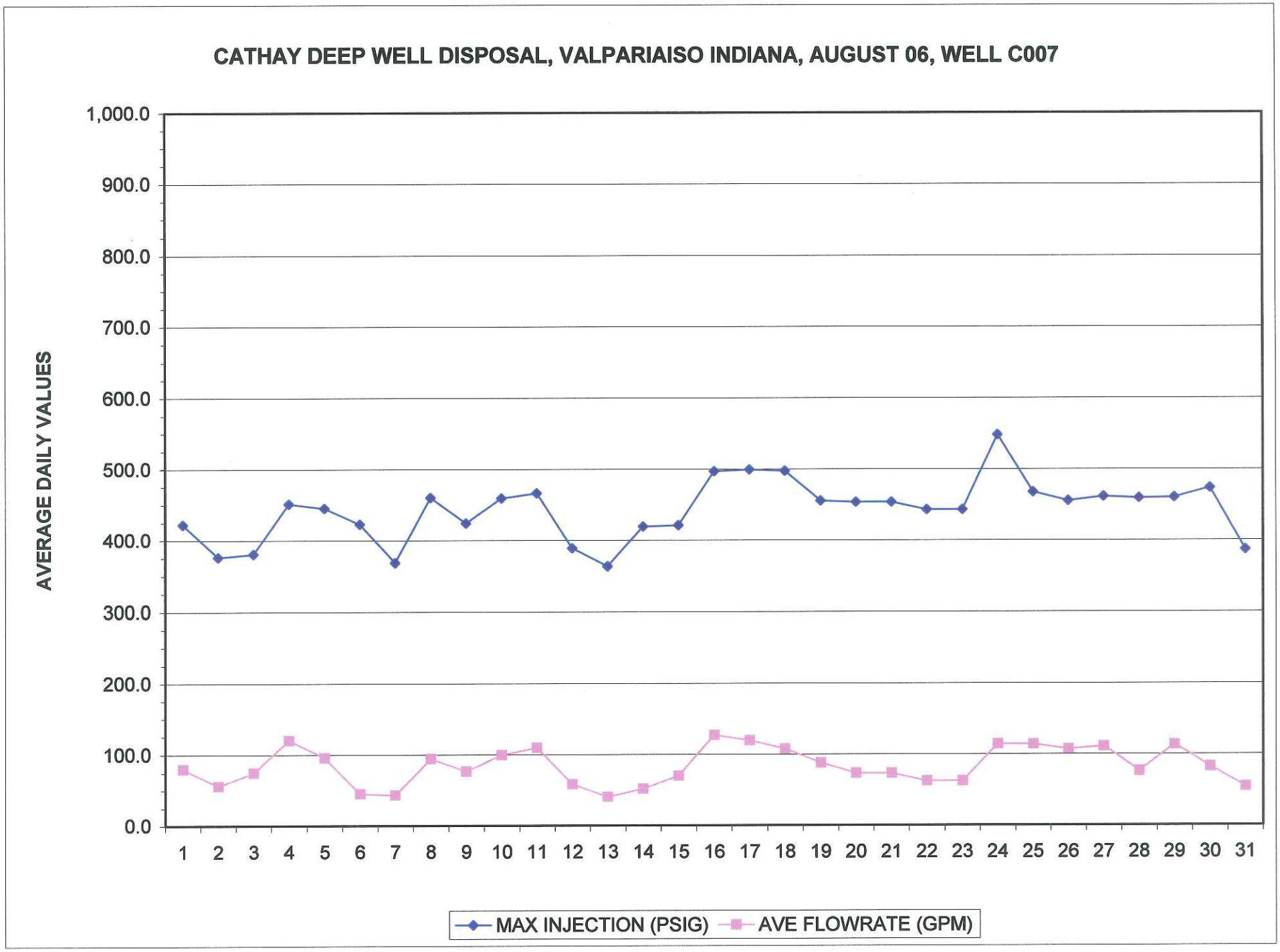
CATHAY DEEP WELL DISPOSAL
4901 Evans Avenue
Valparaiso, IN 46383

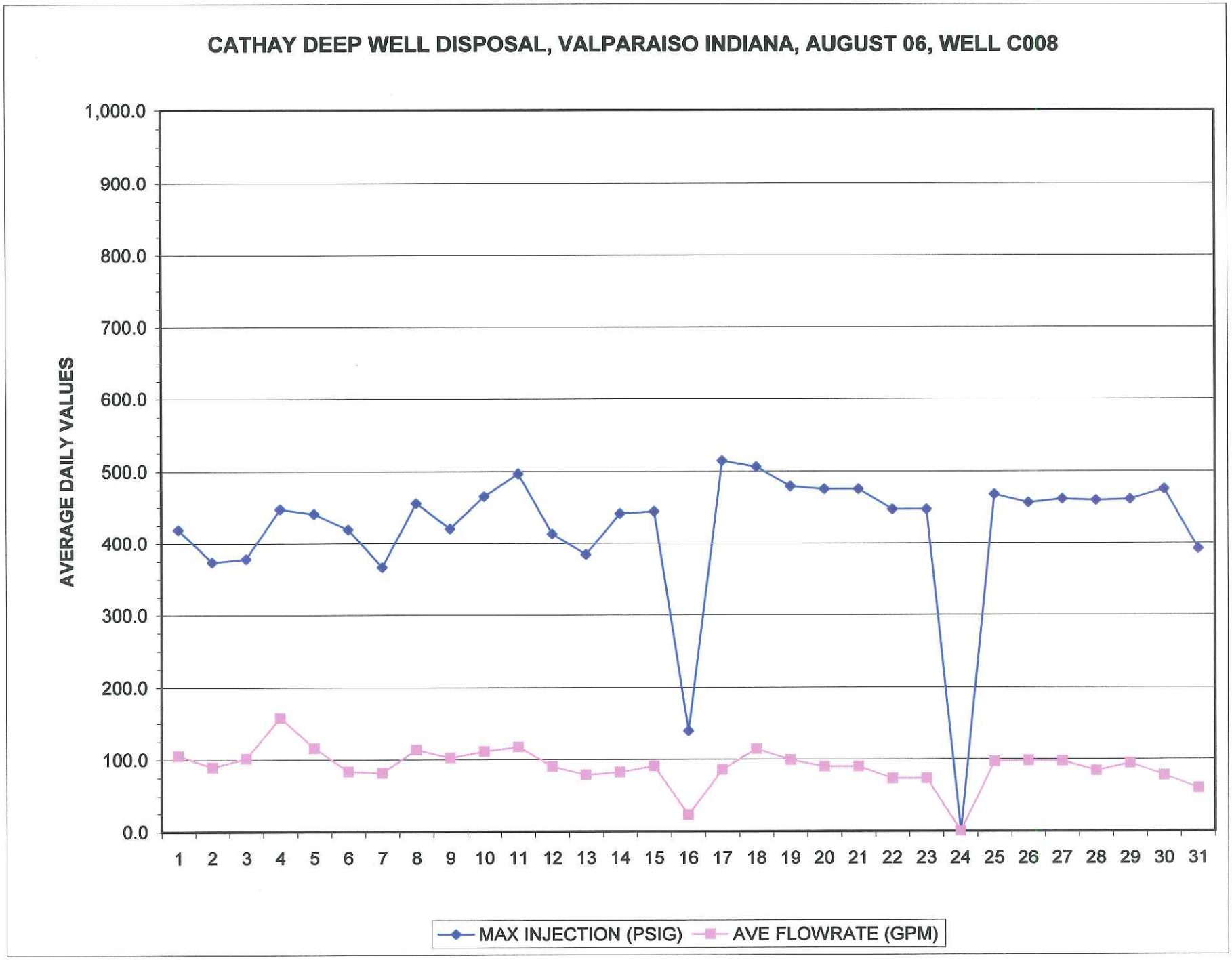
Permit No. IN127-11-C008
Outfall/ Fac. No. 001
Month/Year Aug-06

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	419.3	77.1	604.0	246.0	91.3	1.0063	152,256	24.0	105.7
2	374.1	78.5	564.6	225.3	92.6	1.0071	129,152	24.0	89.7
3	378.4	78.0	604.2	225.8	90.2	1.0076	26,944	4.4	102.1
4	447.7	77.6	711.0	236.1	84.8	1.0061	175,296	18.5	157.9
5	441.2	76.3	214.3	224.8	86.1	1.0097	105,664	15.2	116.1
6	419.7	78.0	479.2	225.9	91.7	1.0081	120,768	24.0	83.9
7	366.8	77.8	253.8	206.7	89.1	1.0053	113,984	23.3	81.5
8	455.9	76.0	214.6	225.1	86.6	1.0047	115,392	16.9	113.6
9	420.4	77.2	586.5	225.5	88.1	1.0079	147,904	24.0	102.7
10	465.5	69.0	215.3	224.7	84.0	1.0064	87,296	13.1	111.3
11	496.8	69.4	288.6	224.2	83.0	1.0058	167,936	23.8	117.7
12	413.4	70.4	603.4	230.5	85.2	1.0067	130,048	24.0	90.3
13	384.3	69.4	556.6	226.3	89.9	1.0076	113,792	24.0	79.0
14	441.4	69.7	559.0	227.4	85.8	1.0073	118,912	24.0	82.6
15	444.6	69.5	579.0	232.7	85.8	1.0071	130,880	24.0	90.9
16	139.4	69.6	215.3	224.7	86.3	1.0072	22,400	15.9	23.5
17	514.5	69.0	254.4	215.5	85.2	1.0079	121,664	23.6	86.0
18	506.2	69.4	711.0	236.1	84.8	1.0067	164,992	24.0	114.6
19	479.4	69.7	666.3	228.7	86.4	1.0057	143,040	24.0	99.3
20	475.7	69.5	628.3	227.7	87.0	1.0043	129,792	24.0	90.1
21	475.7	69.6	628.3	227.7	87.0	1.0062	129,792	24.0	90.1
22	447.1	69.0	639.1	226.4	87.0	1.0074	101,248	22.9	73.7
23	447.1	69.4	639.1	226.4	87.0	1.0045	101,248	22.9	73.7
24	0.0	70.4	168.8	155.6	82.3	1.0075	0	0.0	0.0
25	468.0	69.4	228.2	226.2	80.1	1.0143	20,160	3.5	96.9
26	456.5	69.7	216.0	225.0	79.9	1.0101	48,000	8.2	98.2
27	461.6	69.5	215.8	225.0	79.2	1.0080	26,816	4.6	97.5
28	459.9	69.6	219.3	225.0	78.9	1.0039	64,640	12.8	83.9
29	461.2	69.0	219.5	223.4	74.6	1.0039	27,392	4.8	94.5
30	475.7	69.4	413.2	225.6	79.2	1.0082	111,872	24.0	77.7
31	392.2	70.4	560.3	225.7	79.9	1.0034	86,464	24.0	60.0
	MAX	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	514.5	72.6	168.8	155.6	85.1	1.0068	3,135,744	570.3	89.8

Min dP: Daily simultaneous minimum annulus and injection pressure differentials

	Gallons
Monthly	3,135,744
Year to date	26,717,272
Lifetime	782,593,431


CATHAY DEEP WELL DISPOSAL, VALPARIAISO INDIANA, AUGUST 06, WELL C007
AVERAGE DAILY VALUES
1,000.0
900.0
800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MAX INJECTION (PSIG)
AVE FLOWRATE (GPM)


CATHAY DEEP WELL DISPOSAL, VALPARAISO INDIANA, AUGUST 06, WELL C008
AVERAGE DAILY VALUES
1,000.0
900.0
800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
MAX INJECTION (PSIG)
AVE FLOWRATE (GPM)

CATHAY DEEP WELL DISPOSAL
Evans Avenue
Valparaiso, Indiana 46383

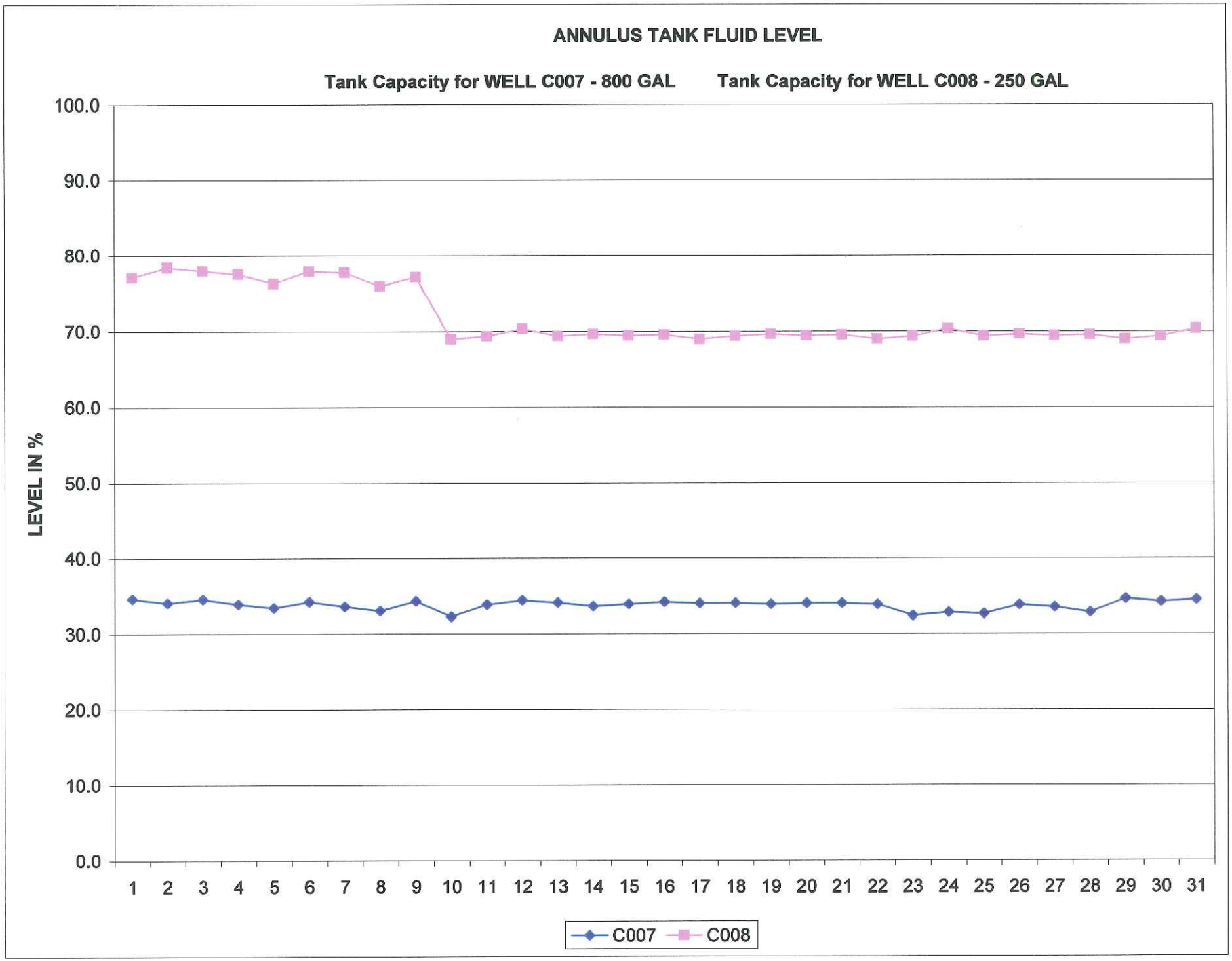
Annulus Fluid

Well C007

	A	B	C	D	A-B+C-D
Month Date	Annulus Fluid added this month	Annulus Fluid subtracted this month	Fluid added previous 11 months	Fluid subtracted previous 11 months	Annulus Fluid 12-month Tabulation
6/30/2005	0	0	0	0	0
7/31/2005	0	0	0	0	0
8/31/2005	0	0	0	0	0
9/30/2005	0	0	0	0	0
10/31/2005	0	0	0	0	0
11/30/2005	0	0	0	0	0
12/31/2005	0	0	0	0	0
1/31/2006	0	0	0	0	0
2/28/2006	0	0	0	0	0
3/31/2006	0	0	0	0	0
4/30/2006	0	0	0	0	0
5/31/2006	0	0	0	0	0
6/30/2006	0	0	0	0	0
7/31/2006	0	0	0	0	0
8/31/2006	0	0	0	0	0
					0
					0
					0
					0

Well C008

6/30/2005	0	0	0	0	0
7/31/2005	0	0	0	0	0
8/31/2005	0	0	0	0	0
9/30/2005	0	0	0	0	0
10/31/2005	0	0	0	0	0
11/30/2005	227	0	0	0	227
12/31/2005	0	0	227	0	227
1/31/2006	0	0	227	0	227
2/28/2006	0	0	227	0	227
3/31/2006	0	0	227	0	227
4/30/2006	0	0	227	0	227
5/31/2006	0	0	227	0	227
6/30/2006	0	0	227	0	227
7/31/2006	0	0	227	0	227
8/31/2006	0	0	227	0	227
					0
					0
					0
					0


ANNULUS TANK FLUID LEVEL
Tank Capacity for WELL C007 - 800 GAL
Tank Capacity for WELL C008 - 250 GAL
LEVEL IN %
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
C007
C008

ANALYTICAL REPORT

Job Number: 510-3052-1

Job Description: Deepwell

For:
ISK Magnetics
4901 Evans Avenue
Valparaiso, IN 46383

Attention: Rick Trapp

Adrienne Byrnes

Adrienne R Byrnes
Project Manager I
abyrnes@stl-inc.com
08/22/2006

Project Manager: Adrienne R Byrnes

The test results in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

METHOD / ANALYST SUMMARY

Client: ISK Magnetics

Job Number: 510-3052-1

Method	Analyst	Analyst ID
40CFR136A 200.7 Appx C	Hamner, Barb J	BJH
40CFR136A 200.7 Appx C	Hoham, Chris H	CHH
MCAWW 120.1	Schafer, Wendy M	WMS
MCAWW 150.1	Boyd, Dan W	DWB
MCAWW 160.1	Bultema, Harvey	HB
MCAWW 160.2	Bultema, Harvey	HB
SM18 2710F	Schafer, Wendy M	WMS
MCAWW 325.3	Schafer, Wendy M	WMS
MCAWW 350.2	Ivers, Catherine L	CLI
ASTM D445-04e2	Hall, Jennifer L	JLH

SAMPLE SUMMARY

Client: ISK Magnetics

Job Number: 510-3052-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
510-3052-1	Deepwell	Water	08/01/2006 1215	08/01/2006 1355

Rick Trapp
ISK Magnetics
4901 Evans Avenue
Valparaiso, IN 46383

Job Number:	510-3052-1
Lab Sample Id:	510-3052-1
Client Matrix:	Water
Date Sampled:	08/01/2006 1215
Date Received:	08/01/2006 1355

Client Sample ID: Deepwell

	Result/Qualifier	Unit	RL	Method	Date Prepared	Date Analyzed	Dilution
METALS							
Iron, Dissolved	0.48	mg/L	0.050	200.7 Appx C-Dissolved		08/16/2006 1625	1.0
Iron	1.9	mg/L	0.050	200.7 Appx C-Total Recoverable	08/03/2006 0835	08/12/2006 2033	1.0
GENERAL CHEMISTRY							
Specific Conductance	59000	umhos/cm	10	120.1		08/05/2006 1400	10
pH	7.38	SU	0.0100	150.1		08/01/2006 1635	1.0
Total Dissolved Solids	4600	mg/L	10	160.1		08/03/2006 1825	1.0
Total Suspended Solids	16	mg/L	2.0	160.2		08/04/2006 1035	1.0
Specific Gravity	1.01	NONE		2710F		08/09/2006 2100	1.0
Chloride	16000	mg/L	500	325.3		08/12/2006 1500	1.0
Ammonia	5200	mg/L	500	350.2	08/05/2006 1300	08/07/2006 0823	10
Kinematic Viscosity	0.66	mm2/s	0.10	D445-04e2		08/05/2006 1500	1.0

Client: ISK Magnetics

Job Number: 510-3052-1

Method Blank - Batch: 510-5624

Method: 200.7 Appx C
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 510-5624/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2006 1134
Date Prepared: 08/03/2006 0835

Analysis Batch: 510-5712
Prep Batch: 510-5624
Units: mg/L

Instrument ID: TJE Trace
Lab File ID: 20761T
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Iron	<0.050		0.050

Method Blank - Batch: 510-5624

Method: 200.7 Appx C
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: MB 510-5624/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/12/2006 2145
Date Prepared: 08/03/2006 0835

Analysis Batch: 510-6018
Prep Batch: 510-5624
Units: mg/L

Instrument ID: TJA ICP 61E Purge
Lab File ID: 61E0711
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Iron	<0.050		0.050

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Lab Control Spike - Batch: 510-5624

Method: 200.7 Appx C
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: LCS 510-5624/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2006 1139
Date Prepared: 08/03/2006 0835

Analysis Batch: 510-5712
Prep Batch: 510-5624
Units: mg/L

Instrument ID: TJE Trace
Lab File ID: 20761T
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	2.00	2.3	116	80 - 120	

Lab Control Spike - Batch: 510-5624

Method: 200.7 Appx C
Preparation: 200.7 Appx C
Total Recoverable

Lab Sample ID: LCS 510-5624/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/12/2006 2129
Date Prepared: 08/03/2006 0835

Analysis Batch: 510-6018
Prep Batch: 510-5624
Units: mg/L

Instrument ID: TJA ICP 61E Purge
Lab File ID: 61E0711
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	2.00	2.0	99	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Method Blank - Batch: 510-6127

Method: 200.7 Appx C
Preparation: N/A

Lab Sample ID: MB 510-5591/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/16/2006 1632
Date Prepared: N/A

Analysis Batch: 510-6127
Prep Batch: N/A
Units: mg/L

Instrument ID: TJA ICP 61E Purge
Lab File ID: 61E0711
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL
Iron, Dissolved	<0.050		0.050

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Method Blank - Batch: 510-5753

Method: 120.1
Preparation: N/A

Lab Sample ID: MB 510-5753/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/05/2006 1400
Date Prepared: N/A

Analysis Batch: 510-5753
Prep Batch: N/A
Units: umhos/cm

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Specific Conductance	<1.0		1.0

Lab Control Spike - Batch: 510-5753

Method: 120.1
Preparation: N/A

Lab Sample ID: LCS 510-5753/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/05/2006 1400
Date Prepared: N/A

Analysis Batch: 510-5753
Prep Batch: N/A
Units: umhos/cm

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Specific Conductance	1410	1430	101	90 - 110	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Duplicate - Batch: 510-5569

Method: 150.1
Preparation: N/A

Lab Sample ID: 510-3052-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/01/2006 1635
Date Prepared: N/A

Analysis Batch: 510-5569
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume: 25 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	7.380	7.390	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Method Blank - Batch: 510-5708

Method: 160.1
Preparation: N/A

Lab Sample ID: MB 510-5708/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2006 1825
Date Prepared: N/A

Analysis Batch: 510-5708
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	RL
Total Dissolved Solids	<10		10

Lab Control Spike - Batch: 510-5708

Method: 160.1
Preparation: N/A

Lab Sample ID: LCS 510-5708/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/03/2006 1825
Date Prepared: N/A

Analysis Batch: 510-5708
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Dissolved Solids	350	350	99	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Method Blank - Batch: 510-5680

Method: 160.2
Preparation: N/A

Lab Sample ID: MB 510-5680/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2006 1035
Date Prepared: N/A

Analysis Batch: 510-5680
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
Total Suspended Solids	<2.0		2.0

Lab Control Spike - Batch: 510-5680

Method: 160.2
Preparation: N/A

Lab Sample ID: LCS 510-5680/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/04/2006 1035
Date Prepared: N/A

Analysis Batch: 510-5680
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Suspended Solids	401	407	102	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Duplicate - Batch: 510-5856

Method: 2710F
Preparation: N/A

Lab Sample ID: 510-3052-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/09/2006 2100
Date Prepared: N/A

Analysis Batch: 510-5856
Prep Batch: N/A
Units: NONE

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Specific Gravity		1.01			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Method Blank - Batch: 510-5976

Method: 325.3
Preparation: N/A

Lab Sample ID: MB 510-5976/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/12/2006 1500
Date Prepared: N/A

Analysis Batch: 510-5976
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Chloride	<1.0		1.0

Lab Control Spike - Batch: 510-5976

Method: 325.3
Preparation: N/A

Lab Sample ID: LCS 510-5976/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/12/2006 1500
Date Prepared: N/A

Analysis Batch: 510-5976
Prep Batch: N/A
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	50.0	52	105	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 510-5976

Method: 325.3
Preparation: N/A

MS Lab Sample ID: 510-3052-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/12/2006 1500
Date Prepared: N/A

Analysis Batch: 510-5976
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 0.1 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 510-3052-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/12/2006 1500
Date Prepared: N/A

Analysis Batch: 510-5976
Prep Batch: N/A

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 0.1 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloride	111	111	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Method Blank - Batch: 510-5736

Method: 350.2
Preparation: Distill/Ammonia

Lab Sample ID: MB 510-5736/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/07/2006 0811
Date Prepared: 08/05/2006 1300

Analysis Batch: 510-5751
Prep Batch: 510-5736
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Ammonia	<0.10		0.10

Lab Control Spike - Batch: 510-5736

Method: 350.2
Preparation: Distill/Ammonia

Lab Sample ID: LCS 510-5736/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/07/2006 0813
Date Prepared: 08/05/2006 1300

Analysis Batch: 510-5751
Prep Batch: 510-5736
Units: mg/L

Instrument ID: Systea
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ammonia	1.00	0.943	94	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ISK Magnetics

Job Number: 510-3052-1

Lab Control Spike - Batch: 510-5759

Method: D445-04e2
Preparation: N/A

Lab Sample ID: LCS 510-5759/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/05/2006 1500
Date Prepared: N/A

Analysis Batch: 510-5759
Prep Batch: N/A
Units: mm2/s

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Kinematic Viscosity	0.598	0.546	91	80 - 120	

Duplicate - Batch: 510-5759

Method: D445-04e2
Preparation: N/A

Lab Sample ID: 510-3052-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/05/2006 1500
Date Prepared: N/A

Analysis Batch: 510-5759
Prep Batch: N/A
Units: mm2/s

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Kinematic Viscosity	0.663	0.643	3	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

514508

SEVERN TRENT **STL**

STL Valparaiso
2400 Cumberland Drive
Valparaiso, IN 46383
Phone: 219-464-2389
Fax: 219-462-2953

Report To:
Contact: Rick Trapp
Company: ISK
Address:
Phone:
Fax:
E-Mail:

Bill To:
Contact:
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Package Sealed	Samples Sealed
Yes (No)	Yes (No)
Received on Ice	**Samples Intact**
(Yes) No	(Yes) No

Temperature °C of Cooler 510-28-061 0.8°C

Within Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	**Res Cl_2 Check OK**
(Yes) No NA	Yes No (NA)

Sample Labels and COC Agree (Yes) No COC not present

3052

Sampler Name: Jerry Huber
Signature: Jerry Huber
Project Name:
Project Number:
Project Location:
Lab PM:
Date Required Hard Copy: __/__/__ Fax: __/__/__

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Refrg # / # / Cont. / Volume / Preserv: LE	Dissolved LE	TDS/TSS	Ammonia	pH/Conductivity/Fluoride/Chloride/Sulfate						Additional Analyses / Remarks
3052-1		Roop well	8/1/06	1215	WW	G	✓	✓	✓	✓	✓						Field pH 7.53 33°C

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Jerry Huber	STL	8/1/06	1355	[illegible]	STL	8/1/06	1355
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received / /
Courier: **Hand Delivered** ☐
Bill of Lading

STL Valparaiso is a part of Severn Trent Laboratories, Inc.

STL-8209 (0201)

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ISK Magnetics

Job Number: 510-3052-1

Login Number: 3052

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	