

15521. GW107

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FOIL UNREL

December 29, 2009

Moran & Associates 6500 Main Street Williamsville, New York 14221

Attn: Mr. Bill Moran

Subject:

Lancaster Sanitary Landfill

3rd Quarter 2009 Groundwater Analysis

GGE 98-1047

Dear Mr. Moran:

Upstate Laboratories Inc. performed the 3rd Quarter 2009 groundwater sampling event for the Lancaster Sanitary Landfill on October 22, 2009. Enclosed you will find a summary of the sampling event, historical data summaries and a site plan indicating groundwater sampling locations. The wells included in this sampling event are as follows: W-2, W-3, W-5A, W-6, W-8, W-A, W-B, W-D, W-E and W-H.

Please contact GGE if you should have any questions.

Sincerely,

Matthew J. Lengel, EIT, CDT

Project Engineer

Mark W. Glynn, P.E.

Consulting Engineer, Principal

/mjl

encl.: event summary, historical data summaries, site plan

cc: Ms. Mary McIntosh

NYSDEC

270 Michigan Avenue

Buffalo, New York 14203-2999

Civil • Structural

Lancaster Sanitary Landfill 3rd Quarter 2009 Sampling Event Summary GGE 98-1047

Upstate Laboratories, Inc (ULI) performed the 3rd Quarter 2009 sampling event on October 22, 2009. Groundwater samples were obtained from the following wells: W-2, W-3, W-5A, W-6, W-8, W-A, W-B, W-D, W-E and W-H. Wells W-5 and W-G were not sampled for this event. Well W-F was dry, therefore no sample was obtained. Additionally, no sample was obtained from well W-C due to insufficient recharge. Individual well summaries are as follows:

1. Well W-2

- Eh has increased to a historical high of 200 mV.
- pH has decreased to a historical low of 6.98.
- Specific Conductance has decreased to a historic low of 248 umhos/cm.
- Alkalinity has increased to a historical high of 840 mg/L.
- Chloroethane has increased to a historical high of 13 mg/L.
- All other analyte concentrations are within their historical range.

Well W-3

- Eh has increased to a historical high of 216 mV.
- All other analyte concentrations are within their historical range.

3. Well W-5

Not sampled for this event.

4. Well W-5A

- Eh has increased to a historical high of 175 mV.
- Specific Conductance has increase to a historical high of 1140 umhos/cm.
- Methylene Chloride has increased to a historical high of 13 ug/L.
- All other analyte concentrations are within their historical range.

5. Well W-6

- A sulfur odor was detected by the ULI technician during groundwater sampling.
- Eh has increased to a historical high of 208 mV.
- Specific Conductance has decreased to a historic low of 363 umhos/cm.
- Soluble Iron has decreased to a historical low of <0.030 mg/L.
- All other analyte concentrations are within their historical range.

6. Well W-8

- Eh has increased to a historical high of 175 mV.
- All other analyte concentrations are within their historical range.

7. Well W-A

- Eh has increased to a historical high of 201 mV.
- pH has decreased to a historical low of 6.96.
- All other analyte concentrations are within their historical range.



8. Well W-B

- Eh has increased to a historical high of 181 mV.
- All other analyte concentrations are within historical range.

9. Well W-C

• Insufficient well recharge, therefore no groundwater samples were taken.

10. Well W-D

- Sampling Well lock was cut by the ULI technician due to rusty condition. Glynn
 Geotechnical Engineering (GGE) will install a new lock and notify all involved
 parties.
- Eh has increased to a historical high of 151 mV.
- All other analyte concentrations are within their historical range.

11. Well W-E

- Eh has increased to a historical high of 149 mV.
- Specific Conductance has increased to a historical high of 1642 umhos/cm.
- All other analyte concentrations are within their historical range.

12. Well W-F

- Well W-F was found dry and therefore not sampled.
- ULI technician indicated well is inhabited by field mice. GGE to investigate and remove inhabitants.

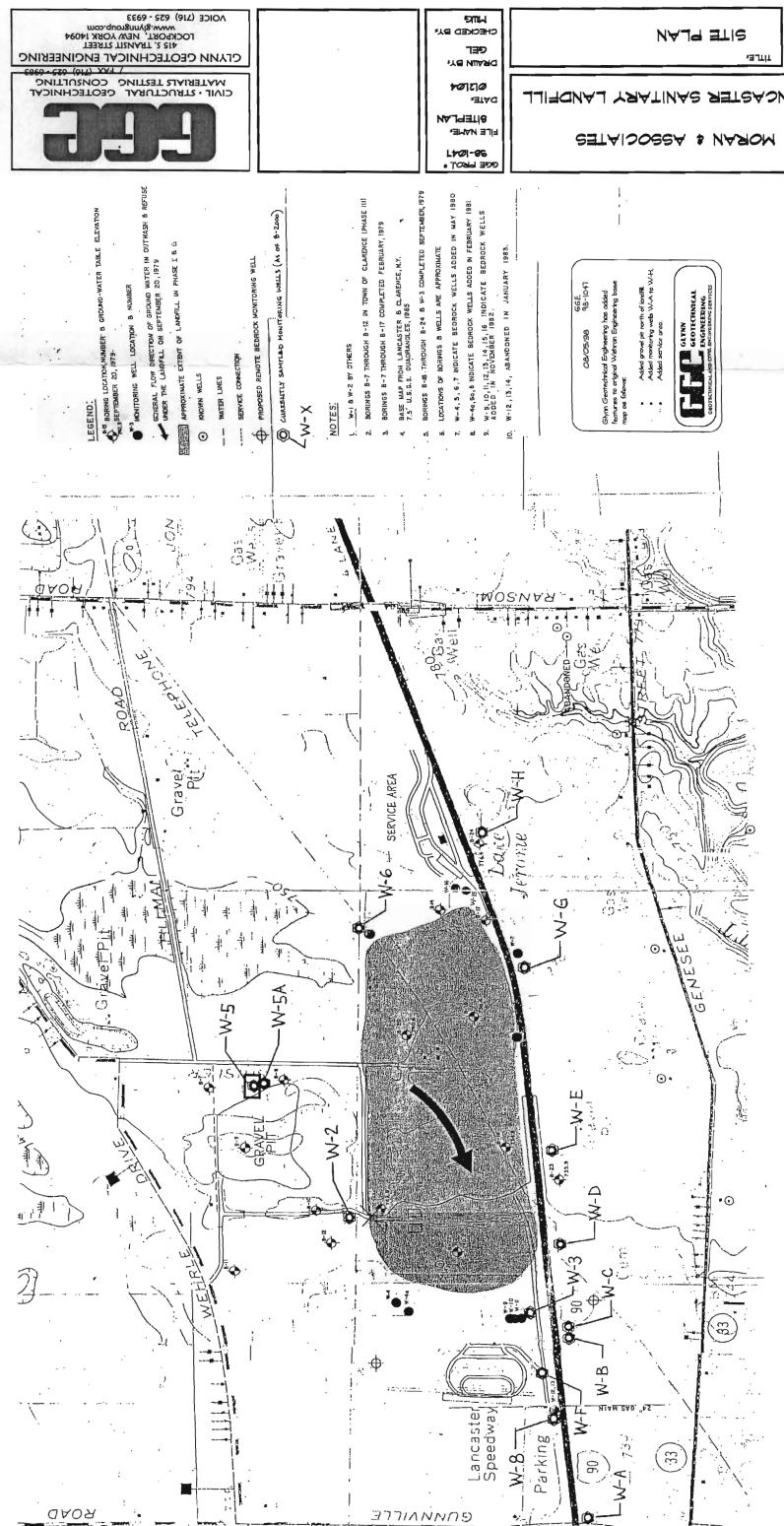
13. Well W-G

Not sampled for this event.

14. Well W-H

- Eh has increased to a historical high of 114 mV.
- All other analyte concentrations are within historical range.





PROJECT.

LANCASTER SANITARY LANDFILL

LS DING :

CLIENT

2 -		
W	W-2	age 1

4th 2007	12/27/2007	742.87	12/28/2007 U0801010-001	96-	1532	<0.200	780	17.9	3.8	0.12	0.028		1	۲	, v	8.6	۲۷	7	7	₽	7	7	7	۲۰	₹	5	7	₹	۲۷ دا	5 5	7	10	7	7 17	۲.	₹		7.7	1	۲۷	3.6	7 5	1 2	1.2	5	7	, v	5 2	7	₹	₽	7	1 >	7	7 5	5	5 5	7 5	1.3
3rd 2007	9/20/2007	740.86	9/20/2007	-39	284	<0.2	580	4.42	5.4	0.13	0.033		1	۲	₹ ₹	2.8	دا	5	1	۲	5	7	7 5	۲	₹	5 7	V	۲۷	٧	7	V	1.6	۲,	5	V	٧	2	4.8	۲ ۰	۲۷	7, 2	7 0	۲	5	V V	5	₹	₹ ₹	5 0	₹ 5	5	₹	12	₽ 5	⊽ ⊽	۲۷	⊽ 5	, v	5
2nd 2007	6/25/2007	743.13	6/26/2007 0706507-001 U07	-94	625	0.251	68.3	5.37	10	0.13	0.046		1	۲۷	7 7	3.8	5	5 7	5	5	₹ 3	7	7 5	۲	₽	5 7	, v	4	r	5 7	7 5	1.0	₽	V	₹ 5	₽	₹ ₹	- 00 10 10	٧	7	;	7 5	٧.	5	\$ 5	7	٧	₹ ₹	5 2	, v	⊽	₹	₹	5	ত ত	₽	च र 	7 5	1.2
1st 2007	3/27/2007	11.22	3/27/2007 0703462-001 U	16 7.56	635	12.9	37.8	<0.500	3.2	0.084	0.047		7	7	₹ ₹	2.9	۲	V (V	٧,	5	V .	V V	₹	۲	₹ ₹	7 5	7	۲	5 7	7 5	<0.5	٢	5 7	7	₹	₹ ₹	- 8.	₹	۲	₹ ·	2	₹	1.3	7	7 5	۲۷	₹	7	, V	₹	7		₹	হ হ	5	₹ ₹	₹ ₹	₹
4th 2006	12/20/2006	9.64	12/21/2006 0612417-001 U	-30	1038	9.1	480	1.66	2 9	0.19	0.084		7	۲	5	6.3	۲۷	₹ ₹	7 5	٧	٧	v :	5 5	7	۲	₹ ₹	7 5	₹	5	₹ 7	2 2	, S	۲۷	7	7 5	۲	5 7	6.9	1	۲۷	2.2	5	₹	5	7	7 5	٧	5	5	5 5	٧	15	, V	۲	হ হ	. 5	5	5 5	₹
3rd 2006	9.21.06	15.19	9.21.06 0.0009386-001	7.98	978	12.6	490	1.27	3 2	0.21	0.058		7	₽	5	7 =	۲۷	5	7	7	5	5	2	₹	۲>	5	7	7	۲	₹.	5	0.92	۲	5	7 5	۲۷	₹ ₹	7 8	۲	7	3.3	⊽ ₹	٧	41	5	V V	V	5	5	<i>5</i> 5	;	1	, 5	۲۷	5 5	5	₹ 3	5 5	2
2nd 2006	06.27.06	15.41	32.45 06.27.06 U0606481-001 L	-75	15.1	40.2	490	2.23	4 00	0.058	0.078	2000	1	V	٧	5.4	V	7	V	7	۲	₹	\$ 5	V	۲	12	7	7 5	7	₹.	₹ ₹	<0.5	۲۷	₹ 7	5 5	7	₹	4.5	V	V	1.6	7 3	5	۲	V	۷		₹	5	₹	7 5	1	7 ▽	1>	⊽₹	₹	\	5 5	Þ
1st 2006	03.07.06	13.46	32.45 03.07.06 U0603145-001	-50	1036	10.3	460	1.23	9 0	0.999	0.053	5	3	V	7	57	7	7	7	₹ ∇	7	٧	7	7 5	۲		₹	7 5	۲	٧	7	0.58	7	5	5	۲	۲۷	٠ ۲	2 2	₹	1.2	7	7 5	۲۷	₹ .	2 2	٧	5	5	হ হ	; v	1	2 5	۲۷	₹ ₹	7 5	₽	v v	۲>
4th 2005	12.19.05	14.46	32.45 12.20.05 U0512340-001 L	-20	1226	7.4	610	14.3	13	0.14	3.4	2	7	V	1>	14	V	V	7	7	٢	۲	7 7	7 5	7	⊽	5 7	7 5	V	٧	5 7	=	٧	₽	V	7	۲	2.9	V	5	4.4	₹ ₹	7 5	٧	1.5	\$ 5	2.2	₽	₹	5 5	1.2	1	2 2	7	₽ °	4	চ	5	1.7
3rd 2005	9.28.05	757.19 15.52 741.67	32.45 9.28.05 U0509443-001	-35	1322	17.3	480	11.7	# 4	0.22	3.6	0.22	1	7 5	7	7	13	₹	7	7 0	L>	۲۷	7	7 5	2	₹	7 7	V	₹	٢	₹ ₹	6.4	⊽	5	₹ ₹	\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	۲	8. 6	25.	7	₹	<u> </u>	V 1	۲۷	1.2	<u> </u>	₹	٧	4	5 5	V V		V V	\ \	5	7 5	\$	₹ ₹	; \ \
1st 2005	3.31.05	12.39	32.45 3.31.05	-20	739								,	7 5	₽	\$ \$	14	5	v ;	7 5	۲۷	٧	7	7 5	₹	₹	5 7	2 2	7	₹	V 1	V 85	₽	۲	₹ ₹	7 5	۲	V "	. 7	7 5	3.6	₹ 3	5 5	7	7	5 7	7 5	₹	۲۷	চ্চ	v v		V V	7	₽ ;	5 5	₽	চ	2.5
4th 2004	12.21.04	14.54	32.45 12.21.04 4124031	-52	888	9.2	280	1.32	4 1	0.16	0.068	0.12	1	7 5	\$	2	13	۲۷	5 3	7 5	7	7	7	7	12	7	₹	2	7 5	۲	₹ 1	5	\$ 5	۲	v (75	7	₹ ?	5.1	7 5	3.6	7	2	1.9	1	5 7	5 5	⊽	\	₹ ₹	5 5	,	v v	٧	₹.	7 5	₹	₹ ₹	1.5
3RD 2004	9.29.04	15.63	32.45 9.29.04 U0410029-001	-70	983	10.1	310	36.8	4 .	0.29	1.7	0.27		7 5	7	\$ 5	15	۲	Ţ	7	7	۲	₹ ₹	7	₹	₹	₹ 3	2	7 5	7	₹.	V V	\$ 5	<1	7	7 5	7	₹ .	5.0	7 0	3.2	2	5 5	1.2	5	₹ ₹	7 5	₹	۲	5 5	⊽ ₹		চ চ	7	₩.	P V	٧	5	1.4
2ND2004			32.45 6.9.04 0.0406352-001		36.8	15.2	420	×0.5	8	0.2	0.071	20.5		22.0	<2.0	4 2.0	<2.0	<2.0	×2.0	×2.0	<2.0	<2.0	<2.0	0.25	<2.0	<2.0	<2.0	<2.0 <2.0 <2.0 <2.0	22.0	<2.0	<2.0	V2.0	<2.0	<2.0	×2.0	×2.0	<2.0	<2.0	V2.0	\$2.0 \$2.0	2.2	<2.0	<2.0	<2.0	<2.0	<2.0 2.0	\$2.0 \$2.0	<2.0	<2.0	<2.0	\$2.0 \$2.0		<2.0 <2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1ST 2004	3.29.04	13.71 743.48	32.45	-58	599																																														<2.0		× × ×	22	<2.0	\$ 5	25	\$	2 2
003 4TH 2003	- 1 - 1	1 1 1	.45 32.45 .03 12.09.03 .62 34503033	- 1	631 619		420 400																																												<1.0 <1.0 <1.0		000	0.00	.0 <1.0	000	0.	0.0	2,
2ND2003 3RD20	_	\rightarrow	32.45 32.45 6.25.03 6.25.03 17703062 26803062		848 6				0		20	70		2 0		0,0		0	0 0	0 0	00	0		5 6		0	0	0 0		0	0	0 0	0 0	0	0	DIC		0	0 6	2 6	1	0	0 0	0	0	0	00	00	0	0 0	0.5		00	0 0	<1.0	0 0	00	0	0 0
1ST 2003 2NE		1 1 1	3.12.03 6. 7103087 1770	11	894	9.0	400	<0.5						×0.5	<0.5	4.5	<0.5	<0.5	<0.5	A0.5	<0.5	<0.5	<0.5	Q.0.	×0.5	<0.5	<0.5	\$0.5 50.5	×0.5	<0.5	<0.5	× 0.5	<0.5	<0.5	<0.5	V VO.50	<0.5	<0.5	\$0.5	V. V.	2	<0.5	× 0.5	<0.5 8.0>	<0.5	<0.5	0.0	<0.5	<0.5	<0.5	<0.5	7,5	<0.5	<0.5	<0.5	40.5 70.5	40.5	<0.5	<0.5
4TH 2002 1	11/26/2002 3.12	757.19 17.39 739.8	32.38 11/26/2002 3.12 33102089	49	630	11.4	420	\$ 0.5	ro c	0.14	0.05	0.03		20.5 50.5	<0.5	20.5	0.5 0.5	<0.5	\$0.5	0.0	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.02 0.03	0.0	<0.5	<0.5	\$0.5 7.05	<0.5	<0.5	<0.5	0.00	<0.5	<0.5	- 4	\$0.5 50.5	4	<0.5	V 0.5	<0.5	<0.5	<0.5	V5	<0.5	<0.5	40.5	40.5 0.5				<0.5				<0.5 2
3RD 2002	9/17/2002	757.19 17.51 739.68	32.45 9/17/2002 26102039	-72	673	14.6	480	1.6	co.	0.2	0.03	5.0		40.5	<0.5	45.05	0 2	<0.5	<0.5	0.5 7.5	<0.5	<0.5	<0.5	0.5	0.0	<0.5	<0.5	\$ 0.5 4	\$ CO.3	<0.5	<0.5	\$0.5 5.05	<0.5	<0.5	<0.5	\$0.0 \$0.5	<0.5	<0.5	- 0,	0 00 0 00	4	<0.5	\$0.5 50.5	<0.5	<0.5	<0.5	VU.5	<0.5	<0.5	<0.5	<0.5				<0.5				
2ND 2002	11		32.45 6/25/2002 17602022		687	1- 0	300	40°5	♥ :	0.02	0.05	×.02		0.05	<0.5	<0.5	<0.5	<0.5	<0.5	0.05	<0.5	<0.5	<0.5	60.5	20.0	<0.5	<0.5	× 0.5	<0.5 <0.5 <0.5	<0.5	<0.5	× 0.5	<0.5	<0.5	A0.5	0.00	<0.5	<0.5	×0.5	0.00 0.00	2	<0.5	× 0.5	<0.5	<0.5	<0.5	\$0.5 5.5	<0.5	<0.5	<0.5 0.5	<0.5		<0.5	0.5	<0.5	0.5	\$ 0.5 0.5	<0.5	<0.5
1 1ST 2002	3/		3/29/2002 9102017	-58	629	11,	440	32	8	<.02	1.7	0.00		2	7	2	7	7	5	5	7	۲۷	۲,	5 7	, V	۲	₹.	\$ 5	v 5	٧	٧	5 5	, ₽	۲>	₹ ;	V V	٧.	۱۷	V 1	V V	8	۲	7	V	\ \	5	V V		V	₹ ₹	⊽⊽		V 14	Ş	٧	5 5	, ₽	۲	₹ ₹
3RD 2001 4TH 2001	/2001 Not	57.19 Samplec 17.8 39.39	32.45 11/6/2001 31101004	10	1000	1-	420	31	8	0.12	0.05	0.12		5 2	7	7 7	± ₹	7	₽,	V V	₹	~1	₽.	5 3	7 5	<1	۲۷	v v	V V	₹	₽	7 7	7 5	12	₹ ·	V V	41	<1	,	V V	7	<1	7 7	7 5	٧.	₹ 7	V V	, ₽	۲۷	₽;	v v		⊽ ₹	7 5	₹	₹ ₹	, v	₽	12
2ND 2001 3RD			32.45 6/25/2001 11/6 17701006 3111		900	12	420	30	4	0.08	0.21	0.09		7		₹ 6	2 5	۲۷	7	5 5	, v	12	۲۷	7 7	7 5	۲۰	٧٦	7 7	7 5	~	۲-	7 7	7 5	~	₽.	1	7	7	w 4	۲ ۳	27	7	7 7	4	<1	۲۱	5 5	, -	۲۰	₽;	V V		5 5	7 0	P	~ ·	710	₽	56
1ST 2001 2NE	11	-	32.45 3/22/2001 6/25 08201049 177		1000	9	410	<0.5	8	0.12	0.05	0.13		₹	Į,	12	2 7	۲۷	7	5 ₹	, v	۲	10	5	7 5	7	٧	5 7	7	۲	۲	7 7	7 5	1	2	V V	٧	٧	2	V 7	25	۲۷	₹ ₹	2	۲۷	₽.	5 5	7	٧	5	⊽ ⊽		7 7	7 5	₽	⊽ ₹	, v	۲	45
-		Feet	7.2 3/2 08201		umhos/cm		mg/L	J/6	mg/L	mg/L mg/L	mg/L	mg/L	mg/L	3/1	7,	K	3/1	1/1	7/1	7	7,	//	7/L	7/2	7,4	1,7	VL	7/1	7/5	Z,	W.	1/1		1/	1/L	1,5	74	'n	7/2	7/	بالا	7	1/1	7/2	1/2	الخ	// //	7 2	7	N.	7.	11	7/L	4 2	ر ار	<u>ا</u> راء	112	7	7/
		(a)			9	Ø	ΕĘ	EE		εĮĔ					sthane ug/L				96	Т	Т	1	Ngv.								6n	รัก	5						ถ	Sn Si					2		S	S	- Gn	ug/L	50	0.00 1/00 1/00	6n	on on	ôn		0		l/gu l/gu
< J6	uation Date	of Casing Elevation ar Level ar Elevation (Before	Bottom ple Date: pratory Sample Number:		oific Conductance	perature	nity	ide	Organic Carbon	Mangahese	e Iron	e Manganese	e Lead	2-Tetrachloroethane	2-Tetrachioroethane	Trichloroethan	chlomethene	chloropropene	Frichlorobenzene	Trichloropropane	-Trimethylbenzene	bromo-3-chlorc	inbromoethane	chlorobenzene	chloroconana	Trimethylbenzene	chlorobenzene	chloropropane	chloropenzene	rotoluene	protoluene	ropyltoluene	henzene	ochloromethane	dichlorometha	form	n tetrachloride	penzene	ethane	form	-Dichloroethen	3-Dichloropropene	nochlorometha	rodifluoromethane	enzene	hlorobutadiene	pylbenzene	Aylene lene chloride	naiene	Ibenzene	pylbenzene	ne Pie	utylbenzene	tylbenzene	hioroethene	9 Dichlometh	1.3-Dichloropropene	roethene	lorofluoromethane chloride

V 11 12 12 12 12 12 12 12 12 12 12 12 12		1st 2008		3rd 2008	4th 2008			
	Units		2					
Evacuation Date		3/3/2008	6/24/2008	9/25/2008	12/29/2008	3/30/2009	6/29/2009	10/22/200
Top of Casing Elevation	Feet	757.19	757.19	757.19	757.19	757.19	757.19	757.1
Water Level	Feet	13.29	14.35	15.28	11.96	12.11	13.65	13.5
Water Elevation (Before Purge)	100	743.9	742.84	22.02	745.23	745.08	743.54	743.6
Sample Date:	1991	3/3/2008	6/25/2008	9/25/2008	12/30/2008	3/30/2009	6/29/2009	10/22/2009
Laboratory Sample Number.		U0803039-001	U0806522-001	U0809489-001	U0812540-001	U0903561-001	U0907008-001	U0910503-00
1	//**			78		7.4		
H-0	Std.	7.73	7.58	8.36	79.7	8.57	7.07	6.98
Specific Conductance	umhos/cm			1017				
Turbidity	PEN			66.1				18.1
Temperature	ğ			16				
Nitrate	mg/L	<0.200		<0.200				<0.200
Akalinity	mg/L	090		34.9				
Ammonia	ma/L	8.45		2.03				
Total Organic Carbon	mg/L	24		< 15.0				
Total Iron	mg/L	3.9		6.1				
Total Manganese	mg/L	0.14		0.25				
Soluble Iron	mg/L	0.056		0.39				
Soluble Manganese	mg/L	0.14		0.14				
Soluble Lead	mo/L							
1.1.1.2-Tetrachloroethane	no/L	۶		₹	⊽	٧	₹	v
1,1,1-Trichloroethane	ug/L	₹		₽	٢.	^	^	2
1,1,2,2-Tetrachloroethane	ug/L	~		۲۷	۲۷	<	1	V
1,1,2-Trichloroethane	ug/L	\		۲۷	۲۷	^	7	V
1,1-Dichloroethane	ng/L	5.1		4.5	3.3	3.5	2.3	9.6
1,1-Dichlaroethene	ng/L	5		5	Ş .	٠,	7	
1,1-Dichloropropene	ug/L	7		7	7	7	7	
1,2,3-1Hcmorobenzene	100	7 7		7 5	7 5	7 5	7	`
1.2.4-Trichlorobenzene	1/011	5		7	V	5	7	١
1.2.4-Trimethylbenzene	no/L	₽		7	٧	₹	٧	V
1,2-Dibromo-3-chloropropane	ug/L	۲		₹		^	<1	,>
1,2-Dibromoethane	ng/L	<1		٧	₹	۲۰	۲	v
1,2-Dichlorobenzene	ng/L	₹		7		۲۰		v
1,2-Dichloroethane	ug/Ł	⊽		₹ .	₹ 7	5	5	v ;
1,2-Dichloropropane	Ug/L	7		7	7	7	7	'
1,3,3-i nimetnylpenzene	Ug/L	7		7 7	7 5	7 5	7	V
1.3-Dichloropropane	1/0/1	; ₹		V	₹	2	٧	
1,4-Dichlorobenzane	ug/L	7		1>	٧	۲۷	۲۰	<,
2,2-Dichloropropane	ng/L	٧		<1		۲	۲	v
2-Chlorotoluene	ug/L	₹		₹ .	⊽		5	١
4-Chiorotoluene	ng/L	V 1		V 3	5	5	7	V .
Renzene	1/6n	90			020>	05.05	23	9
Bromobenzene	no/L	2		2	2	7	₹	٧
Bromochloromethane	ng/L	⊽		۲	٧	2	۲۷	, v
Bromodichloromethane	ug/L	V		۷,	٧.	۲۰	۲	V
Bromoform	ng/L	₽		۲۷	۲	۲	۲۷	٧
Bromomethane	ug/L	₹ ₹		₽ ;	₹ ₹	5 3	₹ ₹	
Carbon tetrachlonde	ug/L	5 3		7	7	7		200
Chlorothan	1,6/1	Ü n		, 0	000	7 00	-	15.5
Chloroform	lou/	, ∧		, v	\$ ₹	12		
Chloromethane	uo/L	₽		٧	٧	₹	5	12
cis-1,2-Dichloroethene	ng/L	2.3		2.8	1.8	1.7	1.6	2.3
cis-1,3-Dichloropropene	ng/L	ا		۲۷		₽	۲۰	•
Dibromochloromethane	ug/L	5		₹,	v :	5	₹ ₹	
Dishlowdifingmethans	ug/L	7		V	V	7 5	7 5	/ \`
Ethylbenzene	uo/l	7		₹ ₹	₹	₹	V	•
Hexachlorobutadiene	ua/L	₹		₹	₹	^	٧	V
Isopropylbenzene	ng/L	₹		٧	5	۲	۲۷	\ \
m & p Xylene	ug/L	۲>		1>	<1	√	۲	٧
Methylene chloride	ug/L	۲		۲	r	₹	۲	•
Naphthalene	ug/L	2		₹	₹	₹ .	5	\
n-Butylbenzene	1,50 1,70	7		5 5	1	7	7 7	/ ``
o-Xvlene	19/L	7 0	7 5	₹ 5	7 5	₹ 5	2	V
p-Xylene	ug/L							
sec-Butylbenzene	ug/L	V	₽	۲۷	5	2	₹	5
Styrene	ug/L	₽,	5	5	₹	7	7	
tert-Butylbenzene	ng/L	₹ 7	5	· ·	V .	7	5 7	
Tetrachloroethene	ng/L	7	7		7	7	7	
Tollene	ug/L	7 5	7 5	7 5	7 5	7 5	7	V
trans-1.3-Dichlomomoene	10/1	· v	\	. ₽	₹	5	1	V
Trichloroethene	uo/L	V	7	5	₹	۲	٧	V
Trichlorofluoromethane	ug/L	₽	۲	٧	۲	۲۰	۲۷	.>
	1/	141	1	7	7	`	•	

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03.07.06	740.86	720.18 27.93 03.07.06	U0603145-002	-20	14.1	8.7	<0.2	148	12.5	40	60		27	-		0.0	7	5 7	10,0	5 5	7 7	V 10	×10	<1.0	5.4	<1.0	0.10	0.10	7 7	2.0	<1.0	<1.0	9.8	<1.0	×1.0	7 7	7.0	×1.0	<1.0	<1.0	0.10	×1.0	6	<1.0	^ 1.0	0.15	21.0	0.15	<1.0	<1.0	<1.0	<1.0	1.6	10	7.3	5.5	1.	<1.0	<1.0	<1.0	<1.0	×1.0	0.10	× 1.0	0.12	0.10	0.12	0.15
9/20/2007	740.86	32.02 32.02 9/20/2007	U0709291-001	7.44	4.92	14.2	<.2 2.2	120	4.42	7.8	0.13	0.093	0.11	1.3	1	×1.0	0.12	V 7	0.00	7,0	1 2	7	1010	41.0	<1.0	<1.0	<1.0	0.1.0	0.10	1012	<1.0	<1.0	<1.0	<1.0	×1.0	7.0	0.0	×1.0	<1.0	<1.0	0. V	7 0	<1.0	4.8	<1.0	×1.0	7,0	2.0	×1.0	×1.0	<1.0	<1.0	<1.0	×1.0	0.15	5 6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.10	<1.0	×1.0	C1.0	0.12	<1.0
9 28 05	740.86	719.84 27.93 9.28.05	509443-002 U	7.04	2450	15.6	<0.2	203	15.3	32	13	3	26	1.2		<1.0	0.12	0.0	200	0.0	2,7	01.0	200	<1.0	4	<1.0	×1.0	0.12	0.12	2,5	41.0	<1.0	11	<1.0	<1.0	0.10	4.2	41.0	<1.0	×1.0	0.12	200	_	3.9	٥٠٢٧	×1.0	0.7	7 7	210	4.0	1.5	<1.0	2.1	7.4	0.15	20	9	1.0	<1.0	-	<1.0	<1.0	<1.0	×1.0	0.0	C1.0	0.0	0,12
16	8 8	27.93	0	7.04	2340	14.3	<0.2	241	10.4	34	87	*	16	1.3		V 2	2	3 6	7 5	7 5	2 5	70	7 0	200	13	42	<2	\$ 5	27 5	22	2	42	13	\$	\$	27 5	7 2	250	<2	<2	7 5	70	10	7.8	<2	\$	2 5	20	<22	42	<2	<2	4.3	23	77	4 (3.1	2	4	<2	<2	<2	\$	2	2 6	22	25	<2
3 34 05	740.86	721.55 27.93 3.31.05	2 00	15 6.84	1670	6.6	<0.2	209	98.3	36	12	7.	23	1.1		2	0	2 6	7	75	7 5	200	7 (0	8	25	<2	2	27 5	3 6	42	8	7.1	<2	0	2 9	7 5	30	2	<2	2	70	4.4	8	\$	<2	7 42	2 5	7 0	25	<2	2	<2	5.4	2,0	2 (70	0	2	\$	<2	2	\$	\$	25	22	25	7
0 20 04	740.86	718.24 27.93 9.29.04	200-6200	10 6.46	3310	11.9	0.2	1500	140	70	30	0.	30	1.6	4	7	2	00	7 5	7	75	75	7 5	70	5.3	2	2	7	0	7 5	7 6	0	13	<2	2	2 5	2 0	20	2	4 5	42	2 0	82	4.4	5	0	0 9	2 5	0 8	70	13	<2	2	15	7 3	5.5	3 0	200	2	0	42	<2	<2	5.8	25	7	7	0
8 8 04	740.86	720.12 27.93 6.9.04	352	-19 6.79	3450	12.3	<.2	760	118	3.0	27.	0.	0.15	0.93		2.0	<2.0	25.0	0.25	0.25	0.7	0.7	7,50	000	80	<2.0	<2.0	\$2.0	25.0	0.25	200	<2.0	7.6	<2.0	<2.0	42.0	25.0	6.00	<2.0 2.0	<2.0	42.0	2.0	4.9	<2.0	<2.0	2.9	<2.0	0.20	2000	6.7	6.8	42.0	3.3	20	<2.0	5.0	2.4.0	6.4	<2.0	3.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
20.04	18.95	27.93 3.29.04	04026 U04063	5.83	1451	10.9	<.2	960	83	41	24	ú	0.16	1.5		0	8	2	27 9	27	7 5	7 5	7 5	70	7	42	<2	\$	\$ 5	7 5	70	25	o	<2	<2	8	2	00	22	<2	0	3 5	7 4	<25 25	<2	က	\$	0 5	27 00	25	101	2	<2	21	2	9 9	2 5	7 4	\$	<2	<2	2	<2	8	\$	0	0	Ç
2	3 8 -	720.05 7 27.93 12.09.03 3.	*	15	1808	10.2	<0.2	1000	56	37	24	7.7	25	1.3		<2	2	25	2	<2 2	27 (7 5	7 5	3 0	2	<2	<2	7	4	7 5	70	22	90	<2	25	5	\$	4 (42	<2	<2	7 7	7 4	<2	<2	3	<2	2 5	70	7 /	2	\$	2	9	42	e (2 5	7,0	42	<2	<2	<2	\$	<2	<2	\$	0	?
1	1 1 1	718.24 27.93 9.25.03		6.89	3750	14.7	0.4	1700	12	∞	28	2.5	22	1.2		\$	7	\$ 2	2	2	27 (7 5	7 5	7 0	9	2	<2	<2	2	7 5	70	22	16	2	<2	5	¢5	9 9	22	<2	2	7 6	7 4	0 4	42	4	<2	0 9	2 5	7 9	200	42	0	15	2	9	7 5	2, 0	0	8	2	\$	\$	<2	2	<2	\$,
		719.04 27.93 6.25.03		7.25	5820	14.3	<0.2	1700	240	87	26	7.7	24	1.1		<3	8	8	δ.	₹ (8 4	7 5	7 5	2 5	2 10	8	\$	<3	8	\$ 5	? 5	3 5	200	8	8	Q	8	3 6	2 65	<3	<3	8	7 5	7 0	8	<3	<3	\$ 3	7 7	7 V	0	3 6	8	18	\$3	\$3	7 5	7 "	, 5	\ \	\$	8	<3	8	\$	\$	\$	٢
2 42 02	ol	720.88 27.83 3.12.03		7.06									0.42	1.2		<5	<5	\$	Y Y	×2	\$2	S Y	C V	0 4	0	\$	<5×	<5	~ 2	S I	50	\$ \$	-	\$	<5	<5	\$	0 4	\$ 5	\$	<5	\$ \$	0,4	0 00	\$	<5	<5	\$ 2	0,4	2 42	13	×55	\$	28	O	9	0 4	9 0	<5	\$	<5	<5	<5	<5>	<5	<5>	<5	,
11/26/2002	740.86	720.89 29.43 11/26/2002	33102092	7-	2860	10.5	<0.2	1600	140	110	24	2.1	0.17	1.7		<10	<10	×10	<10	<10	<10	210	מנא	7	×10	×10	×10	<10	<10	×10	7.0	× 410	<10	<10	<10	<10	×10	V V	410	<10	<10	210	V 10	V V	×10	<10	<10	×10	270	V V	210	V10	<10	<20	21	<10	010	210	<10	<10	<10	<10	<10	<10	<10	<10	<10	
0/17/2002	740.86	27.93 27.93 8/17/2002	26102040	-31	5420	14.4		2800	004	140	23	4.	0.46	1.3		<10	<10	<10	×10	<10	× 10	010	012	740	×10	×10	<10	<10	<10	012	710	v v	410	410	<10	<10	×10	7	×10	×10	<10	×10	7	7 0	×10	<10	۲۱٥	×10	7 7	V 10	V V	×10	×10	47	<10	×10	V 10	100	<10	<10	<10	<10	<10	<10	<10	<10	<10	
20002303	740.86	27.93 6/25/2002	17602025	7.11	120	15.3	<0.2	390	390	110	12	1.2	0.81	1.1		<5>	<5	\$	\$	\$	\$	\$ 5	Ç,	9 4	200	\$	\$	<5	<5	\$ 5	0 4	\$ \$	\$ 5	\$	\$	<5	\$	0 4	25.5	<5	<5	io i	O H	9 45	\$	7	\$	\$	0 4	2.5	t.	25	\$ 2	35	17.	9	\$ 4	7 -	\$	\$	\$	<5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\$0	\$	<5	<5	
20000000	740.86	27.93 3/29/2002	9102108	6.55	1381	10	<0.2	240	29	19	4	-	0.57	1.1		۷3	\$	8	8	Ÿ	33	8	2	2 5	7 8	0	8	\$	V	8	? 5	7 5	3 8	2	3	8	8	2 6	7 8	Ş	Ÿ	8	7 5	7 🗸	8	\$	<3	8	8 6	2 4	78	2 6	<3	\$	V	8	8	? 5	?	<3	S	S	5	\$	×3	<3	₩.	700
	Sampled						01										-																					1																				-										
	$ \cdot $	3 719.61 3 27.93 11/6/2001		ŏ	4000								-																																		8														8							
		3 27.93 1 6/25/2001		4 6.9										1.5																	l																3 <10														<10		1	١	ļ			
202200	740.8	27.93 3/21/2001	08201050	-10				47	0	-	-	-	4	1.4		V	v	v	V	v	V	v `		1		V	V	V	V	v			Í		\ \	٧		V N	/ V	V	٧	V	V	/ 0	V	V	Q	V .	V (¥.		' V	, V	40	u)	8	7	7 5	<u>'</u>	8	Q	8	8	2	8	8	<3	
	Feet			Std.	umhos/cr	ည္ရ	mg/L	mg/L	ma/L	mg/L	mg/L	mg/L	1/00	mg/L	mg/L	J/6n	J/6n	ug/L	ng/L	ug/L	ug/L	ng/L	ng/L	7,60	767	no/L	Ng/L	ng/L	ng/L	ug/L	Ug/L	1/01	l'on	Ug/L	ug/L	ug/L	ug/L	Ug/L	1/00	Ug/L	ug/L	ug/L	U9/L	1,001	ng/L	ug/L	ng/L	ng/L	1/6n	1,8/1	7/01	7/02	no/L	ng/L	J/6n	ug/L	Ug/L	1,61	1/01	uo/L	Ug/L	ng/L	J/6n	ng/L	T/6n	ng/L	ng/L	
Ooto Dotto	Evacuation Date Top of Casing Elevation Water Level	Water Elevation (Before Purge) Well Bottom Sample Date:	oratory Sample Number:		Specific Conductance	perature	ite	Alkalinity	nonia	I Organic Carbon	I Iron	Manganese	his iron	Soluble Manganese	Soluble Lead	1,2-Tetrachloroethane	1-Trichloroethane	2,2-Tetrachloroethane	-Trichloroethane	Dichloroethane	Dichloroethene	Dichloropropene	- Inchiorobenzene	Trichloropropane	Trimethylbenzene	Dibromo-3-chloropropane	ibromoethane	ichlorobenzene	ichloroethane	ichloropropane	- Imemylbenzene	ichlorogonana	pichlorobenzene	ichloropropane	lorotoluene	orotoluene	propyltoluene	Benzene	Promochloromethane	odichloromethane	romoform	methane	License tetrachionde	Denzene	hloroform	methane	cis-1,2-Dichloroethene	-Dichloropropene	nochloromethane	promometrane	Anzene Circumation	chlorobutadiana	pylbenzene	m & p-Xylene	ene chloride	Naphthalene	penzene	n-Propyioenzene	2 2	Mbenzene	9	ylbenzene	Tetrachloroethene	9	trans-1,2-Dichloroethene	,3-Dichloropropene	proethene	and the man of the same

	10/22/2009 740.86 22.3 718.56 3 27.93 10/22/2009 U0910503-002	216 8 6.77 1192 27.5 1 3.4 13.4 1200	159 44 44 31 0.9	0.14	8888	\$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	<5 <5	45 45 45 45	\$ \$	5.8	\$ \$	\$ \$	4.1	\$ 5	\$ \$	8.8	<5 <5	\$ \$	\$ \$	\$ 5	\$ \$	5.2	8.3	<2 2.5	\$	\$ \$	\$	\$ 5	1	45
2nd 2009	6/29/2009 740.86 22.31 718.55 27.93 6/29/2009 U0907008-002	198 1625 11.2 11.2 0.407 1200	52.3 52.3 1.4	<0.030	চ চ চ চ	5 5 5	5 5 5	3.4	2.5		13 4	\varphi \varphi	\[\bar{\chi}\]	6.2		V V	198.8	\[\bar{v}\]	11.	5 7	v v	7 5 3	4.9	7.3	1.5	V	₹₩	2 2	701	7 0 3	5
1st 2009	3/30/2009 740.86 18.96 721.9 27.83 3/30/2009 U0903561-002	-32 7.87 1411 1411 9.89 8 <0.200	62.3 23.2 24 24 0.97	0.056	0.0.0	61.0 61.0	010	2.2	0.0.0	000	0.12	0.5	<1.0 <1.0	<1.0	0.00	0.6	7.2	0.0	2.2	0.7	0.10	41.0	3.4	3.4	0.0	c1.0	41.0	0.0	0.5	5 V	V 41.0
	12/29/2008 740.86 15.81 725.05 27.93 12/39/2008 U0812540-002	8.02 1213 15.7 15.7 10.7 <0.200	15.8 15.8 34 1.6	1.7	0.000	41.0 41.0	0.0.0	1.0	0.00	000	<1.0 7.3	0.12 0.12	0.10	9, 0	0.0	4.0	6.1	8 0 V	5.1	0.10	0.0	0.0	410	2.7	0.0	<1.0	<1.0 1.0	0.6	200	0.0	×1.0
3rd 2008	9725/2008 740.86 23.27 717.59 27.93 9725/2008 U0809489-002	279 279 77.3 17.5 <0.200	96.6	1.3	0.12	222 <1.0 <1.0	0.10	2.3	3.4	0.0.6	× 1.0	<1.0	0.10	5.9 <1.0	0.0.0	V V	15	0.12 0.12	0.12 0.12	0.10	0.10	41.0 41.0	5.9	×1.0	0,10	3	<1.0 1.0	7.0		2.0.7	0.0.0
2nd 2008	6/24/2008 740.86 22.85 718.01 27.93 6/25/2008 U0806522-002	293 293 31.4 13.7 <0.200 1200		1.2	0.55	\$5.0 \$5.0 \$5.0	<5.0	6.4	65.0	5.0	0.50	<5.0	<5.0 <5.0	4.7	55.0	\$50	16	<5.0	<5.0	\$5.0 \$5.0	\$ 65.0	25.0	6.9	45.0	<5.0 5.0	<5.0	<5.0	\$5.0 6.50	65.0	\$5.0	<5.0 5.0 5.0 5.0
1st 2008	3/3/2008 740.86 19.61 721.25 27.93 3/3/2008 U0803039-002	239 7.59 247 23.1 12.9 402		1.0	0.0.0.0	< 1.0 < 1.0 < 1.0 < 1.0	0.12	2.6	2.3	2 V C	0.12	<1.0 <1.0	<1.0 <1.0	4 0.10	0.0.0	10.0	121	\$1.0 1.0	22	21.0	21.0	0.10	5.2	0.10 0.10	×1.0	1.6	<1.0	0.12	0.0	0.12	7.0.0
1	12/27/2007 740.86 27.93 712.93 27.93 12/28/2007 U0801010-002	-86 8.22 132.1 30.3 9.3 6.0 810		0.036	\$5.0 \$5.0 \$5.0																						<5.0 <5.0	\$5.0	\$5.0	\$5.0	<5.0 <5.0
	6 740.86 740.86 715.99 27.93 7 9/20/2007	6.87 2 6.87 3 1593 77 77 77 77 1500 1500			65.0 65.0 65.0																						\$ 8	\$	0 8	0 0	<5.0 5.0 5.0 5.0 5.0
commen	6/25/2007 740.86 23.1 717.76 27.93 6/26/2007 U0706507-002	-28 6.42 230 230 13 16.2 0.286		0.52	(5.0 (5.0 (5.0 (5.0																						\$ 8	5 5	\$ 5	\$ 8	<5.0 <5.0
181	3/27/2007 740.86 17.44 723.42 27.93 3/27/2007 U0703462-002	6.53 889 899 49.3 18.4 0.2			0.12																								"		
4th 2006	12/20/2006 740.86 12.98 727.88 27.93 12/21/2006		288 120 120 29 29	0.16	0.12																						0.0.0	V-1.0	0.12	×1.0	0.0.0
3rd 2006	9.21.06 740.86 20.88 719.96 09.21.06	7.72 7.72 2830 3.4 13.8 60.2		1.1	7.00.00																						, <u>r</u> ,	0.1	0.10	×1.0	0.12
2nd 2006	740.86 740.86 73.5 717.36 27.93 06.27.06 U00606481-0021	25 7.14 7.14 3860 31.2 15.2 15.2 1600	418 170 68 68 36 1.5	5.4	0.12	10,010	0.000	10,10	×10	0.12	61.0 61.0	41.0 0.15	<1.0	7.1	×1.0	0.17	17	41.0	V V	0.15	0.12	0.1>	3.3	<1.0	<1.0	1	0.12	<1.0	0.12	c1.0	0.1.0
Units		Std. Std. NTU ØC mg/L	7/2/1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/		Jen Jen Jen									ug/L ug/L	7/6n ng/L	ug/L	ng/L	J/Bn	J/Sn	ug/L	ug/L	ug/L ug/L	ug/L ug/L	ug/L	ug/L	1/60	1,00 L	ug/L	ug/L	ng/L ng/L	ug/L ug/L
Quarterly Sampling Event	Evacuation Date Top of Casing Elevation Water Level and Elevation (Before Purge) Well Bottom Sample Date: Laboratory Sample Number:	Eh pH Specific Conductance Turbidity Temperature Nitrate Akainity	Chlonde Ammonia Total Organic Carbon Total Iron Total Manganese Total Hang	Soluble Iron Soluble Manganese Soluble Lead	1,1,1,2.Tetrachloroethane 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane	1-Dichloroethane 1-Dichloroethene 1-Dichloropropene	2,3-Trichlorobenzene 2,3-Trichloropropane	2.4-Trimethylbenzene 2.2-Dibromo-3-chloropropane	2-Dibromoethane 2-Dichlorobenzene	2-Dichloropropane 3,5-Trimethylbenzene	3-Ulchloropenzene A Dichloropenzene	2,2-Dichloropropane 2-Chlorotoluene	Chlorotoluene Isopropyltoluene	enzene	Bromochloromethane Bromodichloromethane	Bromomethane	Chloroethane	nloroform	1.2-Dichloroethene	bromochloromethane	Dichlorodifluoromethane	nyfbenzene exachlorobutadiene	ppropylbenzene & p-Xylene	ethylene chloride	Butylbenzene	Xylene	Sec-Butylbenzene	t-Butylbenzene	strachioroethene	trans-1,2-Dichloroethene	Trichloroethene Trichlorofluoromethane

2nd 2008 6/24/2008 764.48 28.27 28.27 736.21 6/25/2008 U0806522-003 7.93	181 27 1.7 1.7 0.231 250 36.2 40.5 40.020 <0.020 <0.020				
4th 2007 1st 2008 1227/2007 Not 754.48 Sampled 31.13 733.35 733.36 1228,2007 102801010-003 -128	331 9.13 9.13 9.14 0.441 160 4.76 <0.5 <0.02 <0.030 <0.020 <0.030	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3rd 2007 Not Sampled	11.4 14.8 0.289 270 270 270 270 230 0.039 40.2 40.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0.00000000000000000000000000000000000	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3rd 2006 4th 2006 9.21.06 Not 764.48 Sampled 27.14 737.34 55.38 9.21.06 9.0609386-003 8.34	663 35.3 14.2 0.39 420 5.05 0.944 3 2.1 0.017 0.022 <0.020	4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0	0.000000000000000000000000000000000000		10000000000000000000000000000000000000
03.7 7 7 7 7 7 7 7 7 7 7 7 03.6	496 109 10.7 < 0.2 560 560 5.57 < 0.57 < 0.5 611 0.044 < 0.020	0.0000000000000000000000000000000000000	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0		4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
2nd 2005 3rd 2007 4th 2005 Not 9120/2007 Not Sampled Sampled Sampled Sampled Not Well Well Damaged 3/20/2007 Demaged 9/20/2007 Demaged 3/20/2007 Control 10/209291-001	284 4,92 14,2 0.3 680 120 120 4,42 7,8 5,4 0.13 0.093	2.8	9.1	4 8 2	
1st 2005 Not Sampled	4.21 9.2 4.21 8.20 4.50 4.34 0.823 6.029 0.029 0.054 0.054	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	A C C C C C C C C C C C C C C C C C C C	0.000000000000000000000000000000000000	
1 1021	572 272 152 0.52 360 360 360 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3		A A A A A A A A A A A A A A A A A A A	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
3RD 2003 4TH 2003 Not 12,09.03 Sampled 29,72 735,51 12,09,03 34503045 -55,38	388 388 10.7 10.7 10.6 20.0 20.5 40.5 40.02 40.03 40.03	0 0	V V V V V V V V V V V V V V V V V V V	<u> </u>	
Not 15T/03 2N Not 6 Sampled 177	20.5 20.5 15.1 15.1 280 3 <0.5 43 40.0 0.03 0.03 0.03	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60.5 60.5 60.5 60.5 60.5 60.5 60.5 60.5	40.5 40.5 40.5 40.5 40.5 40.5 40.5 40.5
Sampled 3RD/02 Sampled 765.23 S. 765.23 S. 732.46 553.38 9/17/2002 26102037	396 7.69 13.2 1.3 1.3 1.3 240 240 2.3 4 4 4 4 4 4 4 4 0.23 0.23 0.02 0.02	0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	(0.5) (0.5)	0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05
ATH/01 157/02 Not 3729/2002 Sampled 765.28 12.58 55.38 3729/2002 9102014	509 151 12.1 12.1 340 340 340 6.0.5 6.0.0	(0,0) (0,0)	(0.5) (0.5)	0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55
15T/01 2ND/01 3RD/01 Sampled 755.23 Sampled 31.8 755.23 Sampled 31.8 55.38 625/2001 17701004	960 18.4 10.3 3 3 3 3 3 58 58 58 50.73 0.02 <0.03 <0.03	(0.5) (0.5)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	40.55 40	(0.5) (0.5) (0.5) (0.5) (0.5) (0.5) (0.5) (0.5)
Purge) Feet Feet Feet Feet My Std.		100 100		ugh ugh ugh ugh ugh ugh ugh ugh	
Quarter > Evacuation Date Top of Casing Elevation Water Elevation (Before Pur Water Elevation Sample Date: Laboratory Sample Number Eh	Specific Conductance Turbidity Temperature Nitrate Aklainity Chloride Ammoria Total Organic Carbon Total fron Total fron Soluble fron Soluble fron Soluble Load Soluble Lead	1.1.1.2-Teirachloroethane 1.1.2.7-Teirachloroethane 1.1.2.7-Teirachloroethane 1.1.2-Trickloroethane 1.1.Dichloroethane 1.1-Dichloroethane 1.1-Dichloroethane 1.1-Dichloroethane 1.2.3-Trichloropenane 1.2.3-Trichloropenane 1.2.4-Trichloropenane	12-Dichloroethane 12-Dichloropropan 13.5-Trimethylbera 13.5-Trimethylbera 13.5-Dichloropropan 13.5-Dichloropropan 13.5-Dichloropropan 14.5-Dichloropropan 22.5-Dichloropropan 22.5-Dichloropropan 22.5-Dichloropropan 24.5-Dichloropropan 25.5-Dichloropropan 25.5-Dichlor	Bromdom Bromcomethrane Carbon letrachloride Chlorobethrane Chlorobethrane Chloropethrane Chloropethrane Chloropethrane Chloropene Cis-1, 2-Dichloropene Dibromorthane Dibromorthane Dibromorthane Dibromorthane Cis-1, 2-Dichloropene Dibromorthane Cis-1, 2-Dichloropene Cis-1, 2-	p-Xylene Sex Burghenzene Syrene Iert-Burghenzene Iert-Burghenzene Tetrachloroethene Toluene Irans-1,2-Dichloroethene Irans-1,2-Dichloroethene Irans-1,3-Dichloroethene Irans-1,3-Dichloroethene Irans-1,3-Dichloroethene Irans-1,3-Dichloroethene Irans-1,3-Dichloroethene Irans-1,3-Dichloroethene Irans-1,3-Dichloroethene

Quarter >	Units	3rd 2008	4th 2008	1st 2009	2nd 2009	3rd 200
Evacuation Date		Not	12/29/2008	3/30/2009	6/26/2008	Н
Top of Casing Elevation	Feet	Sampled	764.48	765.23	765.23	Sampled
Water Elevation (Before Purge)			736.21	740.32	737.67	
Į I	Feet		47	55.38	55.38	
Sample Date:			12/30/2008	3/30/2009	6/29/2009	
Laboratory Sample Number:			U0812540-003	U0903561-003	U0907008-003	
5	Zm/		76-			
Hd	Std.		8.69	80	8.42	
Specific Conductance	nmhos/cm		286			
Turbidity	DIN.		10			
Temperature	ပ္ထ		11.3			
Nitrate	mg/L		0.424			
Akalınıty	mg/L		100			
Amposis	mg/L		3.0			
Total Organic Carbon	- Pour		3 5			
Total Iron	10m		12.0			
Total Manager	1/0 6		2000			
Soluble Iron	ma/L		<0.030			
Soluble Manganese	mg/L		<0.020			
Total Lead	mg/L					
Soluble Lead	mg/L					
1,1,1,2-Tetrachloroethane	ug/L		<1.0	×1.0	×1.0	
1,1,1-Inchioroemane	Ug/L		0.12	0.1.0	0.15	
1 1 2-Trichloroathane	1/2		2.5	5 7	0.17	
1 1-Dichloroethane	1/0		2 2	7 7	7 7	
1.1-Dichloroethene	no/L		×1.0	× 4.0	×1.0	
1,1-Dichloropropene	7/60		<1.0	<1.0	<1.0	
	ug/L		×1.0	<1.0	<1.0	
- 1	ng/L		<1.0	<1.0	×1.0	
- 1	ug/L		<1.0	<1.0	<1.0	
- 1	ug/L		<1.0	×1.0	<1.0	
- 1	ug/L		0.12	×1.0	×1.0	
- 1	Ug/L		2.0	0.6	0.17	
- 1	1001		7 7	2.5	2.0	
- 1	1/01		0.5	2.5	2,5	
	no/L		<10	<1.0	410	
1	J/gn		<1.0	<1.0	×1,0	
	ug/L		0,1>	<1.0	<1.0	
	ug/L		<1.0	<1.0	<1.0	
	ng/L		<1.0	<1.0	<1.0	
	ng/L		0.12	0.1.0	V.1.0	
4-Chlorotoluene	ng/L		0.12	V-1.0	0.1.0	
-Isopropyrouene	יפק		0.12	0.12	0.12	
	1/01		210	2.5	2.5	
	no/L		010	×1.0	0,10	
Bromodichloromethane	Jon Jon		41.0	<1.0	<1.0	
	ng/L		<1.0	<1.0	<1.0	
lane	ug/L		<1.0	<1.0	<1.0	
	J/6n		×1.0	<1.0	×1.0	
	700		V-1.0	V-1.0	×1.0	
	J.67		7.0	0.12	0.10	
	7/0	1	7 7	0,10	0.0	
cis-1,2-Dichloroethene	NO/L		v 410	0.15	210	
	76		<1.0	41.0	0.1.0	
	J/6n		<1.0	<1.0	<1.0	
	76	1	<1.0	0.10	×1.0	
Dichlorodimuoromethane	7/6/		0.10	0. 7	0.0	
	700		7 7	7 7	7	
	nov.		0.15	1012	10.15	
	10/		<1.0	×1.0	×10	
	ug/L		<1.0	<1.0	41.0	
	ηğη		<1.0	<1.0	<1.0	
n-Butylbenzene	J/Gr		<1.0	41.0	×1.0	
	7/6n	+	Ş. Ç.	V 7	0.10	
	100		7 7	2	?	
sec-But/Ibenzene	76		<1.0	×1.0	<1.0	
	7/61		<1.0	<1.0	×1.0	
	J/G/L		<1.0	<1.0	<1.0	
	J/gr		<1.0	<1.0	×1.0	
	16,		4.0	× 1.0	41.0	
1	7,6		7 7	2.5	7.0	
T	100		, <u>, , , , , , , , , , , , , , , , , , </u>	, V	2.5	
Trichlorofluoromethane	J/Sn		×1.0	× 0.1	<1.0	
	10/L		<1.0	<1.0	<1.0	
١						

4th 2007 12/27/2007 22.55 741.09 33.4 12/28/2007	8.43 8.43 8.13 8.13 8.8 0.537 4.10	 <0.500 19.5 1.9 0.055 <0.030 <0.020 	0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1	2	0 0 0 0 0 0				
3rd 2007 9r20/2007 763.64 24.31 783.64 9.33 33.43 9r20/2007	-76 8.31 269 48.7 15.9 0.409 430 30.7	43.0 43.0 43.0 60.030 40.030 40.020	0.0000000000000000000000000000000000000	0.0000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2nd 2007 6/25/2007 763.64 20.81 742.83 33.4 6/26/2007	294 7.68 376 38.9 14 0.499 370	(3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0 (3.0	0 0 0 0 0 0 0	0.0.0.0.0.0.0	2 2 2 2 2 2 2	000000000000000000000000000000000000000			2
15t 2007 327/2007 763.64 17.1 746.54 33.4 327/2007 U0703462-003 U0	85 7.74 455 57 14.2 0.343 370 4.52	21.2 <3.0 2.3 0.059 0.036 <0.020	000000000000000000000000000000000000000	0.	V V V V V V V	200000000000000000000000000000000000000			0. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
72006 63.64 63.64 19.31 33.4 12006	111 7.31 6.49 9.8 9.8 370 370	0.693 0.23 <0.020 <0.020 <0.020	0.	0000000	0.	2000300000			000000000000000000000000000000000000000
3rd 2006 4th 9 21.06 1220 763.64 7 24.02 7 39.62 7 33.4 1221 0.0609386-004 10.061247	8.41 6.79 11.6 14.9 360 3.73	 <.5 <3.0 <0.45 <0.020 <0.035 <0.020 	000000000	5 5 5 5 5 5	000000000000000000000000000000000000000	20.10 20.10		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000000000000000000000000000000000000
2006 27.06 63.46 40.18 33.4 27.06	-80 8.24 682 7.43 16.2 0.46 700 5.76	20.5 <3.0 0.23 <0.020 0.034 <0.020	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u> </u>	2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2	000000000000000000000000000000000000000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
181 2006 2nd 03.07.06 06. 7 763.64 7 20.52 743.12 7 33.4 03.07.06 00.00603.145-004 U0606481	275 7.86 617 24.7 8.7 8.7 0.45 340 3.86	<.5 <3.0 0.5 0.05 <.030 <.020	0 0 0 0 0 0 0 0 0	0000000	0.0000000000000000000000000000000000000	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.0000000000000000000000000000000000000	0.0000000000000000000000000000000000000
3rd 2005 9.28.05 763.64 739.64 33.64 39.28.05 143.003 U0603	-65 8.48 8.25 44.5 17 0.56 380	 43.0 2 0.15 0.19 0.02 	0.2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	0.0000000000000000000000000000000000000	0.0000000	0.0000000000000000000000000000000000000			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
76050	-60 7.92 555 64.1 15.2 340 7.91	3.29 <3.0 2.7 0.099 0.12 <0.02	0.0000000000000000000000000000000000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
005 05 28 36 36 05 05 05	-15 7.43 4.86 10.8 10.8 5.36 5.36	43.0 43.0 5.096 0.17 0.02		0,0,0,0,0,0			200000000	000000000000000000000000000000000000000	0 000000000
15.21.04 15t.2 12.21.04 3.31 763.64 763 20.88 18 742.76 746 33.4 33 12.21.04 3.33		111111			2	0.0000000000000000000000000000000000000		0.	
3RD 2004 9 29 .04 763.64 22.5 741.14 33.4 9.29.04	631 111 111 116 700 700 332						111111		
2004 2ND 2004 1.04 6.8.04 1.64 763.64 1.69 20.49 2.04 6.9.04	74 -85 8.24 6.34 483 2.14 12 20.6 0.8 0.8 360 360		1 1 1 1 1 1					2	
4TH 2003 1ST 2004 12.09.03 3.28.04 763.64 763.64 23.37 20.68 740.27 742.85 33.4 33.4 12.09.03 3.29.04 34503035	-35 7.55 8 479 3.48 3.48 3.00 3.70 3.70 3.70 3.70 3.70 3.70					11111		7 V V V V V V V V V V V V V V V V V V V	
925.03 4TH 925.03 12.0 25.85 2 737.79 74 6.25.03 12.0 26803064 3450	2.2 5.33 2.33 13.5 0.5 350		0.0000000000000000000000000000000000000	0.	0.	0.1.0 0.1.0 0.1.0 0.1.0 0.1.0 0.1.0 0.1.0	000000000000000000000000000000000000000	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0. 0.0000000000000000000000000000000000
ZND2003 3 6.25.03 9.26 763.64 722.93 740.71 33.4 6.25.03 6.25 17703064 26	8.04 660 69.4 15.6 0.4 4	0.6 <3 <0.02 0.07 <0.02	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	6.0.00 6.0.00 6.0.00 6.0000 6.	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3.12.03 763.64 18.78 744.86 33.43 3.12.03	7.86 659 659 7.86 659 8.9 8.9 8.9 8.9			\	{			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2 4TH 2002 2 11/26/2002 1 763.64 763.64 3 73.84 3 33.87 2 11/26/2002	49.2 10.4							0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
22 3RD 2002 22 9/17/2002 84 763.64 25.71 25.71 33.49 22 9/17/2002 24 26102036	-60 -61 7.75 7.38 505 534 12.1 10.2 15.1 13.6 15.1 13.6 15.1 13.6 15.1 13.6 15.1 13.6 15.1 13.6 15.1 13.6 15.1 13.6 15.1 13.6							60.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2002 ZND 2002 2002 6/25/2002 3.64 763.64 1.59 74.183 3.34 33.4 2002 6/25/2002	7.54 7.54 7.54 7.54 7.54 7.54 7.54 7.54							0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	1
ATH 2001 15T 2002 Not 3/29/2002 Sampled 763.64 21.59 742.05 33.4 33.29/2005 9102015		V							0 0 0 0 0 0 0 0 0 0
3RD 2001 4TF 11/6/2001 7 763.64 Sai 27.6 736.04 33.4 11/6/2001	120 800 803 6.3 6.3 330	3.4	00.55 00.55 00.55 00.55 00.55 00.55 00.55 00.55	 < 0.5 	00 00 00 00 00 00 00 00 00 00 00 00 00	6.00 00 00 00 00 00 00 00 00 00 00 00 00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(A)
2ND 2001 6/25/2001 763.64 24.72 738.92 33.4 6/25/2001	80 774 770 17.1 11.1 10.3 350 4	0.05		60.5 60.5 60.5 60.5 60.5 60.5 60.5 60.5	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	20000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0.5) (0.5)
3/21/2001 763.64 72.38 741.26 3/21/2001 08201043	150 7.4 800 185 185 360 360	0.05 0.29 0.04 0.02	0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05	0.05 0.05 0.05 0.05 0.05 0.05 0.05	0 0 0 0 0 0 0	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05
Units Feet Feet Feet Feet	mV Std. Std. Vmhos/cm NTU ØC mg/L mg/L	7,6m 7,6m 7,6m	1,60 1,00 1,00 1,00 1,00 1,00 1,00 1,00	76n 76n 76n 76n	76n 76n	7/6n 7/6n 7/6n 7/6n	7/66 7/66 7/66 7/66 7/66	76n	7/6n 7/6n 7/6n 7/6n 7/6n
Quarter > Evacuation Date Top of Casing Elevation Water Level Water Elevation (Before Purge) Well Bottom Sample Date: Laboratory Sample Number:	Eh pH Specific Conductance Turbidity Temperature Nitrate Akalinity Chloride	Antmonia Total Organic Carbon Total Idea Soluble Iron Soluble Iron Soluble Iron	Soluble Lead 11.1.2-Tetrachloroethane 11.1.2-Trichloroethane 11.2.2-Tetrachloroethane 11.1.2-Trichloroethane 11.1.0ichloroethane 11.1.0ichloroethane 11.1.0ichloroethane 11.1.0ichloroethane 11.1.0ichloroethane 11.1.2.3-Tirichloropenae	1,2,3-Trichloropropane 1,2,4-Trichlorobarsene 1,2-A-Trimethylbenzene 1,2-Dibromo-3-chloropropane 1,2-Dichloroberhane 1,2-Dichlorobernane 1,2-Dichlorobarsene 1,2-Dichloroprane	1.2-Dichloropropane 1.3-Sirimelhylbenzene 1.3-Dichlorobenzene 1.3-Dichloropropane 1.4-Dichloropropane 2.2-Dichloropropane 2.2-Dichloropropane 2.2-Dichloropropane 2.2-Dichloropropane 2.2-Dichloropropane	4-Chirocolusene 4-Chirocolusene Benzene Bronzene Bromobenzene Bromochiromethane Bromodichloromethane Bromodichloromethane	Bornomethane Carbon tetrachloride Carbon tetrachloride Chloroberane Chloroform Chloroethane ds-1,2-Dichloroethene ds-1,3-Dichloroethene	Disconnocial control of the control	D-Xylane D-Xylane Sec-Butylbenzene Styrene ter-Butylbenzene Tetrachloroethene Trans-1 2-Dichloropropene Trans-1 3-Dichloropropene Trans-1 4-Dichloropropene Trichloroethene Trichloroethene Trichloroethene

Evacuation Date	Curts							
Evacuation Date		000000	000017010	00000	40,000,000	20000000	000000000	1000000
1		3/3/2008	252 64	9/22/27/8	764 48	2/30/2008	764.48	
Water Level	Feet	20.57	29.12	23.2	19.02	18.2	20.97	20.
Water Elevation (Before Purce)		743.07	734.52	741.28	745.46	746.28	743.51	744.
Welf Bottom	Feet	33.4	33,4	33.4	33.4	33.4	33.4	
Samole Date:		3/3/2008	6/24/2008	9/25/2008	12/30/2008	3/30/2009	6/29/2009	10/22/2009
Laboratory Sample Number:	٦	U0803039-003	U0806522-004	U0809489-003	U0812540-004	J0903561-004	J0907008-004	J0910503-
EP .	\ <u>E</u>	989	-53	200	2/2	100	104	1
Sacrific Conductions	9	620	200	819	585	571	335	114
Turbidity	I DISCOLLA	84	36.4	289	33.4	46,4	106	-
Temperature			15	16.9	10.9	8.4	16.1	
Nitrate		<0.200	0.319	0.277	0.435	0.236	0.243	<0.200
Alkalinity	mg/L	390	340	370	330	380	340	
Chloride	mg/L	12.9	4.47	3.51	3.4	5.56	5.11	
Ammonia	mg/L	3,11	<0.500	<0.500	<0.500	000.00	2.500	000.
Total Organic Carbon	mg/L	9.6	<3.0	C3.0	53.0	25.0	2.0	
Total Iron	mg/L	2.4	0.85	2.1	0.67	0.04	1.0	
Total Manganese	mg/L	0.58	0.026	0.10	0.03	0.023	0.10	1000
Solidole Iron	mg/L	0.036	00000	20.030	00000	00.00	020.02	
Soluble Manganese	$\overline{}$	20.020	020'05	20.050	10.020	070.07	240.07	
Solible Lead	mo/l							
1.1.1.2. Tetrachlomethane	$\overline{}$	C1.0	<1.0	× 1.0	<1.0	<1.0	<1.0	V
1.1.1-Trichlomethane	_	210	<1.0	4.0	<1.0	<1.0	41.0	v
1 1 2 2-Tetrachloroethane	1/07	×1.0	<1.0	×1.0	<1.0	<1.0	41.0	V
1.1.2-Trichloroethane	-	0,1>	<1.0	×1.0	0.10	×1.0	<1.0	v
1 1-Dichloroethane	_	0.10	×10	×10	×1.0	41.0	×1.0	V
1.1 Dichloroathone	100	410	<10	<1.0	41.0	<1.0	×1.0	v
1 1-Dichloropropene	-	0.50	<1.0	<1.0	<1.0	×1.0	<1.0	
1.2 3-Trichlorohenzene	1	2,0	<1.0	<1.0	<1.0	<1.0	<1.0	v
1 2 3 Troplomorphon	$\overline{}$	2 5	C10	×10	0.10	×10	<1.0	ľ
12.3-IIICIIOIODIOPARIE	-	2 5	01.0	610	410	V 10	<1.0	ľ
i,z,4-i richiorobelizene	\rightarrow	7 7	2 4	2 7	2 5	2.5	1012	V
1,2,4-1 nmemyloenzene	-	0.7	2.0	2 3	2 7	2	012	
1,2-Uibromo-3-chloropropane	ng/L	0.0	0.1.	2,7	2 7	2	1	
1,2-Dibromoethane	-	0.12	0.12	0.15	0.12	7 7	5. 7.	"
1,2-Dichlorobenzene	_	0.15	0.12	0.1.0	0.7	0.0	2 3	
1,2-Dichloroethane	\rightarrow	v.	×1.0	V-1.0	0.10	0.12	0.1.0	' `
1,2-Dichloropropane	-	۲۰ ۲۰	×1.0	<1.0	0.1.0	0.1.0	0.12	v 1
1,3,5-Trimethylbenzene	-	×1.0	<1.0	<1.0	0.15	۷٦.٥	0.1.0	
1,3-Dichlorobenzene	-	<1.0	<1.0	<1.0	۷.1 د	×1.0	×1.0	•
1.3-Dichloropropane	J/gn	×1.0	<1.0	<1.0	<1.0	<1.0	×1.0	`
1,4-Dichlorobenzene	_	<1.0	×1.0	<1.0	<1.0	<1.0	×1.0	V
2.2-Dichloropropane	uo/L	<1.0	<1.0	×1.0	<1.0	41.0	<1.0	, v
Chlorotoluene	1	<1.0	<1.0	<1.0	×1.0	<1.0	<1.0	v
4-Chlorotoluene		410	<1.0	<1.0	<1.0	<1.0	<1.0	\
4-kooronyltolijana		<10	×10	<1.0	×1.0	×1.0	<1.0	\
Ponton Production	1,01	<0.5	50.5	× 55	<.5 <.5	<.5	<.5	V
Promohoragos		010	×10	×10	410	<1.0	×1.0)
Promochloromethane	1/01	210	× 10	V 10	41.0	<1.0	<1.0	v
Domodichloromothere	1/0:	210	×10	×10	410	<1.0	×1.0	v
Distriction of registral	1/6:	2,7	5. 5	10,10	2012	×10	×1.0	ľ
Mailloidilli Mailloidilli	1/6:	2 5	5 5	10,10	V V	410	×1.0	ľ
Carbon totrachlorida	1,00	20.5	5.5	2,0	×1.0	410	×1.0	V
Thoroporation	1 2	2	210	0.10	<1.0	410	×1.0	v
Chlorothan	1,00	2 5	5. 2	200	×10	×10	<1.0	V
Chilotodalidire	7 6:	2 7	2.5	2.5	×10	×1.0	<1.0	ľ
Chiorororm	U9/L	7 7	2 5	2 2	200	21.0	×10	ľ
Chloromethane	Ug/L	0.17	2.0	2 7	7 7	5 5	212	V
cis-1,2-Dichloroethene	ng/L	0.12	0.12	0: 7	7.7	7 7	0.1.0	
cis-1,3-Dichloropropene	7,60	0.1.0	0.1.5	0.12	2 7	2 7	2 0	
Dibromochloromethane	ng/L	0.12	0.15	0.12	2.0	7 7	2.5	
Dibromomethane	ug/L	×1.0	0.12	0.15	0.15	0.10	5. 5	' `
Dichlorodifluoromethane	ng/L	<1.0	<1.0	c1.0	0.12	0.12	V. 1.0	' `
Ethylbenzene	ng/L	<1.0	<1.0	<1.0	×1.0	×1.0	0.12	
Hexachlorobutadiene	ng/L	<1.0	<1.0	<1.0	<1.0	×1.0	×1.0	v
Isoprapylbenzene	ng/L	<1.0	<1.0	<1.0	۲٠ م	×1.0	×1.0	V
n & p Xviene	na/L	× 0.1.0	<1.0	<1.0	<1.0	<1.0	<1.0	`\
Methylene chloride	no/L	×1.0	<1.0	<1.0	v1.0	<1.0	o.1.o	
Naphthalene	no/L	0.1>	<1.0	<1.0	V-1.0	<1.0	<1.0	×1.0
1-Butylbenzene	ua/L	×1.0	<1.0	<1.0	<1.0	<1.0	<1.0	۷
-Propylbenzene	Jon.	×1.0	o:1>	<1.0	<1.0	<1.0	<1.0	V
-Xvlene	ua/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7
-Xviene	na/L							
sec-But/benzene	no/L	0.10	<1:0	<1.0	<1.0	<1.0	<1.0	₹
Styrene	110/1	<1.0	<1:0	<1.0	<1.0	<1.0	<1.0	V
Olylene out Duhdhomana	760	410	<10	<10	<1.0	<1.0	<1.0	V
BIT-Dulying Icelle	1,50	2 7	24.0	V 10	V10	<10	<1.0	<1.0
etrachioroemene	ng/L	2 5	2 5	2.5	017	210	V 10	1
Toluene	ug/L	0.15	0.12	7.1.7	2.5	? ?	2,0	
rans-1,2-Dichloroethene	ng/L	×1.0	0.12	0.12	0.12	2.5	3,5	
trans-1,3-Dichloropropene	ng/L	<1.0	<1.0	41.0	×1.0	0.10	0.1.0	1
Trichloroethene	ng/L	×1.0	<1.0	0.1.0	<1.0	o.1.0	0.1.0	
Trichforofluoromethane	ua/L	<1.0	<1.0	<1.0	0.10	c.1.0	~1. 0	v
	,		40.		1	7	7.0	

٥->	Ige 1
>	a

2nd 2007	6/25/2007 757.52 34.3 723.22 48.9 6/26/2007 U0706507-013	444 6.74 16.8 17.7 17.7 00.236 300 424 424 424 1.89 32.1 1.1 0.095 0.095		2.1.0 6.1.0 6.1.0 6.1.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7
1st 2007	3/27/2007 757.52 20.12 737.4 48.9 3/27/2007 U0703462-004 U0	47 7.00 1884 29.2 29.2 17.9 40.2 6.04 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000000
4th 2006	12/20/2006 757.52 33.78 723.74 48.9 12/21/2006 U0612417-004 U0	7.03 3090 10.6 7.6 60.2 858 3.31 80 9.6 0.087 0.15		0.0000000000000000000000000000000000000
3rd 2006	9.21.06 757.52 33.44 724.08 48.9 9.21.06 386-016	2010 2120 2120 2120 2120 2120 40.2 770 770 280 3.23 3.23 3.23 3.23 3.23 3.23 3.23 3.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2
2nd 2006	06.27.06 757.52 33.63 723.89 48.9 06.27.06	40 7.43 2340 15.2 15.6 40.2 60 262 . 0.504 5.7 0.032 0.032	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5
1st 2006	03.07.06 787.52 33.2 724.32 48.9 03.07.06 U0603145-014 U06	-30 6.92 2310 2310 7.6 7.6 7.0.2 800 424 1.44 1.00 100 18 0.16 8.7		3000
4th 2005	12.19.05 757.52 33.3 724.22 48.9 12.20.05 U0512340-008 U06	-15 2310 2310 20.6 5.5 6.25 910 308 6.25 160 7.8 0.14 0.14	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	280 280 280 41.0 61.0 61.0 61.0 41.0
2nd 2005	6.28.05 757.52 34.44 723.08 48.9 6.29.05 U050655-013 U051	2370 2370 31.6 15.6 15.6 1200 480 11.4 7 7 7 10.21 120 120 120 120 120 120 120 120 120 1	8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	(1.0 (1.0 (1.0 (1.0 (1.0 (1.0
1st 2005	3.31.05 757.52 34.78 722.74 48.9 3.31.05	-20 1901 1901 1256 11.8 40.2 920 724 724 724 66 66 6.2 0.19		\$8 88 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10
4th 2004	12.21.04 757.52 33.84 723.68 48.9 12.21.04	22.8 1803 32.8 8.23 4.20 1000 1000 147 62 62 0.067 0.067	00000000000000000000000000000000000000	410410410410410410
3RD 2004	9.29.04 757.52 33.73 723.79 48.9 9.29.04 U0410029-004	-18 2550 2550 2258 22.8 12.3 4.2 910 306 7.27 7.27 7.27 160 27 8.2 8.2 8.2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	410 410 410 410 410 410 410 410 410 410
2ND 2004	6.8.04 757.52 33.71 723.81 48.9 6.9.04 U0406352-015	-60 2230 2230 38.5 17.3 17.3 710 710 6.9 6.9 6.9 0.079 0.079	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$2.0 \$2.0 \$2.0 \$2.0 \$2.0 \$2.0
1ST 2004	3.29.04 757.52 33.2 724.32 48.9 3.29.04 9004028	26 7.29 1542 66.7 14.2 14.2 10.2 80 280 280 280 280 280 280 0.32 0.32	000000000000000000000000000000000000000	
03 4TH 2003	12.09.03 36 33.8 16 723.72 3.9 48.9 12.09.03 65 34503036	7.14 7.04 1549 1347 10.28 1367 20.2 8.50 300 300 300 300 0.55 300 0.55 300 0.55 300 0.55 300 0.55 300 0.55 300 0.55		
2ND2003 3RD2003	6.25.03 9.25.03 757.52 757.52 33.41 33.36 724.11 724.16 48.9 6.25.03 9.25.03 17703065 26603065	-30 -7.746 -7.746 -7.757 -17 -7.577 -0.17 -39 -99 -99 -99 -99 -99 -99 -99 -99 -99		
2003	3.12.03 6.2 757.52 77 33.12 3 724.4 77 48.9 6.2 3.12.03 6.2 7103089 1770	-25 7.29 1741 1741 1741 7.4 43.2 7.4 40.2 2.2 9 9 9 9 1.5 0.73		7 8 8 8 8 8 8 8
4TH 2002 1ST	11/26/2002 3 757.52 33.56 723.96 48.72 11/26/2002 3	22.1 22.1 22.1 29.0 690 690 290 290 2,1 4,4 4,4 0,01 0,09	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0.05 0.05 0.05 0.05 0.05 0.05 0.05
3RD 2002 4	757.52 33.94 723.58 48.9 9/17/2002 11 26102038	.25 6.74 1579 32.7 12.6 710 710 340 1.6 2.1 2.1 2.1 2.0 0.08	2 2 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 8 8 8 8 8 8
2ND 2002	6/25/2002 757.52 33.18 724.34 48.9 6/25/2002 17602023			7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
1ST 2002	3/29/2002 757.52 33.03 724.49 48.9 3/29/2002	6.81 1540 1540 1540 1540 1540 1540 1540 154		0.66666361
2001 4TH 2001	7.52 Sampled 4.08 3.44 48.9 9001	 ~80 7.1 11800 12 12 21.2 21.2 250 250 250 250 27 110 7.1 7.1 0.14 0.15 0.11 	\$\pi \pi \pi \pi \pi \pi \pi \pi \pi \pi)
2ND/2001 3RD2	757.52 757.52 34.6 34.08 722.92 723.44 722.92 723.44 6125/2001 11/6/2001 17701005 31101006	4-80 17.7.7 12.22000 11 2.3.7 7.30 4.4 4.4 6.66 6.64 0.64 0.64 0.64 0.64 0.64 0.64	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
1ST 2001 2ND	3/21/2001 6/25 757.52 7 28.95 7 77.57 7 48.9 3/21/2001 6/25	> range 7.1 2400 4.3 4.3 4.0.2 26 2.6 9.6 9.6 9.6 9.6 0.27 0.27 0.23		29 65 65 65 65 65 65 65 65 65 65 65 65 65
\parallel	Feet 3/2 Feet 3/2 Feet 3/2	M Mos/cm U U L L L L L L	202623232323232323232323232323232322222222	
Event	(96)			76n eue
Quarterly Sampling 6	Evacuation Date Top of Casing Elevation Water Level Water Elevation (Before Purr Well Bottom Sample Date: Laboratory Sample Number.	En pH Specific Conductance Turbidity. Temperature Nitrate Alkalinity Chloride Ammonia Total Organic Carbon Total Iron Total Iron Total Iron Soluble Iron Soluble Iron Soluble Manganese	l Colubie Lead 1.1.1.2-Tetrachloroethane 1.1.1.2-Tetrachloroethane 1.1.1.2-Tetrachloroethane 1.1.1.2-Trichloroethane 1.1.2-Trichloroethane 1.1.2-Trichloroethane 1.2.3-Trichloropropane 1.2.4-Trichloropropane 1.2.4-Trichloroethane 1.2.4-Dichloropropane 1.2.4-Dichloroethane 1.2.4-Dichloroethane 1.2.4-Dichloroethane 1.3.5-Trimethylbenzene 1.3.5-Chlorotolusne 1.3.5-Ch	Tetrachoroethene Toluene Toluene Trans-1,2-Dchloroethene Trans-1,2-Dchloroethene Trichloroethene Trichloroethene Trichloroethene

Evacuation Date Top of Casing Elevation Water Level Water Elevation (Before Purge) Well Bottom Sample Date: Jaboation Sample Number:	Feet	9/20/2007 Not	3/3/2008		00000000				
등 일 1 달	Lee		757 50	NOI	9/25/2008	Not	Not	Not	10/22/200
[일 [일	Feet	34.12 Sampled	29.37	2	33.66		Caldinac	200	32.9
Date:	Foot	723.4	728.15		723.86				724.5
	100	9/20/2007	3/3/2008		9/25/2008				10/22/2009
		00/09/91-004	00000000		000000000000000000000000000000000000000				00-0001800
	\E_{1}	-36	64		-24				20
Nonecific Conductance	otd.	6.45	1882		1961				36.
3	NTU	23.7	13.7		105				19.4
ure	ØC	14.6	15.1		15.8				10.
	mg/L	<0.200	<0.200		<0.200				<0.20 74
	mo/l	529	308		302				312
Ammonia	ma/L	0.847	1.17		3.32				3.4
	mg/L	7.1	52.4		65				4
	mg/L	0.55	0.34		23				2.
	mg/L	0.085	0.083		0.19				0.1
	mg/L	0.045	0.051		0.43				<0.030
Solubie Manganese	mg/L	0.094	0.088	1	0.13				5
	mo/			1					
	J/or	<1.0	<1.0		<20				7
	UQ/L	<1.0	<1.0		<2.0				۲۰.
1,1,2,2-Tetrachloroethane	Ug/L	<1.0	×1.0		<2.0				۲۰.
	Ug/L	<1.0	<1.0		<2.0				Α,
	7/60	<1.0	<1.0		<2.0				<1.
	J/br	<1.0	<1.0		<2.0				<1.
	J/Gn	<1.0	<1.0		<2.0				7
	J/GO	<1.0	<1.0		<2.0				7.
	ug/L	<1.0	<1.0		<2.0				7.
	J/6n	<1.0	v1.0	ła la	<2.0				5
	ug/L	41.0	v1.0		<2.0				
ane	J/Gin	c1.0	×1.0		<2.0				1
	ug/L	c1.0	41.0		<20				7
	ug/L	0.12	0.12		25.0 20.0				7
	1/6n	0,12	0.12		0.50				7 7
	J/Gn	0.12	0.15		0.20				7
	7/6/	0.12	0.12		0.20				7
	1,61	0.12	0.17		250				7 7
	J/60	0.12	0.12		22.0				7 7
	100	0.17	0.7		75.0				V
	1/6	2.1.0	5.7		7,00				V
	1,00	2.5	2 2		2000				7
	1/6:	2.5	, , ,		000				7
Berrene	1/2	200	2 4		42				2
	1/0	2.01 710	210		<2.0				2
	1/0	200	0.17		C2 0				7
	1/6	2,0	2.5		220				7
Domoform	1,0	7 7	2.5		22.0				1
	7,67	0.10	0.0		25.0				\ \ \
Corporation	767	7.0	0.7	-	22.0				\ \
	100	7 7	200		000				1
	191	0.5	1.0		70				5.5
	100	0.0	720		000				
	1/0	2.0	7 7		220				1
cis-1 2-Dichloroethood	1,00	7.0	2.5		220				7
	1/0	<10	010		<2.0				۸۱.
	1/0	<10	<10		<2.0				2
	100	2.5	7		000				7
٩	1/0	<1.0	010	-	<2.0				₽.
	1/0	×10	<10		<2.0				2
	1/0	<1.0	<1.0		<2.0				₹.
	1/0	<10	0.12		<2.0				۸.
Methylene chloride	1/0	95	0.10		<2.0				<u>^</u>
	1/0	210	×10		<2.0				41.
	1/0	<1.0	<1.0	-	<2.0				٩.
	1/0	<1.0	<1.0	-	<2.0				دا.
n-Provibenzene	1/0	<1.0	<1.0		<2.0				۲۰
	۵/۲	<1.0	× 41.0		<2.0				, -
	9/1								
sec-Butylbenzene	g/L	<1.0	<1.0		<2.0				۲۰
	0/1	<1.0	<1.0		<2.0				.t>
	a/L	41.0	<1.0	-	<2.0				۸۱.
Tatrachloroethene	0/1	<10	<1.0	-	<2.0				<1.0
	1/0	3.2	1,6		22				۲.
٩	1/0	<1.0	×1.0		<2.0				۲,
	1/0	<1.0	×1.0		<2.0				<1.0
2	2/2	<1.0	<1.0		<2.0				, t
	100	270	210		C2 0				\
Trichlorofluoromethane	9/1	0.12	2.1		75.0				

7 2nd 2007	7 6/25/2007 734.71 21.08 713.63 37.26 6/26/2007	115 8.36 1215 18.9 18.9 0.765 300 40,500		5 5 5 5		5 5 5	V V V	5 5	চ চ চ	চ্চ			♥			5 0 0		70/7					5 5 3					\\ \ \\ \ \\ \ \ \ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
4th 2006 1st 2007	20.06 3/27/2007 NA 734.71 NA 716.21 S7.26 3/27/2007 11.06 3/27/2007 -005 U0703462-005	76 13 7.31 7.72 1409 738 6.49 72.2 1.0.3 16.2 1.14 1.73 340 210 2.297 4.53.0 0.500 4.53.0	1.6 0.32 0.20										8																	
3rd 2006 4th	9.21.06 12.20.06 734.71 734.71 NA NA 37.26 37.26 9.21.06 12.7.06 U0609386-005 U0612417-00516	8.44 9.52 1.5.7 1.8 3.00 0.05.00 4.00 1.08	0.42 0.12 0.09 0.09 <0.020	1.6	5 5 5 5 S	5 5 5	5 5 3	2 2 2	5 5 5	7 5 5	₹ ₹	5 5	<.50	5 5 5	 	7 T T	V V	, v ;	7 5 7	7 5 3	4:	5 5	5 5	5 5	₽ ₽	₹ 5	<1 4 5	? ₹ ₹	2.1	V V
	Sampled Sampled U060																													
1st 2006	03.07.06 734.71 NA NA NA 37.26 03.07.06	7.75 1947 7 799 2.55 2.60 442 <0.500	0.47 0.08 0.035 <0.020	22.2	V V V	V V V	55	V V	ত তা	5 5 5	5 5	চ চ	8.5	V V 3	5 5	7 7 7	7 7	7 5	7 5	7 5	V V	V V	ত ত	5 5	2 2	2 2	120	; v v	V -	22
3rd 2007	9/20/2007 734.71 16.33 NA 12.02 9/20/2007	.39 .34 7.44 7.44 4.92 4.92 14.2 0.2 580 120 4.42	5.4 0.13 0.093 0.11	V V V	2.8	5 5 5	5 5	5 5 5	555	7 V	১ ১	5 5	1.6	5 5 7	V V	V V 2	? V 7	, 2	7 V	V V	5 5	5 5	হ হ	7 7	চ চ	55	চচ	5 5	V V	V V
3rd 2005	37.26 37.26 37.26 37.26 37.26 37.26 37.26 37.26	-60 8.32 987 7.49 17.5 1.3 360 203 <0.500	0.75 0.020 0.18 0.020	27.2	0 0 0 0	চ চ চ	চচ	১ ১ ১	V V 1	ত ত ত	চ চ	5 5	\$ 5	V V 3	V V	5 5 5	7 5 7	7 5	v v	V V	V V	V V	১ ১	⊽∇	V V	\vartrig \va	5 2	চ চ	1,5	v v
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	oled 734,71 19.83 714,88 3729/2002 9102019	-51 7.27 7.27 885 8.74 10.6 200 200 200 34	20.05 0.007 0.007	<0.5 <0.5 <0.5 <0.5	40.5 40.5 5.05 8.05	2.05 3.05 3.05	<0.5 <0.5 <0.5	0.00	40.5 60.5	0.00	0.5	<0.5	<0.5	00.5	0.5	0.05	5.05	40.5	<0.5	<0.5	<0.5 <0.5	<0.5	<0.5	<0.5	<0.5	\$0.5	0.5	0.05	<0.5	<0.5
3RD/01 4TH/0	734.71 Sampled 734.71 Sampled 71/6/2001 71/6/2001	85 7.3 1500 5.6 14 3.4 270 190 190	0.07 0.07 0.07	<0.5 <0.5 <0.5	\$0.5 \$0.5 \$0.5	\$0.5 \$0.5 \$0.5	0.5	0 0 0	\$0.5	0.5	\$0.5 \$0.5 \$0.5	<0.5	<0.5	<0.5 <0.5	\$0.5 \$0.5	<0.5	60.5	\$0.5 50.5	<0.5 <0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5 0.5 0.5	×0.5 %	20.5	<0.5
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Quarter >	Evacuation Date Top of Casting Elevation Water Level Water Elevation (Before Purg Well Bottom Sample Date Laboratory Sample Number:	Eh Specific Conductance Specific Conductance Turbidity Nivate Nivate Alkalinity Chloride Ammonia Chloride Ammonia Chloride	Total Organic Carbon Total fron Soluble fron Soluble Manganese Total Lead	Soluble Lead 1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane	1,1,2-Inchloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloropropene	1,2,3-Trichlorobenzene 1,2,3-Trichloropropane 2,4-Trichlorobenzene	1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloroprop	1,2-Dichlorobenzene 2-Dichloroethane	1,2-Dichloropropane	1,3-Dichloropropane 1,3-Dichloropropane	2,2-Dichloropropane	4-Chlorotoluene 4-Isopropyltoluene	3enzene Iromobenzene	Bromochloromethane Bromodichloromethane	Bromonethane	Chlorobenzene	Chloroform	cis-1,2-Dichloroethene	Dibromochloromethane	Dichlorodifluoromethane	Ethylbenzene Hexachlorobutadiene	Isopropylbenzene m/p-Xylene	Methylene chloride Naphthalene	n-Butylbenzene n-Propylbenzene	o-Xylene n-Xylene	ec-Butylbenzene	tert-Butylbenzene	Telland Tollone Tollone Tollone Tollone	ans-1,3-Dichloropropene	Trichlorofluoromethane Vinyl chloride

2nd 2007 6/25/2007 728.79 13.78 715.01 6/26/2007	-125 8.36 8.36 8.36 43.6 1.84 1.84 2.80 2.80 <.0.5 6.3	0.036	5555555	च च च च च च	\(\bu \) \(\	5 5 5 5 5	চ চ চ চ চ চ	তিতিতিতিতি		555	5 5 5 5 5 5 5
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2002 1ST 2003 2002 3.12.03 8.79 728.79 0.52 8.35 8.27 720.44 7.15 26.21 7.15 26.21 2002 3.12.03									40.5 40.5		2
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Units Feet Feet Feet	mV Std. Std. NTU ØC mg/L mg/L mg/L mg/L	7/6ш 1/6ш 1/6ш	16, 16, 16, 16, 16, 16, 16, 16, 16, 16,				78n 78n	7/6n 7/6n 7/6n	7/6n 7/6n 7/6n 7/6n	7/6n 7/6n 7/6n 7/6n	765 1765 1765 1765 1765 1765 1765 1765 1
levation (Before Purge)	tance	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	oroethane thane fiane ne	enzene Opane snzene Enzene iloropropane ne	zene ine snzene snzene ane	zane lane	ethane ethane ide	thene ropene sthane	nethane iene		e e sethene propene thane
Quarter > Quarter > Top of Casing Elevation Top of Casing Elevation Water Level Water Elevation (Before Purge) Sample Date: Laboratory Sample Number:	Eh pH Specific Conductance Turbidity Temperature Mirate Alkalinity Chloride Ammonia Total Organic Carbon Total Iron	Total Manganese Soluble Iron Soluble Manganese Total Lead Soluble Lead	1.1.1.2-Tetrachloroethane 1.1.1-Trichloroethane 1.1.2-Tetrachloroethane 1.1.2-Trichloroethane 1.1.Dichloroethane 1.1.Dichloroethane 1.1.Dichloroethane 1.1.Dichlorocthane 1.1.Dichlorocthane 1.1.Dichlorocthane 1.1.Dichlor	2.3-Trichlorope 2.3-Trichlorope 2.4-Trichlorobe 2.4-Trimethylbe 2-Dibromo-3-ch	1.2-Dichlorobenzene 1.2-Dichloroethane 1.2-Dichloropane 1.3-Dichloropane 1.3-Dichloropane 1.3-Dichloropane 1.3-Dichloropane	4-Dichlorobenz 2-Dichloroprop -Chlorotoluene -Chlorotoluene -Isopropyltoluen enzene	Bromobenzene Bromodichloromethane Bromodichloromethane Bromodichm Bromomethane Bromomethane Carbon tetrathloride	Chloroethane Chloroethane Chloroethane Cis-1,2-Dichloroethene cis-1,3-Dichloroethene Dibromochloroethane	Dichlorodifluoromethane Ethylbenzene Hexachlorobutadiene Isopropylbenzene m/p-Xylene Methylene chloride Nachthalene	n-Butylbenzene n-Propylbenzene o-Xylene p-Xylene sec-Butylbenzene Styrene	Tetr-Buylbenzene Tetrachloroethene Toluene trans-1,2-Dichloroethene trans-1,2-Dichloropropene Trichloroethene Trichloroethene Trichloroethene Trichloroethene

2nd 2007 6/25/2007 733.62 19.67 713.95 32.05 6/26/2007	96 17.78 1824 13.2 13.0 13.6 0.918 6.6 0.043 1.1 0.032		চ চ চ চ চ চ চ চ চ	\$\\ \bar{\alpha}\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		\(\sigma\)
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3.d 2006 9.21.06 733.62 718.62 32.05 9.21.06 9.21.06	7.7 8.36 1.807 4.72 1.28 1.3 3.05 3.05 3.05 6.02 6.02 6.032 6.032	00000000000	0000000000	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 5 5 5 5 5 5 5 5 5
2nd 2006 06.27.06 733.62 19.67 713.95 32.05 06.27.06	5080 4.89 4.89 14.2 14.2 2.2060 2.2060 2.2060 2.000 7.7 7.7 0.007 6.003	0000000000	V V V V V V V V V V V V V V V V V V V	V V S V V V V V V V V V V V V V V V V V		\(\sigma \sigma
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12.21.05 13.62 14.78 718.84 32.05 12.21.05 U0512340-010 U	4480 4800 13.36 4800 13.1 7.3 7.3 7.3 7.3 1.1 1.1 2.0 4.0 5 5 5 6 7.0 4.0 6 7.0 6 7.0 6 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0		<u> </u>	V V V V V V V V V	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<u> </u>
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1st 2005 3.31.05 733.62 720.08 32.08 3.31.05 7 U050	222 222 8.2 1.4 1.4 270 8.2 28 2.8 2.8 2.8 2.8 2.8 2.8 3.8 0.009	\	<u> </u>	\(\frac{\pi}{\pi}\) \(\frac{\pi}{\pi}\pi\) \(\frac{\pi}{\pi}\) \(\frac{\pi}{\pi}\) \(\frac{\pi}{\pi}\) \(\frac{\pi}{\pi}\) \(\		<u> </u>
24 th 2004 21.21.04 22.73.62 38 14.32 14.32 22.05 32.05 32.05 34.05 37.05 37.05 37.05						\(\sigma\)
3RD 2004 4 9.29.04 733.62 16.38 717.24 5 32.05 100410029-007	-33 860 20.6 11.3 11.3 11.3 10.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
6.8.04 733.62 718.26 718.26 32.05 6.9.04 U0406352-007	7.76 2360 7.87 13.6 13.6 780 780 780 700 700 700 700					
3.29.04 733.62 721.41 721.41 32.05 9004031	0.04 0.04 0.04 0.04			V V 9 V V V V V V V V V V V V V V V V V		
3RD2003 4TH 2003 733.62 733.62 17.38 14.62 7716.24 719 32.05 32.05 9.25.03 12.09.03					<u> </u>	
2ND2003 3RI 6.25.03 9 733.62 7 16.35 717.27 7 32.05 6.25.03 9,		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	60.60 60 60.60 60 60.60 60 60 60 60 60 60 60 60 60 60 60 60 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3.12.03 733.62 733.62 719.71 32.05 3.12.03 7103094	32 7.43 397 3.6 6.9 2.6 6.9 2.6 1.00 1.00 6.3 3.3 6.24 0.24	0.55 0.05 0.05 0.05 0.05 0.05 0.05 0.05	6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0,00,00,00,00,00,00,00,00,00,00,00,00,0
11/27/2002 733.62 16.95 71.67 32.02 11/27/2002			00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	(0.5) (0.5)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
9/17/2002 733.62 19.66 19.96 717/2002 9/17/2002 26/10/2043	2880 2880 4.97 14.11 14.11 8.6 420 940 940 967 0.67 0.67				9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
22 2ND 2002 22 733.62 21 76.85 21 76.85 32.05 22 6252002 24 7502028					0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3/29/2002 1 733.62 1 72.11 1 72.14 32.05 37.9/2002 9102008	2040 1.193 1.294 1.21 12.1 4.7 4.7 7 7 0.18	3 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
3RD 2001 4TH 200 11/6/2001 733.62 Not 15.2 Sampled 718.42 23.05 11/6/2001 31101011	25600 18:3 13 13 13 13 13 13 10 13 10 10 10 10 10 10 10 10 10 10 10 10 10	0,000,000,000,000,000,000,000,000,000,	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00.50 00.50
ZND 2001 3F 6/25/2001 11 733.62 716.72 32.05 32.00 11701010 31		6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0.5) (0.5)	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
3/21/2001 6 3/21/2001 6 73.62 72.72 32.05 3/21/2001 6		(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60.6 60.6 60.6 60.6 60.6 60.6 60.6 60.6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Units Feet Feet Feet	os/cm	76n 76n 76n 76n 76n 76n 76n 76m	7/6n 7/6n 7/6n 7/6n 7/6n 7/6n	7650	7/6n 7/6n 7/6n 7/6n 7/6n 7/6n 7/6n 7/6n	7/5n 7/5n 7/5n 7/5n 7/5n 7/5n
te Elevation n (Before Purge) nple Number.	dance arbon	oroethane thaire thaire thine ine sine sine sine sine sine sine si	4-chloropropane Hane anzene Thane Opane Opane Opane Opane	hane ethane ide	inthene ethane ethane ethane lethane lethane lethane	
Quarter > Evacuation Date Evacuation Date Top of Casing Elevation Water Level Well Bottom Sample Date: Laboratory Sample Numb	Eh DH Specific Conductance Specific Conductance Turbidity Temperature Nitrate Artimoria Artimoria Artimoria Total Organic Carbon Total Angianese Soluble Iron	Soluble Lead Soluble Lead Soluble Lead Soluble Lead 1.1.1.2.Ferrachloroethane 1.1.2.2.Terichloroethane 1.1.2.2.Terichloroethane 1.1.2.1.Tichloroethane 1.1.2.3.Tichloroethane 1.1.2.3.Tichloropropene 1.2.3.Tichloropropene 1.2.3.Tichloropropene 1.2.3.Tichloropropene 1.2.3.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene 1.2.4.Tichlorobenzene	1.2-Ditromo-3-chloroprop 1.2-Dichloropethane 1.2-Dichloropethane 1.2-Dichloropropane 1.3-F-Trimethylbenzene 1.3-Dichloropropane 1.3-Dichloropropane 1.4-Dichloropropane 2.2-Dichloropropane 2.2-Dichloropropane	4-Chlorotoluene 4-isopropylduluene Benzane Bornobenzane Bromochloromethane Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Calnorobenzane Chlorobenzane	Chlocromethane Chlocromethane Cis-1.2-Dichloroethene Cis-1.2-Dichloroethene Cis-1.3-Dichloroethene Cis-1.3-Dichloroethane Cis-1.3-Dichlor	p-Xylene sec-Butylbanzene Syrene tert-Butylbanzene tert-Butylbanzene Tetachlorgethane Toluene trans-1,2-Dichloropropene trans-1,3-Dichloropropene Trichloroethane Trichlorofloromethane Trichlorofloromethane

Top of Casing Elevation Water Level Water Elevation (Before Purge)			12/2//2007	3/3/2000	6/24/2008	9/25/2008	12/29/2008	3/3	6002/0
ster Elevation (Before Purge	Feet	733.62	12.04	733.62	733.62	733.62	733.62	22	5.09
all Rottom	Foot	713.79	32.05	722.32	716.84	716.84	723.69	718	3.53
Sample Date:		9/20/2007	12/28/2007	3/3/2008	6/25/2008	9/25/2008	12/30/2008	3/30/2009	009 6/29/2009
		AT.	78	1	38	32	47		a a
		8.17		7.61	79.7			00	=
Specific Conductance Turbidity	umhos/cm NTU	1703	7.01	21.5	20.4	78.9	1506	2	20.3
Temperature	oc a	14.2		11.5	14.3				5.7
alinity		360		140	3400				370
Chloride	тg/L	П		1960	2200				978
Imonia Par Organia Carbon	mg/L	<0.500		<0.500	<0.500			5	7.
al Iron	mg/L	0.75		0.99	22				1
al Manganese	mg/L	0.76		1.3	7.5			0	7.8
Tuble Iron	mg/L	0.046		0.037	<0.030			0 0	200
al Lead	mg/L								
Soluble Lead	mg/L	1		•			,		7
1.2-1 etrachioroethane	1,67		7	7	7	7	7		7
2.2-Tetrachloroethane	1/01	V	, ₹	7	7	7 5	7		1
,2-Trichloroethane	ng/L	1	⊽	2	₹	7	7		₹
-Dichloroethane	ng/L	1 >	۲۶	۲۷	1>	L>	7		-
-Dichloroethene	ug/L	41	۲۷	7	₹	V	۲۷		₹
-Dichloropropene	ug/L	٧.	₹	₹.	₽.	₹ .	₹		₽,
3-Trichlorobenzene	ug/L		V 3	5	5	\$ \$	5 3		⊽ ;
1,2,3-1 richloropeopane	1,6/L	7	7	7	7	7	2 2		7
4-Trimethylhenzene	100	7	, 5	7 5	7 5	7 5	7 5		, 5
-Dibromo-3-chloropropane	no/L	1		7	V	, ₹	. ₽		1
-Dibromoethane	ug/L	12	₹	₹	₹	₹	1		7
-Dichlorobenzene	ng/L	12	7	₹	۲	₽	₹		7
-Dichloroethane	ng/L	۲۰	₹	7	7	٧	5		₹
-Dichloropropane	ng/L	۲۰	۲۷	٧	₹	₹	₽		7
5-Trimethylbenzene	ng/L		5	₹	₹ .	₹	₹		₹
Dichlorobenzene	ng/L	·	5	5	5	\$ 3	5		σŀ
Dichloropropane	7/60	7	7	V 1	5 7	7	7		, l
Dichloropropage	1001	7 5	7 5	7 5	7 7	7 7	7 5		1 5
Dentellione	100	7 5	7	7 7	7	7 7	7 5		
photopliene	700	7 5	7 5	7 5	7 5	7 5	7 5		+
opropyltaluene	1/00/		V	7	٧	7	5		-
zene	UO/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	8	5
mobenzene	Ug/L	12	7	7	₹	₽	₹		-
mochloromethane	no/L	1>	1>	٧	₹	2	V		-
Bromodichloromethane	ng/L	12	47	1	۲۷	2	₹	v	-
moform	ng/L	1>	۲۰	۲۷	٠	۲	₹	•	
momethane	ng/L	۲۷	12	٧.	1>	12		•	-
bon tetrachloride	ng/L	1>	1>	1>	5	۱۶	٧	v	-
probenzene	ng/L	٧	2	۲۷	5	٧	7	v	-
proethane	ug/L	٧	۲۰	۲۷	₹	₹.	7	ľ	-
огоботт	na/L	7	12	7	1>	₹	7	ľ	Ţ.
promethane	UQ/L	٠	12	۲	7	۲	1>		-
1.2-Dichloroethene	7/07	₹	7	7	₽	7	V	4	8
1.3-Dichloropropene	J/on	7	V	7	۲	₹	2		-
omochloromethane	na/L	₹	5	₹	7	٧	7		-
omomethane	ng/L	\ 1	₹	₹	1	⊽	۲		
lorodifluoromethane	J/6n	۲>	2	2	2	₹	2	•	
/lbenzene	uo/L	۲۷	₽	₹	V	۲	۲	\ 	
achlorobutadiene	IIO/L	12	₽	7	۲	⊽	7		+
Isopropylbenzene	na/L	5	₹	5	₹	₽	1	v	+
Videna	1,00	٧	2	2	7	1	1		+
hylana chlorida	1,01	V	7	5	V	V	4.2	4	. 2
hthelene	10.	٧	5	2	. 2	2	! 5		ıl-
th/honzono	1 6	, 1	, ,	7 5		7 5	, t		
riyiberizerie	ug/L	7 7	7 7	1	7	7	, ,		
opyloenzene	ng/L	7	7 3	7 7	7	, ;	, ,		
dene	1/6n	V	V		V	V	5		+
Vene	ng/L		-						+
Butylbenzene	ug/L	5	5	v	<u>۲</u>	▽	٠,	•	5 3
ene	ng/L	· ·	5	5	٧,	\[\frac{1}{2}	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		-
Butylbenzene	ng/L	₹	5	₹	₹	₽	5		<u>.</u>
achioroethene	ng/L	5	•	٧	۲۷	₹	₹		7
ene	ng/L	⊽	7	۷,	~	₹	V	•	77
5-1,2-Dichloroethene	ng/L		7	٠	۲۷	₹	₹	٧	_
s-1,3-Dichloropropene	ng/L	٧	2	₹	₹	₹	▼	\ 	_
loroethene	na/l	٧.	1	5	₹	7	7	\ 	_
or thousand	10:	7	7	7	1	7	7	7	1
noronnoronnemane	1997	7	7	7	7	7	7	,	- 1

Lancaster sanitary Landfill	Historical Data Summary

Recharge	Taken																																																						-																	
1 DRY	4	00 00 00		- 80 0	1		. 0	4						0 4		0 80																													10																		T-1									
732.5	.789	12/30/2008	6.8	80.00	23.	<0.50	<0.20	4						0.68		<0.030																		2.0.0	< 1.0	× 1.0	< 1.0	< 1.0	×1.0	< 1.0	< 1.0	× 1.0	<1.0	< 1.0	< 1.0	< 1.0	× 1.0	< 1.0	< 1.0	× 1.0	< 1.0	× 1.0	× 1.0	< 1.0	× 1.0	< 1.0	× 1.0	< 1.0	0.1.0	2:				1.2	× 1.0	0.1 ^	× 1.0	< 1.0	× 1.0	01.0	0.1.0	>:: ,
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732.51	685.16	2/3/99	8	7	1.89	9.0	×.2	4				1		7.5		0.05		-				-		+					-			-		<1.0	<1.0	41.0	c1.0			<1.0	<1.0	41.0	<1.0	<1.0	+			7	<1.0	0.0	2	41.0	61.0	c1.0	0.10	41.0	41.0	41.0	61.0	2		+		<5.0	0.1.0	,	0.15	<1.0	41.0	010	0.15	
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732.51	385.20	3/19/98 81DS-6	6.78	8.88889	7.0	4.0	20.04 <0.04	5.5	6.1	1340	0.008	42.0	8 8	2.87		1.53	190	C0.24	<0.002	0.002	0.016	0.014	40.04	0.018	40.04	27	0004	7.050	0.075	0.010	30 D	0.010	0.016	200	420	0 6	200	<2.0	00	2.0	<2.0	22.0	420	ļ	900	410	5	200	42.0	42.0	<10	42.0	220	200	0.25	<2.0	42.0		0.00	2.0	42.0	410	<10	2.0	2.9	200	2.0	2.0	2.0	0.0	0.5	-
732.51	684.74	12/17/97 73FE-5	8	8.88889	63	0.61	20.0×	3.9	+			+		10.3		0.671 0.8	ш				V						0	¥	V	V		7	¥	_L	Ш	40.50				<1.2	<0.50	63.0	c1.2	<2.0	-		09.07		П	<0.50		<0.50					<0.70					+		52.5				<0.50		610		
732.51	684.70	9/17/97	7.51	12 22222	G	0.89						1	П	0.74 0.710	Ш	0.556	\parallel															1				000							0.20				47			250			0.25									1		0.00				2.0		00		
11	11	3/18/97 6/12/97 71G4-5 721L-5	6 75	10 12.22222	, ac	<0.50 <0.05						-		1.5		0.36 0.80	Ш		4	\prod				+				+	+			+			П	000							200				000		Ш	42.0 42.0 44.0		<2.0 <2.0	1				200					-	Ш	42.0		Ш		20 20				
732.51	685.18	12/19/96 3 63LI-5 7	6 97	888889	100	0.18	1.5 D	5.1				+		1.3		0.16						-		+					-					25.0	0.5	0.0	0.0		+	0.49	<2.0	0.00	25.0	<2.0			000	ν	45.0	0.3		42.0		64.0			000		000				П	0.0				42.0		0.00	١	_
51 732.51	03 685.18	3/13/56 6/12/96 12/19/96 AES AES-5 63U-5	74 6.82	9.44444 12.22222	000	0.45 0.28		П						12 5.2		0.76 0.64			_			<u> </u>														0.00							0.02				7.1		Н	0.00	Н	200		0.00		П	0.00	Ш	9 0				Ц	000	Ц			0.20		000		
		П		aF 9.4444	2 -	11			12	4	-	7	П		П						انع	د اد												+	H	200	H			H	H	+	<20	+			+		H	2002		0.0	-	0.47	-		000		200					250				<2.0		2.7		
on Feet	re Purge)	Sample Date: Laboratory Sample Number:						- 1						- 1							/gm	-	mium mg/L	\neg	morr	П		/bu	1/om	ng/	VOIII	Ngm Trgm	Ng/	ug/L	Tree US/L	700	Non	John	opane ug/	Non	ngv	Ug/L	Von	Non.		ш			ш	Van	ш				Į.	ш		ш	ш.		ш	1	П		11	NOV.	П	П		1	1	
g Elevatio	ion (Befor	ample Nu		Temperature Specific Conductance				Carbon	in office	d Solids	able Phe			5		nese					_	E	nt Chron			E								hane	oroetha	Pane Pane	2 2	opane	Horopr	ene ene		2 2	8	ethe	-Methyl-2-pentanone			878	thane	Bromoform		ge	thane			919	Dene Bane	hane					П					thene	Proper 2-bute	17-7-18 I	1	e de de

2nd 2007	6/25/2007 738.51 21.57 716.94 34.18 6/26/2007	144 7.65 2078 2078 5.22 19.2 0.616 350 40.500 40.500	0.096 <0.02 0.047 0.036	হ হ হ হ	ত ত ত	5 5 5 5	<u> </u>	চ চচ	V V V	2, 2	5 5 5	<u> </u>	2 2	5 5	V V	\ <u>\</u>	7 7	V V	5	V V	-	<u> </u>	5 5 5	7 5 7	, -	5
1st 2007	327/2007 738.51 15.19 723.32 34.18 327/2007 U0703462-009	7.89 3720 61.4 61.4 0.857 20.8 0.857 1330 <0.500	13 0.026 <0.030 <0.020	V V V V V	7000	5 5 5 5	5 5 5 5	555	হ হ হ	4.5	555	হ হ হ	5 5	2 2	5 5 5	55	5 5	च च च	5 5	757	7	5 5 5	5 5 5	7 5 7	; v ;	, 5
4th 2006	12.20.06 738.51 18.97 719.54 34.18 12.21.06	7.89 2530 5.28 5.28 9 0.571 340 805 <0.5	0.046 0.046 0.25 <0.020	ত ত ত ত ত	7000	7 V V V	<u> </u>	555	১ ১ ১	₽ \$	555	চ চ চ	চ চ	55	ত ত ত	 \(\nabla \)	2 2	5 5	- 5	7 V 3	<u> </u>	5 5 3	চ চ ং	7 5 7	₹ 5 ₹	, v
3rd 2006	34.18 34.18 9.21.06 386-008	270 8.23 8.23 5120 1.79 13.5 0.21 360 1560 7.7	0.055 0.038 0.049	<u> </u>	5555	5 5 5	5 5 5 5	555	১ ১ ১	2,5	5 5 5	2 2 8	55	5 5	5 5 5	<u>।</u>	5 र	5 5	5	5 5 3	5 7	5 5 3	<u> </u>	7 5 3	; v ;	; v
2nd 2006	06.27.06 738.51 21.56 716.95 34.18 06.27.06 00.00606481-007	-60 7.75 4970 3.02 13.8 1.6 380 2090 2090 7 7	0.039	V V V V	5 5 5 5	5 5 5 5	5 5 5 5	\[\bar{v} \bar{v} \]	V V V	2 % 2	555	১ ১ ১	₹ 5	<u> </u>	5 5 5	 \(\nabla \)	\vartheta \varth	7 5 5	, v	V V	5 3	V V	V V 1	7 5 3	, v ;	; v
1st 2006	03.07.06 738.51 19.16 719.35 34.18 03.07.0.6	24.2 24.2 10.4 10.4 1160 <0.5 6 6	9.5 0.076 0.063	<u> </u>	7 7 7 7	5 5 5 5	V V V	V V V	V V V	1, 2, 1	555	১ ১ ১	5 5	2.2	ত ত ত	 \(\nabla \)	V V	2.4	, v	7 V	5 3	V V 1	V V 1	7 5 3	; 5 1	; v
4th 2005	738.51 19.17 719.34 34.18 12.21.05	40 7.78 5580 14.8 7.2 0.27 870 616 1.81	0.098 0.098 0.36 0.078	<u> </u>	5 5 5 5	ত ত ত ত	চ চ চ চ	V V V	চ চ চ	2, 2	চচচ	চ চ চ	v v	55	চ চ চ	5 5	5.5	7 5 7	7 5	5 5	5 3	V V 3	5 5 5	7. 7.	, 5 ;	, v
3rd 2007	9/20/2007 738.51 16.33 722.18 32.02 9/20/2007	-39 7.44 284 4.92 14.2 0.5 580 120 4.42 7.8	5.4 0.13 0.093 0.11	2.8 4.4 4.4	5 5 5 5	5 5 5	5 5 5	5 5 5	V V V	2 1.6	555	চ চ চ	8.4	1, 2	চ্চা	\[\bar{v}\]	V 7	₹ ₹ ₹	7 5	5 5	5 3	5 5 7	5 5 7	7 5 3	5 5 3	į √
2nd 2005	6.28.05 738.51 21.36 717.15 34.18 6.29.05 6555-012 U070	-55 7.71 5170 29.4 15.8 <0.20 280 2990 <0.5	4.9 0.073 0.16 0.065		5 5 5 5	V V V	<u> </u>	5 5 5	চ চ চ	2 % 2	চচচ	চ চ চ	চচ	5 5	চ চ চ	চ্চ	V 7	7 5 5	, v	5 5 t	7	V V	5 5	7 5	J 5 7	7 ∇
1st 2005	3.31.05 738.51 17.55 720.96 35.18 3.31.05	25 7.52 3390 16.8 9.1 <0.20 350 1740 <0.5	19 0.053 0.31 0.062		<u> </u>	0000	<u> </u>	555	v v v	2 % 2	\u00f3	2 2 2	চচ	5 5	চ্চ্	 0 0	च ए इ	v :	, v	V V	5	<u> </u>	5 5 7	7 5 T	 	₹ V
4th 2004	12.21.04 738.51 18.38 720.13 34.18 12.21.04 41240313	7.58 7.58 1414 4.69 6.6 6.6 0.8 440 440 408 6.50 5.50	0.49 <.020 0.072 0.023	<u> </u>	5 5 5 5	5 5 5 5	<u> </u>	555	555	2,2	222	১ ১ ১	v v	2 2	5 5 5	7 V V	\vartering \(\vartering \)	7 7	, v	5 5 3	5 3	V V	V V	7 5 7	, v	7 5
3RD 2004	9.29.04 738.51 20.54 717.97 34.18 9.29.04 U0410029-08	7.26 4710 42.7 10.4 (0.2) (0.2		V V V V	5 5 5 5 F	ত ত ত ত	ড ড ড ড	চচচ	v v v	2 % 2	হ হ হ	V V V	5 5	2.2	5 5 5	5 5	V	V 1	V 5	V V 3	5 3	5 5 3	\$ \$ \$	7 5 7	, v :	, v
2ND 2004	6.8.04 738.51 18.63 719.88 34.18 6.9.04 U0406352-014	5.15 5.18 5.18 5.16 14.6 0.5 6.05 6.05 6.05	2.7 0.03 0.066 0.037	55555	5 5 5 5 ·	চ চ চ	<u> </u>	চচচ	ত ত	\$ 60.5	ए ए ए	চ চ চ	5 5	2 2	5 2 5	5 5	च र	V 5	7 চ	5 5	5	চ চ	V V	7 5	75	7 5
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003 4TH 2003	.51 738.51 .54 18.39 .97 720.12 .18 34.18 .03 12.09.03	37 -10 7.45 7.13 4560 3540 3.56 6.77 13.4 11 < 2 0.3 390 400 1600 1600 7.5 50.5 7 5 5		\(\bar{v}\) \(\bar{v}\) \(\bar{v}\)																	Ц					
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	3.12.03 6 738.51 7 18.36 7 720.15 7 34.18 8 3.12.03 6	46 7.68 3920 15.1 7.8 0.4 240 1200 <0.5 3	2.5 0.02 0.04 <0.02																							

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45 8.21 1233 33.7	7.9 0.417 230 528 <0.500	7.19 23 23 23 65.00 65.00 60.020 60.0
		4 0.266 0 386 0 4.3 6 4.3 6 4.3 6 0.043 7 0.082 7 0.082
-37 7.65 446 14.2	290 870 500	0.05 290 290 270 270 6.4 6.4 9.5 6.4 9.5 6.4 9.5 0.054 0.054 0.054 0.054 0.055 0.055 0.065 0.027 <1 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1
		0.59 260 1090 1090 4.2 6.050 4.000 40.030 40.030 60.020 60
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Std. Std. umhos/cm NTU	mg/L mg/L mg/L	
Conductance		Alkainity Chloride Armonia Armonia Total Organic Carbon Total Iron Total Manganese Soluble Manganese Total Lead Total Lead 1.1.1.2-Tetrachloroethane 1.1.2-Tirichloroethane 1.1.2-Tirichloroethane

2007	26.43 26.43 731.91 30.1 1-010	-120 320 320 14 0.587 230 230 34.8 34.8 33 34.8	0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	<u> </u>	<u> তিতিতিতিতি</u>	<u> </u>	<u>তি হি হি</u>	চ্চ চ্চচ্চচ্চচ্চ
	52007 92020 758.34 758. 735.56 731. 30 36.2007 92.020 07-008 U0709291-01	559 883 883 55.7 7.1 4.4 4.4 6.50 8.00 8.30		<u> </u>	5555555555	9000000000	<u> </u>	
2n	6/2 6/2 J07065							
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4th 2006	12/20/2006 758.34 23.78 734.56 30.1 12/21/2006 U0612417-009 (7.72 573 8.63 8.63 8.70 270 270 169 <0.500 0.43	0.0000000000000000000000000000000000000	V V V V V V V V	55555555	9 0 0 0 0 0 0 0 0 0	<u> </u>	<u> </u>
3rd 2006	9.21.06 758.34 25.86 732.48 30.1 9.21.06 U0609386-009 UC	-80 8.54 480 146 11.5 0.33 0.500 0.73	6.0033 6.0033 6.0033 7.003 7.00	 	\(\sigma \) \(\sig	9 5 5 5 5 5 5 5 5 5		<u> </u>
2nd 2006	90.28.83.39	8.66 8.66 7.07 7.07 14.5 0.33 290 404 <0.500	(c)	<u> </u>	<u> </u>	9 5 5 5 5 5 5 5 5		<u> </u>
	307.06 06.27 758.34 758 24.02 22 734.32 733 30.1 6 8.07.06 06.27 45.009 U0606481	-85 8.07 579 579 579 6.33 0.32 260 260 260 260 260 260 260 260 260 26	0.086	<u> </u>	V V V V V V V V	9 0 0 0 0 0 0 0 0 0		<u> </u>
~	58.34 788.34 16.33 788.34 42.01 734.32 32.02 30.1 72007 03.07.06 1-001 U0603145-009	-39 7.44 4.92 14.2 16.2 120 120 4.42 5.4		000000000	<u> </u>	2000000000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u> </u>
05 3rd 200	9/20	8.73 722 722 722 722 723 723 734 711 717 730 9.9						
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1st 2005	3.31.05 758.34 23.82 734.52 31.10 9	2.35 2.67 2.67 2.67 6.02 2.30 18.6 0.823 6.3.0						
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1ST 2004	3.29.04 758.34 23.85 734.49 30.1 3.29.04	8.01 8.63 8.63 8.63 14.2 210 210 26 1.4 26 26 26 26 27 20 20 20 20 20 20 20 20 20 20 20 20 20	0.000	<u> </u>	\[\sqrt{v}	0 0		<u> </u>
	758.34 758.34 25.3 733.04 30.1 12.09.03 34503041	7.69 7.69 362 362 10.0 10 10 10 10 10 10 10 10 10 10 10 10 10	0.0020000000000000000000000000000000000	5555555	<u> </u>	9 5 5 5 5 5 5 5 5	<u> </u>	<u> </u>
3RD2003	9.25.03 758.34 3.48 754.86 30.1 6.25.03 26803070	25.5 16.8 32.5 16.8 16.8 240 240 25 25 25 25 25 25 25 25 25 25 25 25 25	000000000000000000000000000000000000000	<u> </u>	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9 V V V V V V V V V V		5 5 5 5 5 5 5 5 5 5
2ND2003	6.25.03 758.34 24.82 733.52 30.1 6.25.03 17703070	8.39 8.39 8.59 18.10 18.1 18.1 210 7 210 7 0.5 6 6 7 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 1 8 1 1 8 1	0.002 0.001 0.001 0.001 0.001 0.005 0.05 0.05	 40.5 <li< td=""><td>0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0</td><td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>00.00 00</td><td>00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td></li<>	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00.00 00	00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
12 1ST2003	Not Sampled 77	000000000000000000000000000000000000000						
4T	11/27/2002 1 758.34 26.55 731.79 29.97 11/27/2002 33102098						0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
38	9/17/2002 4 758.34 5 26.33 8 732.01 1 30.1 2 9/17/2002						6.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	
SND	2 6/25/2002 4 758.34 1 23.86 3 734.48 1 30.1 2 6/25/2002		1			1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
11 1ST 200	3/29/2002 758.34 22.91 735.43 30.1 3/29/2002 9102010	7.57 7.53 3.88 3.38 3.60 12.7 12.7 12.7 12.7 12.7 12.7 13.6 14.7 15.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16	(0.5) (0.00) (0.	800 800 800 800 800 800 800 800 800 800	200 200 200 200 200 200 200 200 200 200	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00.00 00	(0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
001 4TH 200	3.34 Not 1.74 Sampled 30.1	85 7.8 8800 36.2 12 0.3 32 32 9.5	2.28 2.28 2.25 2.00 2.00 2.5 2.00 2.5 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.	0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q
	8.34 758.34 5.65 26.6 731.74 30.1 30.1 001 11/6/2001						0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1	8.34 758.34 24.4 25.65 3.94 732.69 30.1 30.1 2001 6/25/2001 46 17701012						6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
	3/21/2001 758.34 733.94 733.94 30.1 3/21/2001 08/201046	os/cm				V V V V V V V V V V V V V V V V V V V	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(A)
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	Vaccuation Date Top of Casting Elevation Water Level Water Elevation (Before Purge) Well Bottom Sample Date: Laboratory Sample Number:	nductance e	unese ganese d achloroethane roethane roethane ethane ethane	robenzene ropropane robenzene robenzene 3-chloropropi ghane Penzene rihane ropane	Oylbenzene Senzene Sropane Penzene Propane Ine	methane methane romethane no shloride no no	voethene vroethene omethane ane roomethane ladiene ladiene ene ene ene ene ene ene ene ene ene	ene ene ene loropropene e e methane
Quarter >	Evacuation Date Top of Casing Eleva Water Level Water Elevation (Be Well Bottom Sample Date: Laboratory Sample	Eh pH Specific Conductance Specific Conductance Turbidity Nirate Akalinity Chloride Ammonia Ammonia Total Oganic Carbon	Total Manganese Soluble Iron Soluble Manganese Total Lead Soluble Lead 11.1.2-Tetrachloroeting 11.1.2-Tetrachloroeting 11.1.2-Tetrachloroeting 11.1-Dichloroethane 11.1-Dichloroethane 11.1-Dichloroethane 11.1-Dichloroethane 11.1-Dichloroethane 11.1-Dichloroethane 11.1-Dichloroethane	12.3-Trichlorobenzene 12.3-Trichloropenzene 12.4-Trichlorobenzene 12.4-Trinethylbenzene 12.2-Dibromo-3-chloropropane 12-Dibromo-shane 12-Dichlorobenzene 12-Dichlorobenzene 12-Dichloropethane 12-Dichloropethane	1,3,5-Trimethylbenz 1,3-Dichlorobenzen 1,4-Dichlorobenzen 2,2-Dichloropropan 2-Chlorotoluene 4-Chlorotoluene 4-Expropyltoluene	Bromobenzene Bromochloromethane Bromochloromethane Bromodin Bromothane Grarbon terrachloride Chlorobenzene Chloroethane Chloroethane Chloromethane Chloromethane Chloromethane Chloromethane	dis-1,2-Dichloroethene dis-1,2-Dichloroethene dis-1,3-Dichloroethene Dibromochloromethane Dibromomethane Ethylberszene Hexachlorobuddiene isopropylbenzene mrp-Xylane Methylene chloride Naphthalene Haydraethene Haydraethene	Propylenzene 0-Xylene p-Xylene p-Xylene p-Xylene sec-Buylbenzene lent-Buylbenzene lent-Buylbenzene lent-Buylbenzene trans-1.2-Dichloroethene trans-1.2-Dichloroethene Trans-1.3-Dichloropropene

Evacuation Date Top of Casing Elevation Water Level Water Elevation (Before Purge) Well Bottom		12/27/2007	3/3/2008	6/24/2008	9/25/2008	Not	3/30/2009	6/29/2009	10/22/2008
			758.3	75027		l	758 37	758.34	
	Feet	758.34		758.34	758.34		21 05	24 17	758.36
ottom		733.09	734.8	734.26	732.52		736.39	734.17	734.12
	Feet	30.1	30.1	30.1	30.1		30.1	30.1	30.1
Laboratory Sample Number:		U0801010-009	3/3/200 10803039-009	J0806522-009	9/25/2008 U0809489-009		3/30/2009 U0903561-009	905/57/9 10907008-008	10/22/2009 10910503-009
		250	La	30	70		0	900	77
	Std.	8.62	8.58	8.69	8.7		8.74	8.36	7.84
	umhos/cm	423	494	452	486		401		1642
	NTO	20.3	121	159	604		57.1		435
	200	0.202	0.703	0.551	0.84		0.000		7.17.
	10m	240	210	220	200		210		200
	mg/L	6.99	110	201	25.2		13		10.4
	mg/L	<0.500	1	0.649	<0.500		<0.500		<0.500
	mg/L	4.2 <	<3.0	21.2	<3.0		<3.0		3.0
	mg/L	0.16	10	2.2	0.39		0.53	000	0.76
	mo/	0.020	0.00	0.093	0.004		0.023	0.020	0.0
	mo/l	0.070	020.02	VO 020	00.00		02000		20.030
	mo/l	<0.00	0.015	<0.003	<0.003		<0.003		<0.003
	mg/L	<0.003	<0.003	<0.003	0.015		<0.003	<0.10	<0.003
	ug/L	۲۷	۲۷	۲>	٧		^		1
	ug/L	۲	₽	۲۷			^		1
	ng/L	۲	7	٧	٧		7		^
	ng/L	₹	۲۷	7	₹		7		₹
	ug/L	₹	2	7	٧		, ,		₹
	ng/L	۲	7	۲	٧		₹		₹
	ng/L	₹	₹	7	۲		۸1		۲۰
	ug/L	₹	۲۷	₹	۲		₹		۲۷
	ug/L	7	۲	₹	۲۰		₹		₽
	Ug/L	₹	۲	₹	5		٧.		₹
	ng/L	₽	5	5			5		₹ .
	ug/L	v ,	٠	5	v ,		5		٠
	ng/L	5	٠,	۲	Ş .		٠		· ·
	ug/L	₽	₹	٧	٧		۲		₹
	ug/L	5	₹ .	5	₹ .		₹ .		٥
	Ug/L	V	۶	٠	٧		٧		·
	ug/L	₽	₹	₹	V		٧		V
	Jol	۲	۲	۲	~		۲		۲۷
	JQ/L	₹	2	٧	₹		₹		٧
	ug/L	₹	7		٧		٧		۲۰
	ug/L	۲,	۲۷	₹	۲۷		۲۰		<1
	Ug/L	۲۷	\	<1×	^ 1		٧.		<1
	J/Gr	₹	7	۲	٧		٧		۲۷
	ug/L	V	7	٧	₹		⊽		۲
	Joh	<.5	<.5	<.5	<.5		<.5		A.5
Bromobenzene	ug/L	v	7	٧	•		v		₹
7	John.	7	۲	₹	٧		₹		₹
	ng/L	5	^	٧	۲۷		₹		7
	Joh	۲	۲۷		۲۷		7		۲۷
	Ug/L	₹	۲۷	٧	₹		₹		۲۷
	J/G/L	2	۲۷	۲	۲,		7		۲۷
	υg⁄L	₽	7	۲	V		₽		۲۷
	ıgΛ	₹	۲۰	٧	٧		₽	١	۲
	J/G/	۲۷	₹	٧	7		₹		۲
	Jg/L	₹	۲۰	٧	۲,		۲		۲
cis-1,2-Dichloroethene	ng/L	5	5	\$	V		₹ .		₽
1	1,6/L	5	5	· ·	۲۷		5		5
	ug/L	5 3	5	5	V 3		Ş .		۲\ ا
	197	5	5	7					7
	19/L	1	5	7	· ;				· ·
	1,6r	v ,	\[\frac{1}{2}	V .	٠,		\ \frac{1}{2}		7
	Jg/L	5	5	7	7		5		7
	J.G.	7	7	7	7		7		7
	1,00	1	7	7 7	7 7		7		7
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Ţ	975	, ,	7 7	, ;	, ;	1	1	7 7	7 7
Terr-butyloenzene	7,6	7	7	, ,	7 7		7	7 7	7 7
	g/L	5	₹ .	٠,	5		₹.	۲	\
1	9/L	٠,	١٠,	7	10 3		5	v ,	7
	9/L	₹	!	₹	٧.		<u>۲</u>	۲	₹
trans-1,3-Dichloropropene	g/L	۲	₹	^	7		۲.	٧	۲
	9/L	₽	\ 	۲	۲>		۲	~	۲۰
	a/L	•	1	٧	₹		٧	۲۷	^
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3rd 2007 4th 2007	Dry																																																																			T	
1st 2007 2nd 2007	3/27/2007 Well	729.3	721.67	3/27/2007 U0703462-011	74	930	19.8	2.01	220	201	5.2	0.78	<0.020	40.00	0000		7	5	5 3	7 7	12	- <1	- <1	- <1		۲	۲		7 7	7 0	V	٧	<1	<1	۲۶		7 7	- 10	1>	<1	<1	۲			. 5		1>	7	- T	7 5	1	1>	V	7 7	7 5	\	7	-	17	7	. ₩	5	۲۷	<1	\$	5	₩;	₹ ₹	
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4TH 2001 1ST 2002 2ND 2		Not 729.3 R	29.35	91020011 L		1242	4.14	3.8	250	20.5	w	0.22	×.02	×0.02			0.5	V. (V.	0.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	20.0	2 CV	<0.5	<0.5	<0.5	<0.5	<0.5	(C) 5	200	\$0.50 \$0.50	<0.5	<0.5	<0.5	<0.5	50.0	0.00	0.00	<0.5	<0.5	<0.5	×0.5	6.05	<0.5	<0.5	<0.5	200	50.5	\$00°	<0.5	<0.5	<0.5	<0.5	202	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	10 C	<0.5 <0.5	
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Quarter >	Evacuation Date	Top of Casing Elevation Water Level	Water Elevation (Before Purge) Well Bottom	Laboratory Sample Number	කි	Specific Conductance	Temperature	Nitrate	Alkalinity	Ammonia	Total Organic Carbon	Total Iron	Total Manganese	Soluble Manganese	Total Lead	Soluble Lead	1,1,1,2-Tetrachloroethan	1,1,1-Inchioroemane	1.1.2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethytbenzene	1,2-Uibromo-3-chioroprop	1.2-Dipromoeurane	1.2-Dichloroethane	1.2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	4-Chlorotolilene	4-Isopropyltoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromotorm	Carbon tetrachlorida	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	rexachiorobutaciene	m/o-Xviene	Methylene chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	o-Aylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Tanklamathana	Trichlorofficomethane	Vinyl chloride	

Figure F	Evacuation Date Top of Casing Elevation	Sillo	000000		12/29/2008 DRV	
Feet 729.3	Top of Casing Elevation		3/3/2000		200000000000000000000000000000000000000	
Feet 721,573		Feet	729.3		729.3	
New 28.35 29.33	Water Level Water Elevation (Before Purge)	Feet	721.67		721.67	
Warren W	Well Bottom	Feet	29.35	33	29.35	
Market M	Sample Date:		3/3/2008		12/30/2008	
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1000 1000		ma/L	3.05		1.03	
May		mg/L	230		180	
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100.00 1		mg/L	3.7		4.1	
100 100		mg/L	0.070		4.5	
100,000 100,		mg/L	0.045		960.0	
10 10 10 10 10 10 10 10		mg/L	<0.020		<0.020	
10 10 10 10 10 10 10 10	\neg	mg/L				
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1991 1997		7/6n	5		0.12	
1971 1971		100/L	7		<1.0	
1991 1991		ng/L	5		0.7	
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1971 1971		ug/L	\$		<1.0	
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991 991 991 991 991 991 991 991		1/6n	7 0		<1.0	
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ug/L <1	T	ug/L ug/L	₹ 5		<1.0	
		ng/L	1>		<1.0	

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4th 2007	765.45	48.43	58.8		8.22	273	9.5	2.2	91.4	<0.500	4.4	<0.020	<0.030	<0.020		٧	۲	₹ ₹	7		5	₹ 7	7 7	7	٧	7	٧	٧	√	₹ 7	7	V	7 7	٧	7	1 >	<0.50	۲-	7	V	, V	\ \ \	7	₹ .	₹ ₹	, V	٧	₹ ₹	V	٧	₹ 3	⊽ ₹	7 5	٧	٧,	⊽ ₹	7	₹	⊽ 3	5 5	₹ ₹	٧	\ \ \	<u>ت</u> ا	₹	7
3rd 2007 4	Not 12/		12/	00000							+			+						$\ $		-							+	+								-										-				-	-				-				-				+	
2nd 2007 3rd	Sa	49.4	58.8	800-700	7.56	823	16.7	0.216	436	2.58	31.9	0.10	0.039	0.090		۲۰	7	₹ ₹	7	₽	₹ 1	7	7	7 5	1	7	۲	۲	₽	₹ ₹	7 7	7	7 5	V	7	<1	0.75	₹	₹ ;	V	7 5	7	۲.	5	7 7	 	₽	⊽ ;	V V	7	۲ ۲	7 7	7 5	7	۲	Ş ;	7	₽	۲,	v v	/ V	⊽	₽	٠ ۲	7 7	<u> </u>
1st 2007 2r	sampled 6/2		7/9	00/00							1			+				+				1											+					-	+	1									-				1							+	-			+	+	
	Not	7.03	58.8	210	10	530	10.1	<.2 5.70	516	3.18	1 %	1.14	19	328				+				+								+			+							1												-					_			-				-	+	
36 4th 2	12.20	23 47	58.8	- 1 UUB12417-														S			Z				ш		1	1	-	- 1	- 1					-	2	-						**																						
3rd 2006	9.21.0	717	58.8	00609386-0	8.64	277	12	V 8	88 99	51.	7	0.1	0.0	0.09		v	•	V	6		٢.	v	v `		'		٧	V	v	v	'	V			•	V	2.	٧	V		V	/ v	V	1,	V	V	V	V	V	V		V	v V	•	V	V		.>		\$ 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	⊽	V	V	7	
2nd 2006	Not Sampled																																																																T	1
1st 2006	03.07.06	48.23	58.8	603145-010	7.21	1910	9.2	<.2 2.2	463	<.500	4 0	0.071	0.19	0.039	T	۲	٧	V 1	26	V	۲۷	۲	٠, ۲	V	7 5	7	۲۷	-	۲۷	V :	7	5	7	7 5	7	٧	<0.5	۲۷	7	7	7 7	7 5	₹	۲۷	7	v v	۲۷	₹ .	36	S ~	₹.	5 7	-	7	۲۷	5	7	1	₽.	7	7 5	7	2	7	7 7	
3rd 2007	7200	16.33	32.02	9291-001 U0	-39	284	14.2		120	4.42	7.8	0.13	0.093	0.11					28	ì																	1.6							4.8	+	2	-		+															+	+	
3rd 2005	Not 9/20 Sampled Sampled			0000					+			+			<u> </u>					_				<u> </u>					-	-			1																			+					+								+	-
	6.28.05 765.45 Sa	49.49	58.8)6555-008	7.94	1798	17.1	\$ C.2	638	1.32	4 -	0.051	0.29	0.04		۲	₽	₹ 3	7 5	₹	7	₹ 7	5 3	7	7 5	₹	۲	۲>	۲	₹ 3	V 1	V ;	7	7 7	7	۲	<0.5	۲	7	7	7 V	7 5	₹	₽	5 3	V	۷,	۲۰	V V	₹	٧	v ;	7 5	₹	⊽	⊽ ;	7	⊽	5	v ;	√ 5	7 5	12	₹ ;	<i>5</i> ₹	7
st 2005	Not		1	00208					+														-	-						-	-																		-				+									-			1	
1	12.21.04 765.45 Sar	49.96	58.8	4124039	-29	1534	6.9	<.2	290	0.658	n 1	0.0	0.071	0.062		7	٧	₹ 3	7 7	₹	٧	₹ 1	5	7 7	7 5	٧	۲	٧	۲	۲ ۲	V 3	۲ ۲	7	7 7	7	12	<0.5	۲۷	۲,	7 7	2 2	7 5	₽	۲>	₹ T	V V	7	۲۷	V V	V	₹	₹ 3	V V	V	۲	₹ 3	<u> </u>	7	۲	₹ ₹	7 5	, V	5	₹ ₹	7	7
3rd 2004	Not																																																								\dagger			+					+	
2nd 2004	6.8.0	47.8	58.8	U0406352-010	-93	2080	16.1	<0.7	550	<0.5	4	0.049	0.075	0.026			V	7	7 5	1	7	₹	5 3	7	7 5	7	7	1>	2	⊽	 	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		7 0	٧	V	<0.5	7	₹	7	⊽ 	7	V	3.7	7	7.	7	₽	2 4	5 5	۷,	∵ ?	7	•	۲۰	⊽	5	-	٢	V .	₹ ₹	\ \ \	۷٠	₹ T	200	5.4
1ST 2004	Not				10 00	8	3 2	2		2	10																					1																																		
100	Н	\vdash	58.8	3450304	7.93	125	607	0	35, 33	1.		400	0.3	0.0		, v	V	V 1	<u>'</u>		5	۷	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		V	٧	7		7	7	\[\frac{1}{2}\]	5 3	7	7	7	7	<0.5	٢		7	2 5	7 5	₹	-	₹,	V	\	\ \	V V	√ ∇	⊽	٧ ک	7 5	₹	-	2	5	₹	2	7 7	v v	7 5	₹	7	7	
03 3RD 2003	03 Not 45 Sampled		33.8	74	148	30	9 8	.2	0 0	, vi	40	33 .2	60	33		(2)	S)	iù i	2 10	3 50	'n	ນຸດ ເ	n i	Ú 'n	2 10	O CO	5	5	5	2	0 1	2	n u) v	20	2	2	2	2	2	0 10	0 10	2	2	10	0 40	2 2	2	200	2 10	10	10 (210	10	10	101	0.16	100	10	10 11			10			
303 2ND2003	8	+	58.8	177030	7.71	200	18	0	70 00	9		0.0	0.0	0.0	-	V	v			_		•			/_\ 		V	v	v	<u> </u>			v (V	•	v	v	v (′ ′	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	V		•	v	V	V	v	7	5 3	V	Ÿ	Ÿ	V V		v	7	7 *	\$ 22	٧ <u>٠</u>	*/	/*	
4TH 2002 1ST 20	Not Not	+			-		-							+					-				+							+	1										+								-				+				+			+	-				+	-
3RD 2002 4TH	Sa		58.8	102046	7.1	1320	13.9	<0.2	360	<0.5	w ,	0.06	0.04	0.04	-	<0.5	<0.5	<0.5	200	<0.5	<0.5	<0.5	40.5	50.5	20.5	<0.5	<0.5	<0.5	<0.5	<0.5	V0.5	<0.5	20.0	200	<0.5 50.5	<0.5	<0.5	<0.5	<0.5	40.5	0.05	×0.5	<0.5	-	<0.5	0.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.05	<0.5	<0.5	<0.5	\$0.5 \$0.5	<0.5	<0.5	40.5	40.5 F	60.0
2ND 2002 3F	Not 9/ Sampled		/6	7			-											_				+	+	-						1															+				+			1								+				+	+	
1ST 2002 2	3/29/2002		3/29.02	2102016	7.04	980	11.4	<.2	270	<0.5	4 0	0.1	0.07	<0.02		<5	<5	\$	2 5		\$	\$	Ç ų	5 4	3 5	\$	<5	\$	\$	\$ 5	Ç, Y	\$ 4	2 4	3 4	\$ \$	\$	\$	\$	Ϋ́	v K	2 %	\$ \$	\$	<5	\$ 4	8 8	\$	\$	\$ 5	\$ 5	\$	\$ \$	\$ 5	\$	<5	\$	\$ \$	\$ 5	< 2	\$ 4	2 %	\$ 5	<5	\$ 4	5 4	?
4TH 2001	Not																													+																1							-				+			+						1
2ND 2001 3RD/01	001 Not .45 Sampled	0.5	98.8		2.1	2000	12	.02	000	3	5	03	90.	.03		<5	₹2	\$ 4	7 45	\$	\$2 22	52	Ç V	65	\$ 5	<5	<5	<5	<5	<5	Ç V	<55 F	5.0	. Y	<5	<5	<5	<5	<5	ν v	2 5	<5 <5	<5	<5	\$ 5	7.0	<5	c5	5 5	<5 <5	<5	55	2 2	3	ς2	55 %	9 5	(2)	(2	ıçı i	7 47	<5	(5	(5)	9 5	0
1ST/01 2ND 20	Н.		58.8		v	7 2	4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	., (*)			2 0	0	0				+	-	_			+								1	 -	 -	 -								ľ				+			+										·	1	7	•	ľ	1	+	
-	Not				mV Std.	оѕ/сш	-		-			+				-		+	+	_		+	+	-							1	+									-	-			-				-	-		+	-							+		 			+	
Units	Feet	Purae)	Feet		Std	dm2	SS	mg/L	mg/L	шg/L	mg/L	mo/l	mg/L	mg/L							ng/L												ug/L			J/6n	J/6n	J/6n	ug/L	100	Ug/L	700	ug/L	J/6n	J/gu		ng/L		7/6n	ug/L	ug/L	ng/L	John John	ng/L	J/Gn	J/gu	1/01	Ug/L	J/Gn	760		ug/L		Ug/L	1/61	1
	Date ing Elevation	ation (Before	Well Bottom Sample Date:	Laboratory Sample Number:		nductance	9				nic Carbon	anese		nganese	, and	achloroethan	oroethane	achioroethan	bethane	oethene	1,1-Dichloropropane	orobenzene	oropropane	thylhenzene	3-3-chloroproc	oethane	benzene	oethane	opropane	thylbenzene	Spenzene	opropane	openzene	9090	lene	oluene		еле	Bromochloromethane	oromethane	900	chloride	эпе	91		Irorethene	cis-1,3-Dichloropropene	oromethane	Dichlorodifluoromethane	9	outadiene	uzene	hloride		ene	zene		zene		Tzene	PLIPALIPA	ans-1,2-Dichloroethene	hloropropene	909	rometriane	
Quarter >	Evacuation Top of Case	Water Eleve	Well Bottor Sample Da	Laboratory	ᇤ	Specific Conductance	Temperatur	Nitrate	Chloride	Ammonia	Total Organic Carbon	Total Manganese	Soluble Iro	Soluble Manganese	Soluble	1.1.1.2-Tet	1,1,1-Trichi	1,12,2-Tet	1 1-Dichlor	1,1-Dichlor	1,1-Dichlor	1,2,3-Trich	1,2,3-Inch	1 2 4-1 IICII	1.2-Dibrom	1.2-Dibrom	1,2-Dichlord	1,2-Dichlort	1,2-Dichlor	1,3,5-Trime	1,3-Dichlor	1,3-Dichlor	2 2 Dichlor	2-Chorotol	4-Chiorotol	4-Isopropyltoluene	Benzene	Bromobenzene	Bromochior	Bromodichi	Bromometh	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	cis-1.2-Dichlore	cis-1,3-Dich	Dibromochi	Dichlorodifle	Ethylbenzene	Hexachlorobutadiene	Isopropylbe	Methylene chloride	Naphthalen	n-Butylbenzene	n-Propylbenzene	o-Aylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Toluene	trans-1,2-Dic	trans-1.3-Dit	Trichloroethene	1 Inchiorophor.	VIII STITE

Quarter >	2nd 2008	344 2008	4th 2n08	1st 2009	2nd 2009	3rd 2009
Eventation Date	80707008	T	1	3/30/2000	00000000	toN
Top of Casing Elevation	765.45	Sampred	pele	765.45	765.45	Sa
Water Level	49.57		Ц	45.86	49	
Water Elevation (Before Purge)	715.88			719.59	716.45	
Sample Date:	6/25/2008			3/30/2009	6/29/2009	
Laboratory Sample Number:	U0806522-010			U0903561-010	U0907008-009	
EJ.	43			-26		
Hd	7.76			7.74		
Specific Conductance	296			296	1176	
Temperature	14.9			8.7		
Nitrate	<0.200			0.223	<0.200	
Alkalinity	650			220	420 864	
Ammonia	19.6			46.7		
Total Organic Carbon	17.4			19.2		
Total Manganese	0.11			0.15		
Soluble Iron	0.32			0.036	<0.030	
Soluble Manganese	0.24			<0.020	<0.020	
Soluble Lead						
1,1,1,2-Tetrachloroethane	5			12	۲ ک	
1,1,1-I richioroethane	5 5			5	7	
1,1,2-Trichloroethane	<1			<1	5	
1,1-Dichloroethane	1.2			1.8	₹ ?	
1,1-Dichloroprogne	7			7	V V	
1,2,3-Trichlorobenzene	7			7	٧	
1,2,3-Trichloropropane	7			7	7	
1.2.4-Trimethylbenzene	7 5			7	7 5	
1,2-Dibromo-3-chloropropane	٧			7	٧.	
1,2-Dichochane	7			₹ ₹	₹ ₹	
1,2-Dichloroethane	₹			7	7	
1,2-Dichloropropane	₽			۲	₽.	
1,3,5-1 rimethylbenzene	\$ \$			5	V V	
1,3-Dichloropropane	\ \ \			7	7	
1,4-Dichlorobenzene	7			۲۷	V-	
2,2-Dichloropropane	7))	V 1	7	
4-Chlorotoluene	7			7	₹ 5	
4-Isopropyftoluene	۲			V	۲	
Benzene	3.4			4.1	9.6	
Bromochloromethane	2 2			7	7	
Bromodichloromethane	~1			7	V	
Bromoform	₹ 3			V	2	
Carbon tetrachloride	7			7 5	√ ₹	
Chlorobenzene	7			1.8	V	
Chloroethane	7			1.7	7	
Chloromethane	7 5			7 5	7	
cis-1,2-Dichlrorethene	1>			1	7	
cis-1,3-Dichloropropene	7			7	7	
Dibromomethane	7 5			₹ 5	7	
Dichlorodifluoromethane	₹.			5	5	
Ethylbenzene Hevsehlorghutsdiene	12			2.1	1	
Isopropylbenzene	₹ 5			1	12	
m/p-Xylene	\ \			₽,	5	
Methylene chloride	₹ ₹			5 5	5 5	
n-Butylbenzene	C1			۲	12	
n-Propylbenzene	7			7	₹ ₹	
o-Xylene p-Xylene	V			7	v	
sec-Butylbenzene	₹.			₹,	5	
Styrene lert-Butylberzene	\ \ \			5 5	5 5	
Tetrachloroethene	\ \ \			12	12	
Toluene	5.4			₹ ₹	72	
trans-1,3-Dichloropropene	7 5			7 5	7 5	
Trichloroethene	V			۲	₹	
Trichlorofluoromethane	₹ ₹			V V	V V	
VIII Y CHICKLES						

3/0 2/0/8	789	53.17	735.83	9/25/2008 U0809489-010	-109	8.91	122	15.7	0.427	400	<0.500		0.44	<0.020	<0.030	000		₹	5	5	V		7 0	7 5			7	7 7	7 3	5	V	5	V .	V		V	٧	-	₹	7	1	<0.5	1>	V	4	⊽	1>	7	7	٧	۲۷	*	₽ .	5	715	7 5	5	\ \ \	V	7	7	5		7 7	7	7	V	V	٧	1	1	1	7	7	7
8002 puz	789	53.17		6/25/2008 U0806522-011	6	8.63	41.3	13.9	0.294	200	<0.500	<3.0	0.27	<0.020	<0.030	200		V	V	5	5	7	7 5	7			7	7 7	7			5	V .			5	5	V	₩.	5	V	<0.5	1>	V	4	₽	4	-	₹	V	۲>	4	5	7	7 7	7 5	V	~	*	1	2	5	5 3	7 5	7	2	2	5	7	₹	7	5	₹ 5	V	7
7000	Sampled	П																																																																									
tood int	789	50.81	738.19	12/28/2007	-112	8.32	17.1		<0.200	123	17.3	18.7	3.9	0.15	<0.030	130.0		₹	₹	V	V .	9,7	7	7	7	₹ 5	7 0	7 7	7 3	5	5	5	5	5	7 3	V	₹	₹	₹	V	V	8.4	15	V	12	5	۲۷	V	8	6.3	1>	V	2.9		717	7	ō	7	₹	₹	₹			7 5	,	5	V	V	10	5	7	₹	7	7	
-	789 Sampled		36.68	626/2007	-178	8.91	34.2	17.5	0.465	32 1	.500	<3.0	0.14	0.020	0.030	.050		^	₽	V	5	5 5	7 5	7 5		V		7 7	7 7	5		5	V 1	٠	7	5	v	~1	1	4	5	<0.5	2	V	<1	₹	4	4	4	V	7	٠	5	7 0	7 5	7 5	V	V	₽	7	v	V	5 3	7 5		5	2	v	7	₹	7	\	V		-
	Sampled		2	6/26 U0706507-										∀ .	V	1																	-																																										
	Sampled Not Sa																																																						1																				
	Ž.	52.69	736.31	9.21.06	- 08-	9.71	71.8	11.3	0.49	2/0	<.500	<3.0	0.62	<.020	<0.030	0.020		₹	V	5	V	5 1	7 7	7 0		V	, 5	7 7	7	5	5	₹ .		5	5	5	٧	۱>	5	5	V	<0.5	1	₽	در در	4	Þ	٧	٧	۲۷	۱۷	۲	₽,	7	7 2	7 0	V	₽	V	₽	₽	V	0 3	, 5	7	V	V	V	V	\⊽	₽	v	চ	15	
	Not Sampled			0900																																																																							
1		51.76	737.24	03.07.06	-100	9.54	27.2	8.7	0.37	902	<.500	3	0.25	<.020	0.12	20.5		4	5	5	5	5 7	7 5	7 5			7	7 3	5	5	5	5	V .	5	7	V	٧.	!	٧	5	7	<0.5	7	7	۷.	!	1>	۲۷	₽	₹	<1	·	₹	5 3	7 5	7 5	7	₹	5	₹	₹	5	5	7 7	,	₹	V		7	₹	1	10	7 5	7	1
2000	1			12.21.05 U0512340-014			4.22											7	5	5	V	7	7	7			7	7			5	5	41	7		5	c1	5	1	5	12	<0.5	7	₹	۲>	-	1	<1><	-	V	! >	۲۷	₹	5	7 5	7 0	V	٧	•	5	₹	₹.		7	7	5	V	5	7	5	7	V	7 5	7	
	789 789	1.97 16.33	7.03 772.67 8.62 32.02	9.05 9/20/2007 009 U0709291-00	100		61.1 4.92																																														7																						
	-	-	73	6.29.05							0			V	0																																																												
1	789 Sampled	50.73	738.27	12.21.04	115	8.93	22.8	4.2	0.3	340	<.5	3.0	0.28	<.020	0.067	070		5	V.	₹	5	5 1		7			7 10	7 3	7	V .				5		41	V	•	۲۷	•	7	<0.5	-	V	۲۷	۲	۲	۲۰	V	۲>	~	۶.	5		7 5	7 5	7	•		7	Į.		5	7 7	,	-	1		15	5	7		715		
100	Sampled		739.03			8.61	16.6	15.3	0.5	202	<0.5	2	0.18	0.02	0.056	20.0		۲۰	V		5	7	7 5	V		V		7 7	7 3	· .	5	دا	₽	V	1	V	۲-	~	₽	₩.	₽	50.5	-	5	۲۰	۷.	<1	4	~	4	7	V	₽	V 1	7 5	7 5	₽	7		v	V		U	7 5		V		v	7	1			7 5	7 5	
	Sampled		4.0	6.9.04 U0406352																																																																							
			78.62	12.09.03	-175	96.6	25.6	8.2	<0.02 80	0.0	1.1	4	1.6	0.03	0.03	30.00		V	υ	V	V 3	5 5	7 5	V	v	V	7	7 7	7 3	5	5	2	5	١,	7	4	₹	۷		₹	2	<0.5	V	5	۲۷	۲۷	درا	7	۲۷	V	7	V	٠	7	7 5	7	7	V	4	0	V		5	715	7	5	V	5	V	1	V	V	V		
	789 Sampled		8.62	6.25.03	-289	1.92	16.7	15.8	4.0	20	<0.5	7	6.0	0.02	0.04			<0.5	<0.5	<0.5	50.5	0.00	50.5	40.5	<0.5	0.5	50.5	200	0.00	0.00	0.0	0.0	0.00	0.0	0.0	50.5	5.0.5	5.00	:0.5	50.5	5.0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	<0.5	0.0	2 10	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.0	200	2	0.5	1.5	0.5	5.0	0.5	1.5	.5			
	Sampled			1770										•																								•						•	•			•	V	V		V							•	•	•					7	•	7	7		7	8	0	7	
15/2	Sampled		8.62	2002	-296	11.5	17.3	14.3	2.0	0.0	<0.5	4	0.04	20.02	50.0			5.0.5	0.5	0.5	0.0	200	50.0	0.5	0.5	0.5	200	200	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	9.5	0.5	\$0.5	2.0	2.6	5.0	3.5	3.5	5.0	0.	5.	0,1	0. 4	2 40	2	.5	.5	10	10	5	10	.5	20.00	2	
	Sampled 78		7	9/17/2002										0															1					,			*	•	•	•	V		٧	٧	V	•	٧	v .	V	V .	V	V	V	7	V V	8	₹	7	5	V	٥.	0 9	7 4	9		9>	9	9	9	8	9	8	<0.5	0>	
couciocie	-	48.76	78.62	3/29/2002	76-		6.31	12.3	202	35	<.5	3.0	0.3	<0.02	0.07	70.0		<0.5	<0.5	0.5	50.5	50.5	50.0	<0.5	<0.5	<0.5	505	2 4	200	000	000	0.00	0.00	0.05	0.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	50.5	505	<0.5	<0.5	<0.5	<0.5	4.0	<0.5	0.00	0.00	505	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	300
Units	Feet	1	Purge)		Λm	Std.	N C	8	T/gm/	mg/L	MgM	mg/L	J/6mi	mg/L	mg/L	T/gm				ng/L	1/6n	Ug/L	100	naA		Т	T	T	T	100/		-11	T/Sn	ng/L	JON.	ng/L	J/Gn	Ug/L	Ug/L	Ug/L	na/L	ng/L	ng/L	J/6n	ug/L	J/6n	J/6n	1/6n	Joh	J/Gn	J/gn	J/6n	J/Gn	Jon Jon	700	nov	ug/L	J/gn	Job/	Ug/L	Jon To	Ug/L	700	100	100	Ug/L	Jon John	No/L	Non.		1		no/L		Ī
open meller ment	Top of Casing Elevation	Water Level	Water Elevation (Before P	Sample Date: Laboratory Sample Number:		-	Turbidity	Temperature	trate	Chloride	monia	Total Organic Carbon	Total Iron	otal Manganese	Soluble Iron	Total Lead	Soluble Lead	1,1,2-Tetrachloroethane	1-Trichloroethane	1,1,2,2-Tetrachloroethane	2-Inchloroethane	Dichlomothone	Dichloropropopa	1,2,3-Trichlorobenzene	-Trichloropropane	-Trichlorobenzene	-Trimethylhenzana	ihmmo 3 oblocoprope	homothan	promoemane	Chloropenzene	chloroemane	chloropropane	1,3,5-I nmemyibenzene	CHOLODENZENE	ichloropropane	ichlorobenzene	chloropropane	protoluene	4-Chlorotoluene	4-Isopropytoluene	Benzena	Bromobenzene	Bromochloromethane	odichloromethane	Bromoform	Bromomethane	on tetrachloride	Chlorobenzene	Chloroethane	oform	omethane	cis-1,2-Dichloroethene	3-Uchloropidade	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachlorobutadiene	Isopropylbenzene	m/p-Xylene	Methylene chloride	alene	n-butyloerizerie	Xvlene	2 0	sec-Butylbenzene		ylbenzene	Tetrachloroethene	Toluene	,2-Dichloroethene	,3-Dichloropropene	Trichloroethene	rofluoromethane	Joseph

3rd 2009

1st 2009

4th 2008

Upstate Laboratories, Inc. 15521.6W107

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209

Mailing: Box 169 * Syracuse, NY 13206

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DEC 0 3 2009

NYSDEC REG 9

XREL_UNREL

G. Edward Lover, Sr. Geologist Glynn Geotechnical Engineering 415 S. Transit St. Lockport, NY 14094

Wednesday, November 18, 2009

Order No.: U0910503

RE: Analytical Report:

Lancaster LF Quarterly

Dear G. Edward Lover, Sr. Geologist:

Upstate Laboratories, Inc. received 12 sample(s) on 10/23/2009 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala

President/CEO

GC:

M. McIntosh, NYSDEC-Region 9: copy report

confidentiality Statement: This report is meant for the use of the intended recipient. It may contain confidential information, which is legally privileged or otherwise protected by law. If you have received this report in error, you are strictly prohibited from reviewing, using, disseminating, distributing or copying the information.

NY Lab ID 10170 NJ Lab ID NY750 PA Lab ID 68-01096

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-001

Date: 18-Nov-09

Client Sample ID: W-2

Collection Date: 10/22/2009 2:39:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:
Conductivity	248	1.0	umhos/cm		10/22/2009 2:39:00 PM
Eh	200	-300	mV		10/22/2009 2:39:00 PM
pH	6-98	6.5-8.5	SU		10/22/2009 2:39:00 PM
SWL	13.53		ft		10/22/2009 2:39:00 PM
Temperature	14.0		degC		10/22/2009 2:39:00 PM
Turbidity	18.1	5.0	NTU		10/22/2009 2:39:00 PM
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMN
1,1,1,2-Tetrachloroethane	ND	1.0	_ μg/L	1	11/3/2009 2:27:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,1,2,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,1-Dichloroethane	3.6	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
4-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Benzene	6.1	0.50	μg/L	1	11/3/2009 2:27:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Bromoform	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Bromomethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM

Approved By:
Qualifiers: *

PMA

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 11-18-09

Page 1 of 35

** Value exceeds Maximum Contaminant Value

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Analytical Report

Lab Order: Project:

CLIENT: Glynn Geotechnical Engineering

U0910503

Lancaster LF Quarterly

Lab ID: U0910503-001 Date: 18-Nov-09

Client Sample ID: W-2

Collection Date: 10/22/2009 2:39:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
Chlorobenzene	2.9	1.0	μg/L	1	11/3/2009 2:27:00 PM
Chloroethane	13	1.0	µg/L	1	11/3/2009 2:27:00 PM
Chloroform	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Chloromethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
cis-1,2-Dichloroethene	2.3	1.0	μg/L	1	11/3/2009 2:27:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Ethylbenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Hexachlorobutadiene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
n-Butylbenzene	ND	1.0	µg/L	1	11/3/2009 2:27:00 PM
n-Propylbenzene	ND	1.0	µg/L	1	11/3/2009 2:27:00 PM
Naphthalene	ND	1.0	µg/L	1	11/3/2009 2:27:00 PM
o-Xylene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Styrene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
tert-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Tetrachloroethene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Toluene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
trans-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Trichloroethene	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Trichlorofluoromethane	ND	1.0	μg/L	1	11/3/2009 2:27:00 PM
Vinyl chloride	1.6	1.0	μg/L	1	11/3/2009 2:27:00 PM
CP METALS, TOTALS	- /		200.7WT	(E200.7)	Analyst: ALW
Iron	7.5	0.030	mg/L	1	11/4/2009 11:53:05 AM
Manganese	0.21	0.020	mg/L	1	11/4/2009 11:53:05 AM
CP METALS, DISSOLVED			200.7WD	(E200.7)	Analyst: ALW
Iron	ND	0.030	mg/L	1	11/5/2009 3:14:16 PM
Manganese NOTES:	0.22	0.020	mg/L	1	11/5/2009 3:14:16 PM

Dissolved value may be higher than total, however, the values are within experimental error.

ALKALINITY ON AQUEOUS SAMPLES BY LACHAT

310.2W

Analyst: VAW

Approved E		Pm H	Date:	1.18 00	Page 2 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contamin	C
	В	Analyte detected in the associated Method Blank	Е	Value above quantitation range	

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Client Sample ID: W-2

Lab Order:

U0910503

Collection Date: 10/22/2009 2:39:00 PM

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-001

Matrix: GROUNDWATER

Date: 18-Nov-09

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
ALKALINITY ON AQUEOUS SAMPLES	BY LACHAT		310.2W		Analyst: VAW
Alkalinity, Total (As CaCO3)	840	100	mg/LCaCO3	10	10/24/2009
CHLORIDE WATERS BY LACHAT			325.2 W		Analyst: VAW
Chloride	69.5	1.00	mg/L	1	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LAG	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	9.10	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)			353.2_WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	ND	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)	/		415.1		Analyst: VAW
Organic Carbon, Total	8.2	3.0	mg/L	1	10/27/2009

Approved B	y:	Рмн	Date:	11-18-09	Page 3 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contar	ninant Value
	~	A to to did to the two did Block	-	The state of the state of	

- B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-002

Date: 18-Nov-09

Client Sample ID: W-3

Collection Date: 10/22/2009 3:30:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:
Conductivity	1192	1.0	umhos/cm		10/22/2009 3:30:00 PM
Eh	216	-300	mV		10/22/2009 3:30:00 PM
pН	6.70	6.5-8.5	SU		10/22/2009 3:30:00 PM
SWL	22.30		ft		10/22/2009 3:30:00 PM
Temperature	13.4		degC		10/22/2009 3:30:00 PM
Turbidity	27.5	5.0	NTU		10/22/2009 3:30:00 PM
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
1,1,1,2-Tetrachloroethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,1,1-Trichloroethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,1,2-Trichloroethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,1-Dichloroethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,1-Dichloroethene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,1-Dichloropropene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2,3-Trichlorobenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2,3-Trichloropropane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2,4-Trichlorobenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2,4-Trimethylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2-Dibromoethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2-Dichlorobenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2-Dichloroethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,2-Dichloropropane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,3,5-Trimethylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,3-Dichlorobenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,3-Dichloropropane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
1,4-Dichlorobenzene	5.8	5.0	μg/L	5	11/5/2009 2:54:00 PM
2,2-Dichloropropane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
2-Chlorotoiuene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
4-Chlorotoluene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
4-Isopropyltoluene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Benzene	4.1	2.5	μg/L	5	11/5/2009 2:54:00 PM
Bromobenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Bromochloromethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Bromodichloromethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Bromoform	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Bromomethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Carbon tetrachloride	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM

Approved	By:
Qualifiers:	*

PmH

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 11-18-09

Page 4 of 35

** Value exceeds Maximum Contaminant Value

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-002

Date: 18-Nov-09

Client Sample ID: W-3

Collection Date: 10/22/2009 3:30:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
Chlorobenzene	8.8	5.0	µg/L	5	11/5/2009 2:54:00 PM
Chloroethane	25	5.0	μg/L	5	11/5/2009 2:54:00 PM
Chloroform	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Chloromethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
cis-1,2-Dichloroethene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
cis-1,3-Dichloropropene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Dibromochloromethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Dibromomethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Dichlorodifluoromethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Ethylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Hexachlorobutadiene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Isopropylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
m,p-Xylene	5.2	5.0	μg/L	5	11/5/2009 2:54:00 PM
Methylene chloride	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
n-Butylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
n-Propylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Naphthalene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
o-Xylene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
sec-Butylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Styrene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
tert-Butylbenzene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Tetrachloroethene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Toluene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
trans-1,2-Dichloroethene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
trans-1,3-Dichloropropene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Trichloroethene	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Trichlorofluoromethane	ND	5.0	μg/L	5	11/5/2009 2:54:00 PM
Vinyl chloride	10	5.0	μg/L	5	11/5/2009 2:54:00 PM
NOTES:					
The reporting limits were raised due to matrix Sample foamed during purging procedure.	interference.				
ICP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	-31	0.030	mg/L	1	11/4/2009 12:41:43 PM
Manganese	0.90	0.020	mg/L	1	11/4/2009 12:41:43 PM
ICP METALS, DISSOLVED	-		200.7WD	(E200.7)	Analyst: ALW
Iron	2.14	0.030	mg/L	1	11/5/2009 3:40:37 PM
Manganese	0.85	0.020	mg/L	1	11/5/2009 3:40:37 PM

Approved By:

PINH

Date: 11-18-09

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Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U Project: L

U0910503

Lancaster LF Quarterly

Lab ID:

U0910503-002

Date: 18-Nov-09

Client Sample ID: W-3

Collection Date: 10/22/2009 3:30:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
ALKALINITY ON AQUEOUS SAMPLES	BY LACHAT		310.2W		Analyst: VAW
Alkalinity, Total (As CaCO3)	1200	100	mg/LCaCO3	10	10/24/2009
CHLORIDE WATERS BY LACHAT	1		325.2 W		Analyst: VAW
Chloride	265	1.00	mg/L	1	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	159	5.00	mg/L	10	10/24/2009
NITROGEN, NITRATE (AS N)		3	353.2_WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	ND	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)			415.1		Analyst: VAW
Organic Carbon, Total	44.0	3.0	mg/L	1	10/27/2009

Approved By:	Pm 4	Date:	11-18-09	Page 6 of 35
Qualifiers: *	Low Level	**	Value exceeds Maximum Con	ntaminant Value

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-003 Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:
Conductivity	1140	1.0	umhos/cm		10/22/2009 2:52:00 PM
Eh	175	-300	mV		10/22/2009 2:52:00 PM
pH	7.39	6.5-8.5	SU		10/22/2009 2:52:00 PM
SWL	20.11		ft		10/22/2009 2:52:00 PM
Temperature	12.6		degC		10/22/2009 2:52:00 PM
Turbidity	148.0	5.0	NTU		10/22/2009 2:52:00 PM
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
1,1,1,2-Tetrachloroethane	ND	1.0	<u> </u>	1	11/3/2009 4:36:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,1,2,2-Tetrachioroethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1.3-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
4-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
Benzene	ND	0.50	μg/L	1	11/3/2009 4:36:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
Bromoform	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
Bromomethane	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/3/2009 4:36:00 PM

Approved By:

Qualifiers:

PMH

Low Level

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 11-18-09

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** Value exceeds Maximum Contaminant Value

Date: 18-Nov-09

Collection Date: 10/22/2009 2:52:00 PM

Client Sample ID: W-5A

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn C

Glynn Geotechnical Engineering

Lab Order:

U0910503

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-003

Date: 18-Nov-09

Client Sample ID: W-5A

Collection Date: 10/22/2009 2:52:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260			802	1_W		Analyst: CMM
Chlorobenzene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Chloroethane	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Chloroform	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Chloromethane	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
cis-1,2-Dichloroethene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
cis-1,3-Dichloropropene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Dibromochloromethane	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Dibromomethane	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Dichlorodifluoromethane	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Ethylbenzene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Hexachlorobutadiene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Isopropylbenzene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
m,p-Xylene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Methylene chloride	13	1.0	В	μg/L	1	11/3/2009 4:36:00 PM
n-Butylbenzene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
n-Propylbenzene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Naphthalene	ND	1.0		μg/L	· 1	11/3/2009 4:36:00 PM
o-Xylene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
sec-Butylbenzene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Styrene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
tert-Butylbenzene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Tetrachloroethene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Toluene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
trans-1,2-Dichloroethene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
trans-1,3-Dichloropropene	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Trichloroethene	ND	1.0		µg/L	1	11/3/2009 4:36:00 PM
Trichlorofluoromethane	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
Vinyl chloride	ND	1.0		μg/L	1	11/3/2009 4:36:00 PM
NOTES: B- Methylene chloride present in the method	blank. Recovery	assumed	to be co	ontaminatio	on.	
ICP METALS, TOTALS			200.	7WT	(E200.7)	Analyst: ALW
Iron	0.88	0.030		mg/L	1	11/4/2009 12:50:19 PM
Manganese	0:14	0.020		mg/L	1	11/4/2009 12:50:19 PM
ICP METALS, DISSOLVED			200.	7WD	(E200.7)	Analyst: ALW
Iron	0.065	0.030		mg/L	1	11/5/2009 3:45:30 PM
Manganese	ND	0.020		mg/L	1	11/5/2009 3:45:30 PM
ALKALINITY ON AQUEOUS SAMPLES	BY LACHAT		310	.2W		Analyst: VAW

Approved By:

PMH

Date:

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Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Lancaster LF Quarterly

Project: Lab ID:

U0910503-003

Date: 18-Nov-09

Client Sample ID: W-5A

Collection Date: 10/22/2009 2:52:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
ALKALINITY ON AQUEOUS SAMPLES	BY LACHAT		310.2W		Analyst: VAW
Alkalinity, Total (As CaCO3)	370	10	mg/LCaCO3	1	10/24/2009
CHLORIDE WATERS BY LACHAT	-/		325.2_W		Analyst: VAW
Chloride	3,55	1.00	mg/L	1	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	ND	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)		3	53.2_WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	ND	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)	_/		415.1		Analyst: VAW
Organic Carbon, Total	ND	3.0	mg/L	1	10/27/2009

Approved B	Ву:	Pm H	Date:	11-18-09	Page 9 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant Va	alue
	R	Analyte detected in the associated Method Blank	F	Value above quantitation range	

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-004 Matrix: GROUNDWATER

FIELD PARAMETERS Conductivity 363 Eh	1.0 -300 6.5-8.5 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	FIELD umhos/cm mV SU ft degC NTU 8021_W µg/L µg/L	1 1 1 1 1 1 1 1	Analyst: 10/22/2009 3:08:00 PM 11/2/2009 7:15:00 PM
Eh 208 pH 6-80 SWL 32.93 Temperature 10.7 Turbidity 19.4 EPA 8021 LIST BY EPA METHOD 8260 1,1,1,2-Tetrachloroethane ND 1,1,1-Trichloroethane ND 1,1,2-Trichloroethane ND 1,1,2-Trichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,2-3-Trichlorobenzene ND 1,2,3-Trichlorobenzene ND 1,2,4-Trimethylbenzene ND 1,2-4-Trimethylbenzene ND 1,2-Dibromo-3-chloropropane ND 1,2-Dibromoethane ND 1,2-Dichlorobenzene ND 1,2-Dichloroethane ND 1,2-Dichloropropane ND 1,3,5-Trimethylbenzene ND 1,3-Dichlorobenzene ND 1,3-Dichlorobenzene ND	-300 6.5-8.5 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	mV SU ft degC NTU 8021_W µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1	10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM Analyst: CMM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
pH 6,80 SWL 32.93 Temperature 10.7 Turbidity 19.4 EPA 8021 LIST BY EPA METHOD 8260 1,1,1,2-Tetrachloroethane ND 1,1,1-Trichloroethane ND 1,1,2-Trichloroethane ND 1,1,2-Trichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,2,3-Trichloropropene ND 1,2,3-Trichloropropane ND 1,2,4-Trimethylbenzene ND 1,2,4-Trimethylbenzene ND 1,2-Dibromo-3-chloropropane ND 1,2-Dibromoethane ND 1,2-Dichlorobenzene ND 1,2-Dichloropropane ND 1,3,5-Trimethylbenzene ND 1,3-Dichlorobenzene ND 1,3-Dichlorobenzene ND 1,3-Dichlorobenzene ND	5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	SU ft degC NTU 8021_W µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1	10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM Analyst: CMM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
SWL 32.93 Temperature 10.7 Turbidity 19.4 EPA 8021 LIST BY EPA METHOD 8260 1,1,1,2-Tetrachloroethane ND 1,1,1-Trichloroethane ND 1,1,2-Trichloroethane ND 1,1,2-Trichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,2,3-Trichloropropene ND 1,2,3-Trichlorobenzene ND 1,2,4-Trichlorobenzene ND 1,2,4-Trimethylbenzene ND 1,2-Dibromo-3-chloropropane ND 1,2-Dibromoethane ND 1,2-Dichlorobenzene ND 1,2-Dichloropropane ND 1,3,5-Trimethylbenzene ND 1,3-Dichlorobenzene ND 1,3-Dichlorobenzene ND	5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	ft degC NTU 8021_W µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1	10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM Analyst: CMM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
Temperature Turbidity EPA 8021 LIST BY EPA METHOD 8260 1,1,1,2-Tetrachloroethane ND 1,1,1-Trichloroethane ND 1,1,2-Tetrachloroethane ND 1,1,2-Trichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethene ND 1,2,3-Trichloropropene ND 1,2,3-Trichloropropane ND 1,2,4-Trichlorobenzene ND 1,2,4-Trimethylbenzene ND 1,2-Dibromo-3-chloropropane ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,3-Trimethylbenzene ND 1,3-Trimethylbenzene ND 1,3-Dichloropropane ND 1,3-Dichlorobenzene ND 1,3-Dichlorobenzene ND	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	degC NTU 8021_W µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1	10/22/2009 3:08:00 PM 10/22/2009 3:08:00 PM Analyst: CMM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
Turbidity EPA 8021 LIST BY EPA METHOD 8260 1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dichloroethene 1,2,3-Trichloropropene 1,2,3-Trichloropropane 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane 1,2-Dibromoethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,2-Dichloropropane 1,3,5-Trimethylbenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	NTU 8021_W µg/L	1 1 1 1 1 1 1 1	Analyst: CMM 11/2/2009 7:15:00 PM
EPA 8021 LIST BY EPA METHOD 8260 1,1,1,2-Tetrachloroethane ND 1,1,1-Trichloroethane ND 1,1,2,2-Tetrachloroethane ND 1,1,2-Trichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloropropene ND 1,2,3-Trichlorobenzene ND 1,2,3-Trichlorobenzene ND 1,2,4-Trimethylbenzene ND 1,2,4-Trimethylbenzene ND 1,2-Dibromo-3-chloropropane ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichlorobenzene ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,2-Dichloropropane ND 1,3-Trimethylbenzene ND 1,3-Trimethylbenzene ND 1,3-Dichlorobenzene ND	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	8021_W µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1	Analyst: CMM 11/2/2009 7:15:00 PM
1,1,1,2-Tetrachloroethane ND 1,1,1-Trichloroethane ND 1,1,2-Tetrachloroethane ND 1,1,2-Trichloroethane ND 1,1-Dichloroethane ND 1,1-Dichloroethene ND 1,1-Dichloropropene ND 1,2,3-Trichlorobenzene ND 1,2,3-Trichloropropane ND 1,2,4-Trichlorobenzene ND 1,2,4-Trimethylbenzene ND 1,2-Dibromo-3-chloropropane ND 1,2-Dibromoethane ND 1,2-Dichlorobenzene ND 1,2-Dichloropropane ND 1,3,5-Trimethylbenzene ND 1,3-Dichlorobenzene ND	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,1,1-TrichloroethaneND1,1,2-TrichloroethaneND1,1,2-TrichloroethaneND1,1-DichloroethaneND1,1-DichloroetheneND1,1-DichloropropeneND1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,1,2,2-TetrachloroethaneND1,1,2-TrichloroethaneND1,1-DichloroethaneND1,1-DichloroetheneND1,1-DichloropropeneND1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3-TrimethylbenzeneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0 1.0 1.0 1.0 1.0	µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1 1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,1,2-TrichloroethaneND1,1-DichloroethaneND1,1-DichloroetheneND1,1-DichloropropeneND1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0 1.0 1.0 1.0 1.0	μg/L μg/L μg/L μg/L μg/L μg/L μg/L	1 1 1 1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,1-DichloroethaneND1,1-DichloroetheneND1,1-DichloropropeneND1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloropropaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0 1.0 1.0 1.0	μg/L μg/L μg/L μg/L μg/L μg/L	1 1 1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,1-DichloroethaneND1,1-DichloroetheneND1,1-DichloropropeneND1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0 1.0 1.0	μg/L μg/L μg/L μg/L μg/L μg/L	1 1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,1-DichloroetheneND1,1-DichloropropeneND1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0 1.0	µg/L µg/L µg/L µg/L µg/L µg/L	1 1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,1-DichloropropeneND1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0 1.0	μg/L μg/L μg/L μg/L μg/L	1 1 1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,2,3-TrichlorobenzeneND1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND	1.0 1.0 1.0	µg/L µg/L µg/L µg/L	1	11/2/2009 7:15:00 PM 11/2/2009 7:15:00 PM
1,2,3-TrichloropropaneND1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND	1.0 1.0	μg/L μg/L μg/L	1	11/2/2009 7:15:00 PM
1,2,4-TrichlorobenzeneND1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND	1.0	μg/L μg/L		
1,2,4-TrimethylbenzeneND1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND		μg/L	1	
1,2-Dibromo-3-chloropropaneND1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND	1.0		1	11/2/2009 7:15:00 PM
1,2-DibromoethaneND1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND		μg/L	1	11/2/2009 7:15:00 PM
1,2-DichlorobenzeneND1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND	1.0	μg/L	1	11/2/2009 7:15:00 PM
1,2-DichloroethaneND1,2-DichloropropaneND1,3,5-TrimethylbenzeneND1,3-DichlorobenzeneND	1.0	μg/L	1	11/2/2009 7:15:00 PM
1,2-Dichloropropane ND 1,3,5-Trimethylbenzene ND 1,3-Dichlorobenzene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
1,3,5-Trimethylbenzene ND 1,3-Dichlorobenzene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
1,3-Dichlorobenzene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
.,0 = .0	1.0	μg/L	1	11/2/2009 7:15:00 PM
	1.0	μg/L	1	11/2/2009 7:15:00 PM
1,4-Dichlorobenzene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
2,2-Dichloropropane ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
2-Chiorotoluene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
4-Chlorotoluene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
4-Isopropyltoluene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Benzene 2.6	0.50	μg/L	1	11/2/2009 7:15:00 PM
Bromobenzene ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Bromochloromethane ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Bromodichloromethane ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Bromoform ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Bromomethane ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Carbon tetrachloride ND	1.0	μg/L	1	11/2/2009 7:15:00 PM

Approved By:

PMH

Date:

11-18-09

Page 10 of 35

Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

* Value exceeds Maximum Contaminant Value

Date: 18-Nov-09

Collection Date: 10/22/2009 3:08:00 PM

Client Sample ID: W-6

- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-004

Date: 18-Nov-09

Client Sample ID: W-6

Collection Date: 10/22/2009 3:08:00 PM

	Matrix:	GROUNDWATER					
its		DF	Date Analy				

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
Chlorobenzene	ND	1.0	<u> </u>	1	11/2/2009 7:15:00 PM
Chloroethane	5.5	1.0	μg/L	1	11/2/2009 7:15:00 PM
Chloroform	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Chloromethane	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Ethylbenzene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Hexachlorobutadiene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
n-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
n-Propylbenzene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Naphthalene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
o-Xylene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Styrene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
tert-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Tetrachloroethene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Toluene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
trans-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Trichloroethene	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Trichlorofluoromethane	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
Vinyl chloride	ND	1.0	μg/L	1	11/2/2009 7:15:00 PM
ICP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	2.6	0.030	mg/L	1	11/4/2009 12:59:10 PM
Manganese	0.11	0.020	mg/L	1	11/4/2009 12:59:10 PM
ICP METALS, DISSOLVED	/		200.7WD	(E200.7)	Analyst: ALW
Iron	ND	0.030	mg/L	1	11/5/2009 3:50:05 PM
Manganese NOTES:	0.12	0.020	mg/L	1	11/5/2009 3:50:05 PM

Dissolved value may be higher than total, however, the values are within experimental error.

ALKALINITY ON AQUEOUS SAMPLES BY LACHAT

310.2W

Analyst: VAW

Approved	Ву:	PMH	Date:	11-18-09 Page 11	of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant Value	
	В	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits	

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-004

Date: 18-Nov-09

Client Sample ID: W-6

Collection Date: 10/22/2009 3:08:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
ALKALINITY ON AQUEOUS SAMPLES	BY LACHAT		310.2W		Analyst: VAW
Alkalinity, Total (As CaCO3)	740	100	mg/LCaCO3	10	10/24/2009
CHLORIDE WATERS BY LACHAT	/		325.2_W		Analyst: VAW
Chloride	312	1.00	mg/L	1	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	3.47	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)		:	353.2_WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	NO	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)	/		415.1		Analyst: VAW
Organic Carbon, Total	4.5	3.0	mg/L	1	10/27/2009

Approved B	y:	PMH	Date:	11-18-09	Page 12 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminar	nt Value
	_		_		

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

Value above quantitation range

J Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-005

Date: 18-Nov-09

Client Sample ID: W-8

Collection Date: 10/22/2009 3:49:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:
Conductivity	462	1.0	umhos/cm		10/22/2009 3:49:00 PM
Eh	175	-300	mV		10/22/2009 3:49:00 PM
pН	7.42	6.5-8.5	SU		10/22/2009 3:49:00 PM
SWL	20.88		ft		10/22/2009 3:49:00 PM
Temperature	14.3		degC		10/22/2009 3:49:00 PM
Turbidity	15,2	5.0	NTU		10/22/2009 3:49:00 PM
EPA 8021 LIST BY EPA METHOD 8260			8021 W		Analyst: CMM
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,1,2,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
4-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Benzene	ND	0.50	μg/L	1	11/3/2009 5:19:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Bromoform	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Bromomethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM

Approved B	y
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PMH

Date: 11-18-09

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- Qualifiers:
- Low Leve
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-005

Date: 18-Nov-09

Client Sample ID: W-8

Collection Date: 10/22/2009 3:49:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260	/		8021_W		Analyst: CMM
Chlorobenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Chloroethane	/ ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Chloroform	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Chloromethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Ethylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Hexachlorobutadiene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
n-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
n-Propylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Naphthalene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
o-Xylene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Styrene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
tert-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Tetrachloroethene	2.5	1.0	μg/L	1	11/3/2009 5:19:00 PM
Toluene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
trans-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Trichloroethene	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Trichlorofluoromethane	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
Vinyl chloride	ND	1.0	μg/L	1	11/3/2009 5:19:00 PM
CP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	1.8	0.030	mg/L	1	11/4/2009 1:07:51 PM
Manganese	0.28	0.020	mg/L	1	11/4/2009 1:07:51 PM
CP METALS, DISSOLVED			200.7WD	(E200.7)	Analyst: ALW
Iron	ND	0.030	mg/L	1	11/5/2009 3:54:42 PM
Manganese	0.027	0.020	mg/L	1	11/5/2009 3:54:42 PM
ALKALINITY ON AQUEOUS SAMPLES BY LACHAT Alkalinity, Total (As CaCO3) 280		10	310.2W mg/LCaCC	03 1	Analyst: VAW 10/23/2009
CHLORIDE WATERS BY LACHAT			325.2_W		Analyst: VAW

Approved By:

В

Qualifiers:

PMH

Low Level

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 11-18-09

Page 14 of 35

** Value exceeds Maximum Contaminant Value

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U

U0910503

Lancaster LF Quarterly

Lab ID:

U0910503-005

Date: 18-Nov-09

Client Sample ID: W-8

Collection Date: 10/22/2009 3:49:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
CHLORIDE WATERS BY LACHAT			325.2 W		Analyst: VAW
Chloride	273	1.00	mg/L	1	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1 W		Analyst: BY
Nitrogen, Ammonia (As NH3)	ND	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)	/		353.2_WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	0.464	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)	/		415.1		Analyst: VAW
Organic Carbon, Total	3,7	3.0	mg/L	1	10/27/2009

Approved By	:_	PMH	Date:	11-18-09	Page 15 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contaminant V	/alue
1	В	Analyte detected in the associated Method Blank	E	Value above quantitation range	
1	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limi	ts

H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

U0910503-006

Client Sample ID: W-A

Lab Order:

U0910503

Collection Date: 10/22/2009 4:09:00 PM

Project:

Lab ID:

Lancaster LF Quarterly

Matrix: GROUNDWATER

Date: 18-Nov-09

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS	/		FIELD		Analyst:
Conductivity	1214	1.0	umhos/cm		10/22/2009 4:09:00 PM
Eh	201	-300	mV		10/22/2009 4:09:00 PM
pH	6.96	6.5-8.5	SU		10/22/2009 4:09:00 PM
SWL	12.17		ft		10/22/2009 4:09:00 PM
Temperature	-12.5		degC		10/22/2009 4:09:00 PM
Turbidity	414	5.0	NTU		10/22/2009 4:09:00 PM
EPA 8021 LIST BY EPA METHOD 826)		8021_W		Analyst: CMM
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,1,2,2-Tetrachloroethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
4-Chlorotoluene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Benzene	ND	0.50	μg/L	1	11/2/2009 8:40:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Bromoform	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Bromomethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM

Approved By: Qualifiers:

В

PMH

Low Level Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded Η

ND Not Detected at the Reporting Limit Date: 11-18-09 Page 16 of 35

- Value exceeds Maximum Contaminant Value
- Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Client Sample ID: W-A

Lab Order:

U0910503

Collection Date: 10/22/2009 4:09:00 PM

Date: 18-Nov-09

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-006

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260	1		8021_W		Analyst: CMM
Chlorobenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Chloroethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Chloroform	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Chloromethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Ethylbenzene	ND	1.0	µg/L	1	11/2/2009 8:40:00 PM
Hexachlorobutadiene	ND	1.0	µg/L	1	11/2/2009 8:40:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
n-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
n-Propylbenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Naphthalene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
o-Xylene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Styrene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
tert-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Tetrachloroethene	ND	1.0	µg/L	1	11/2/2009 8:40:00 PM
Toluene	ND	1.0	µg/L	1	11/2/2009 8:40:00 PM
trans-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Trichloroethene	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Trichlorofluoromethane	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
Vinyl chloride	ND	1.0	μg/L	1	11/2/2009 8:40:00 PM
ICP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	7.2	0.030	mg/L	1	11/4/2009 1:16:43 PM
Manganese	0.044	0.020	mg/L	1	11/4/2009 1:16:43 PM
ICP METALS, DISSOLVED			200.7WD	(E200.7)	Analyst: ALW
Iron .	ND	0.030	mg/L	1	11/5/2009 4:12:43 PM
Manganese	ND	0.020	mg/L	1	11/5/2009 4:12:43 PM
ALKALINITY ON AQUEOUS SAMPLES			310.2W		Analyst: VAW
Alkalinity, Total (As CaCO3)	220	10	mg/LCaC	03 1	10/23/2009
CHLORIDE WATERS BY LACHAT			325.2_W		Analyst: VAW

Qualifiers:

Approved By:

PM H

Low Level

Analyte detected in the associated Method Blank В

Η Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Date: 11-18-09 Page 17 of 35

Value exceeds Maximum Contaminant Value

Ε Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits S

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Lancaster LF Quarterly

Project: Lab ID:

U0910503-006

Date: 18-Nov-09

Client Sample ID: W-A

Collection Date: 10/22/2009 4:09:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CHLORIDE WATERS BY LACHAT			325.	2_W		Analyst: VAW
Chloride	1890	10.0		mg/L	10	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.	1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	NO	0.500		mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)	/		353.2_	WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	ND	0.200		mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)			41	5.1		Analyst: VAW
Organic Carbon, Total	ND	3.0		mg/L	1	10/27/2009

Approved I	Ву:	PmH	Date:	11-18-09	Page 18 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contamina	nt Value
	В	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation I	imits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted reco	overy limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Client Sample ID: W-B

Lab Order:

U0910503

Collection Date: 10/22/2009 4:19:00 PM

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-007

Matrix: GROUNDWATER

Date: 18-Nov-09

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS		,	FIELD		Analyst:
Conductivity	782	1.0	umhos/cm		10/22/2009 4:19:00 PM
Eh	184	-300	mV		10/22/2009 4:19:00 PM
рН	7.27	6.5-8.5	SU		10/22/2009 4:19:00 PM
SWL	15.90		ft		10/22/2009 4:19:00 PM
Temperature	12.7		degC		10/22/2009 4:19:00 PM
Turbidity	23.4	5.0	NTU		10/22/2009 4:19:00 PM
EPA 8021 LIST BY EPA METHOD 82	260		8021_W		Analyst: CMN
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,1,2,2-Tetrachloroethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1.2.4-Trichlorobenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
4-Chlorotoluene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Benzene	ND	0.50	μg/L	1	11/2/2009 9:23:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Bromoform	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Bromomethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM

Approved By:

PMH

Date: 11-18-09

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Qualifiers:

- Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Lab Order: Glynn Geotechnical Engineering

* **

U0910503

Client Sample ID: W-B

Collection Date: 10/22/2009 4:19:00 PM

Date: 18-Nov-09

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-007

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8	260		8021_W		Analyst: CMM
Chlorobenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Chloroethane	/ ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Chloroform	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Chloromethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Ethylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Hexachlorobutadiene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
n-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
n-Propylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Naphthalene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
o-Xylene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Styrene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
tert-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Tetrachloroethene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Toluene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
trans-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Trichloroethene	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Trichlorofluoromethane	ND	1.0	μg/L	1	11/2/2009 9:23:00 PM
Vinyl chloride	ND	1.0	µg/L	1	11/2/2009 9:23:00 PM
CP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	0.10	0.030	mg/L	1	11/4/2009 1:25:20 PM
Manganese	111	0.020	mg/L	1	11/4/2009 1:25:20 PM
CP METALS, DISSOLVED			200.7WD	(E200.7)	Analyst: ALW
Iron	ND	0.030	mg/L	1	11/5/2009 4:17:15 PM
Manganese	ND	0.020	mg/L	1	11/5/2009 4:17:15 PM
ALKALINITY ON AQUEOUS SAMPI			310.2W		Analyst: VAV
Alkalinity, Total (As CaCO3)	360	10	mg/LCaC	O3 1	10/23/2009
CHLORIDE WATERS BY LACHAT			325.2_W		Analyst: VAW
	A		Dotas		Page 20 of

Approved By:

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PMH

Date: 11-18-09

Page 20 of 35

- Qualifiers: * Low Level
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Lancaster LF Quarterly

Project: Lab ID:

U0910503-007

Date: 18-Nov-09

Client Sample ID: W-B

Collection Date: 10/22/2009 4:19:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit Ç	Qual Units	DF	Date Analyzed
CHLORIDE WATERS BY LACHAT	/		325.2 W		Analyst: VAW
Chloride	544	10.0	mg/L	10	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	ND	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)		3	53.2 WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	0.260	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)			415.1		Analyst: VAW
Organic Carbon, Total	3.2	3.0	mg/L	1	10/27/2009

Approved B	y:	PINH	Date:	11-18-09	Page 21 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contamina	ant Value
	В	Analyte detected in the associated Method Blank	E	Value above quantitation range	

Holding times for preparation or analysis exceeded H

ND Not Detected at the Reporting Limit

Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Client Sample ID: W-D

Lab Order:

U0910503

Collection Date: 10/22/2009 4:35:00 PM

Date: 18-Nov-09

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-008

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:
Conductivity	1320	1.0	umhos/cm		10/22/2009 4:35:00 PM
Eh	151	-300	mV		10/22/2009 4:35:00 PM
pН	7.86	6.5-8.5	SU		10/22/2009 4:35:00 PM
SWL	20.51		ft		10/22/2009 4:35:00 PM
Temperature	12.5		degC		10/22/2009 4:35:00 PM
Turbidity	12.8	5.0	NTU		10/22/2009 4:35:00 PM
EPA 8021 LIST BY EPA METHOD 8	260		8021_W		Analyst: CMN
1,1,1,2-Tetrachloroethane	ND	1.0	<u> </u>	1	11/2/2009 10:06:00 PM
1,1,1-Trichloroethane	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
2,2-Dichloropropane	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
4-Chiorotoluene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Benzene	ND	0.50	μg/L	1	11/2/2009 10:06:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Bromoform	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Bromomethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM

Approved By:

PMH

Date: 11-18-09

Page 22 of 35

Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

U0910503

Lab Order: Project:

Lancaster LF Quarterly

Lab ID:

U0910503-008

Date: 18-Nov-09

Client Sample ID: W-D

Collection Date: 10/22/2009 4:35:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 826	50		8021_W		Analyst: CMN
Chlorobenzene	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
Chloroethane	/ ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Chloroform	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Chloromethane	ND ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Ethylbenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Hexachlorobutadiene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
n-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
n-Propylbenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Naphthalene	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
o-Xylene	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Styrene	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
tert-Butylbenzene	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
Tetrachloroethene	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
Toluene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
trans-1,2-Dichloroethene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/2/2009 10:06:00 PM
Trichloroethene	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
Trichlorofluoromethane	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
Vinyl chloride	ND	1.0	µg/L	1	11/2/2009 10:06:00 PM
CP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	0.12	0.030	mg/L	1	11/4/2009 1:34:03 PM
Manganese	ND	0.020	mg/L	1	11/4/2009 1:34:03 PM
CP METALS, DISSOLVED			200.7 W D	(E200.7)	Analyst: ALW
Iron	ND	0.030	mg/L	1	11/5/2009 4:21:46 PM
Manganese	ND	0.020	mg/L	1	11/5/2009 4:21:46 PM
ALKALINITY ON AQUEOUS SAMPLE Alkalinity, Total (As CaCO3)	S BY LACHAT	10	310.2W mg/LCaC	O3 1	Analyst: VAV 10/23/2009
CHLORIDE WATERS BY LACHAT			325.2_W		Analyst: VAV

Approved By:

Qualifiers:

Pm H

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit

Low Level

Date: 11-18-09 Page 23 of 35

- Value exceeds Maximum Contaminant Value
- Е Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-008

Date: 18-Nov-09

Client Sample ID: W-D

Collection Date: 10/22/2009 4:35:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
CHLORIDE WATERS BY LACHAT			325.2 W		Analyst: VAW
Chloride	526	10.0	mg/L	10	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	ND	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)	6	;	353.2 WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	0.474	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)			415.1		Analyst: VAW
Organic Carbon, Total	5.4	3.0	mg/L	1	10/28/2009

Approved By:		Pm H	Date:	11-18-09	Page 24 of 35
Qualifiers:	*	Low Level	** Value exceeds Maximum Contaminant Value		ninant Value
	В	Analyte detected in the associated Method Blank	E	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits		recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order: U0910503

Project: Lancaster LF Quarterly

Lab ID: U0910503-009

Date: 18-Nov-09

Client Sample ID: W-E

Collection Date: 10/22/2009 4:52:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS	2		FIELD		Analyst:
Conductivity	1642	1.0	umhos/cm		10/22/2009 4:52:00 PM
Eh	149	-300	mV		10/22/2009 4:52:00 PM
pН	7.84	6.5-8.5	SU		10/22/2009 4:52:00 PM
SWL	24.22		ft		10/22/2009 4:52:00 PM
Temperature	11.7		degC		10/22/2009 4:52:00 PM
Turbidity	435	5.0	NTU		10/22/2009 4:52:00 PM
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,1,2,2-Tetrachioroethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	. 11/3/2009 6:02:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
4-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Benzene	ND	0.50	μg/L	1	11/3/2009 6:02:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Bromoform	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Bromomethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM

Approved By:

PMH

Date:

11-18-09

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Qualifiers: * Low Level

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

U0910503 Lab Order:

Project: Lancaster LF Quarterly

Lab ID: U0910503-009 Date: 18-Nov-09

Client Sample ID: W-E

Collection Date: 10/22/2009 4:52:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 82	260		8021_W		Analyst: CMN
Chlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Chloroethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Chloroform	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Chloromethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Ethylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Hexachlorobutadiene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
n-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
n-Propylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Naphthalene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
o-Xylene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Styrene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
tert-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Tetrachloroethene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Toluene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
trans-1,2-Dichloroethene	ND	1.0	µg/L	1	11/3/2009 6:02:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Trichloroethene	ND	1.0	µg/L	1	11/3/2009 6:02:00 PM
Trichlorofluoromethane	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
Vinyl chloride	ND	1.0	μg/L	1	11/3/2009 6:02:00 PM
CP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	0.76	0.030	mg/L	1	11/4/2009 1:42:44 PM
Lead*	ND	0.003	mg/L	1	11/4/2009 1:42:44 PM
Manganese	0.31	0.020	mg/L	1	11/4/2009 1:42:44 PM
CP METALS, DISSOLVED			200.7WD	(E200.7)	Analyst: ALW
Iron	ND	0.030	mg/L	1	11/5/2009 4:26:17 PM
Lead*	ND	0.003	mg/L	1	11/5/2009 4:26:17 PM
Manganese	NĐ	0.020	mg/L	1	11/5/2009 4:26:17 PM
ALKALINITY ON AQUEOUS SAMPLI	ES BY LACHAT		310.2W		Analyst: VAW

Approved By:

Qualifiers:

PMH

- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 11-18-09 Page 26 of 35

- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-009

Date: 18-Nov-09

Client Sample ID: W-E

Collection Date: 10/22/2009 4:52:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
ALKALINITY ON AQUEOUS SAMPLES	BY LACHAT		310.2W		Analyst: VAW
Alkalinity, Total (As CaCO3)	200	10	mg/LCaCO3	1	10/23/2009
CHLORIDE WATERS BY LACHAT			325.2_W		Analyst: VAW
Chloride	10.4	1.00	mg/L	1	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	ND	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)		;	353.2_WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	0.241	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)	/		415.1		Analyst: VAW
Organic Carbon, Total	ND	3.0	mg/L	1	10/28/2009

Approved B	y: _	Pm H	Date:	11-18-09	Page 27 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Conta	minant Value
	р	Analyta datastad in the associated Mathed Dlank	E	Value above avantitation range	

Analyte detected in the associated Method Blank Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Project: Lab ID: Lancaster LF Quarterly

U0910503-010

Date: 18-Nov-09

Client Sample ID: W-H

Collection Date: 10/22/2009 5:05:00 PM

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
FIELD PARAMETERS		·	FIELD		Analyst:
Conductivity	1432	1.0	umhos/cm		10/22/2009 5:05:00 PM
Eh	114	-300	mV		10/22/2009 5:05:00 PM
pH	8.61	6.5-8.5	SU		10/22/2009 5:05:00 PM
SWL	50.78		ft		10/22/2009 5:05:00 PM
Temperature	11.3		degC		10/22/2009 5:05:00 PM
Turbidity	6.02	5.0	NTU		10/22/2009 5:05:00 PM
EPA 8021 LIST BY EPA METHOD 8260	/		8021_W		Analyst: CMM
1,1,1,2-Tetrachloroethane	ND	1.0	_ μg/L	1	11/3/2009 6:44:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,1,2,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
2-Chiorotoluene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
4-Chlorotoiuene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Benzene	ND	0.50	μg/L	1	11/3/2009 6:44:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Bromoform	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Bromomethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM

Approved By:

Qualifiers: Low Level

> В Analyte detected in the associated Method Blank

Η Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Date: 11-18-09 Page 28 of 35

Value exceeds Maximum Contaminant Value

E Value above quantitation range

Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Client Sample ID: W-H

Lab Order:

U0910503

Collection Date: 10/22/2009 5:05:00 PM

Project:

Lancaster LF Quarterly

Lab ID:

Qualifiers:

Low Level

Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

Holding times for preparation or analysis exceeded

В

H

U0910503-010

Matrix: GROUNDWATER

Value exceeds Maximum Contaminant Value

Spike Recovery outside accepted recovery limits

Analyte detected below quantitation limits

Value above quantitation range

Е

Date: 18-Nov-09

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
Chlorobenzene	ND	1.0	µg/L	1	11/3/2009 6:44:00 PM
Chloroethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Chloroform	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Chloromethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Dichlorodifluoromethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Ethylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Hexachlorobutadiene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Isopropylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
m,p-Xylene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Methylene chloride	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
n-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
n-Propylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Naphthalene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
o-Xylene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
sec-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Styrene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
tert-Butylbenzene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Tetrachloroethene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Toluene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
trans-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Trichloroethene	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Trichlorofluoromethane	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
Vinyl chloride	ND	1.0	μg/L	1	11/3/2009 6:44:00 PM
ICP METALS, TOTALS			200.7WT	(E200.7)	Analyst: ALW
Iron	0:12	0.030	mg/L	1	11/4/2009 2:04:49 PM
Manganese	ND	0.020	mg/L	1	11/4/2009 2:04:49 PM
ICP METALS, DISSOLVED			200.7WD	(E200.7)	Analyst: ALW
iron	ND	0.030	mg/L	1	11/5/2009 4:30:49 PM
Manganese	ND	0.020	mg/L	1	11/5/2009 4:30:49 PM
ALKALINITY ON AQUEOUS SAMPLES		10	310.2W	4	Analyst: VAW
Alkalinity, Total (As CaCO3)	24	10	mg/LCaCO3	1	10/23/2009
CHLORIDE WATERS BY LACHAT			325.2_W		Analyst: VAW
Approved By:			Date:	11-18-09	Page 29 of 3

Analytical Report

CLIENT: Glynr

Glynn Geotechnical Engineering

Lab Order:

U0910503

Lancaster LF Quarterly

ND Not Detected at the Reporting Limit

Project: Lab ID:

U0910503-010

Date: 18-Nov-09

Client Sample ID: W-H

Collection Date: 10/22/2009 5:05:00 PM

S Spike Recovery outside accepted recovery limits

Matrix: GROUNDWATER

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
CHLORIDE WATERS BY LACHAT	/		325.2 W		Analyst: VAW
Chloride	18.9	1.00	mg/L	1	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY LA	CHAT)		350.1_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	ND	0.500	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)	_	35	3.2_WNO3		Analyst: VAW
Nitrogen, Nitrate (as N)	0.477	0.200	mg/L	1	10/24/2009 8:40:00 AM
TOTAL ORGANIC CARBON (TOC)	-		415.1		Analyst: VAW
Organic Carbon, Total	ND	3.0	mg/L	1	10/28/2009

Approved By:		PM H	Date:	11-1809	Page 30 of 35
Qualifiers:	*	Low Level	**	Value exceeds Maximum Contar	ninant Value
	В	Analyte detected in the associated Method Blank	Е	Value above quantitation range	
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitat	ion limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-011

Date: 18-Nov-09

Client Sample ID: Blind Dupe

Collection Date: 10/22/2009

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed				
EPA 8021 LIST BY EPA METHOD 8260		1		Analyst: CMM					
1,1,1,2-Tetrachloroethane	ND ,	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,1,1-Trichloroethane	ND 🔽	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,1,2,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,1-Dichloroethane	ND	1.0	µg/L	1	11/3/2009 7:26:00 PM				
1,1-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,1-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2-Dibromoethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,3-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
2,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
2-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
4-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
4-Isopropyltoluene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Benzene	ND	0.50	μg/L	1	11/3/2009 7:26:00 PM				
Bromobenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Bromochloromethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Bromodichloromethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Bromoform	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Bromomethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Carbon tetrachloride	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Chlorobenzene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Chloroethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Chloroform	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Chloromethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Dibromochloromethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				
Dibromomethane	ND	1.0	μg/L	1	11/3/2009 7:26:00 PM				

W-A

Approved By:
Qualifiers: *

Low Level
 Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

PMH

ND Not Detected at the Reporting Limit

Date: 11-19-09

Page 31 of 35

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-011

Date: 18-Nov-09

Client Sample ID: Blind Dupe

Collection Date: 10/22/2009

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 820	60	/	8021	ı_w		Analyst: CMM
Dichlorodifluoromethane	ND	1.0		ug/L	1	11/3/2009 7:26:00 PM
Ethylbenzene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Isopropylbenzene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
m,p-Xylene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Methylene chloride	4.7	1.0		µg/L	1	11/3/2009 7:26:00 PM
n-Butylbenzene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
n-Propylbenzene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Naphthalene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
o-Xylene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
sec-Butylbenzene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Styrene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
tert-Butylbenzene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Tetrachioroethene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Toluene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
trans-1,2-Dichloroethene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Trichloroethene	ND	1.0		µg/L	1	11/3/2009 7:26:00 PM
Trichlorofluoromethane	ND	1.0		ug/L	1	11/3/2009 7:26:00 PM
Vinyl chloride	ND	1.0		ug/L	1	11/3/2009 7:26:00 PM
NOTES: B- Methylene chloride present in the meth	nod blank. Recover	y assumed			on.	
CP METALS, TOTALS		-	200.7	wT	(E200.7)	Analyst: ALW
Iron	7.2	0.030		mg/L	1	11/4/2009 2:09:34 PM
Manganese	0.043	0.020		mg/L	1	11/4/2009 2:09:34 PM
CP METALS, DISSOLVED			200.7	W D	(E200.7)	Analyst: ALW
Iron	0.040	0.030	i	mg/L	1	11/5/2009 4:35:19 PM
Manganese	IND	0.020	1	mg/L	1	11/5/2009 4:35:19 PM
ALKALINITY ON AQUEOUS SAMPLE	S BY LACHAT		310.	2\\/		Analyst: VAW
Alkalinity, Total (As CaCO3)	,210	10		mg/LCaC	03 1	10/23/2009
CHLORIDE WATERS BY LACHAT			325.2	2_W		Analyst: VAW
Chloride	1870	10.0	i	mg/L	10	10/23/2009
NITROGEN, AMMONIA (AS NH3 BY L			350.1	I_W		Analyst: BY
Nitrogen, Ammonia (As NH3)	IND	0.500	1	mg/L	1	10/24/2009
NITROGEN, NITRATE (AS N)			353.2_\			Analyst: VAW
Nitrogen, Nitrate (as N)	NE	0.200	ı	mg/L	1	10/24/2009 8:40:00 AM
	4					

Qualifiers:

- Low Level
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- ND Not Detected at the Reporting Limit

- 11-18-09
- Page 32 of 35
- Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Lab Order:

U0910503

Lancaster LF Quarterly

Project: Lab ID:

U0910503-011

Date: 18-Nov-09

Client Sample ID: Blind Dupe

Collection Date: 10/22/2009

Matrix: GROUNDWATER

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
TOTAL ORGANIC CARBON (TOC) Organic Carbon, Total	ND	3.0	415.1 mg/L	1	Analyst: VAW 10/28/2009

Approved By: Date: PMH 11-1809

Qualifiers: Low Level

> В Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded Η

Not Detected at the Reporting Limit ND

Value exceeds Maximum Contaminant Value

Page 33 of 35

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT: Glynn Geotechnical Engineering

Lab Order:

U0910503

Lancaster LF Quarterly

Project: Lab ID:

U0910503-012

Date: 18-Nov-09

Client Sample ID: ULI Trip Blank

Collection Date: 10/22/2009

Matrix: WATER

Analyses	Result	Limit	Qual Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260			8021_W		Analyst: CMM
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,1,1-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,1,2,2-Tetrachloroethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,1,2-Trichloroethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,1-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,1-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,1-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2,3-Trichloropropane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2,4-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2-Dibromo-3-chloropropane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2-Dibromoethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2-Dichloroethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,3,5-Trimethylbenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,3-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,3-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
1,4-Dichlorobenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
2,2-Dichloropropane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
2-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
4-Chlorotoluene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
4-Isopropyltoluene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Benzene	ND	0.50	μg/L	1	11/3/2009 8:10:00 PM
Bromobenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Bromochloromethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Bromodichloromethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Bromoform	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Bromomethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Carbon tetrachloride	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Chlorobenzene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Chloroethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Chloroform	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Chloromethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
cis-1,2-Dichloroethene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Dibromochloromethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM
Dibromomethane	ND	1.0	μg/L	1	11/3/2009 8:10:00 PM

Approved By: Qualifiers:

PM H

Low Level

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Date: 11-18-09 Page 34 of 35

- Value exceeds Maximum Contaminant Value
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- Spike Recovery outside accepted recovery limits

Analytical Report

CLIENT:

Glynn Geotechnical Engineering

Client Sample ID: ULI Trip Blank

Lab Order:

U0910503

Collection Date: 10/22/2009

Project:

Lancaster LF Quarterly

Lab ID:

U0910503-012

Matrix: WATER

Date: 18-Nov-09

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA 8021 LIST BY EPA METHOD 8260			802			Analyst: CMM
Dichlorodifluoromethane	ND	1.0		_ μg/L	1	11/3/2009 8:10:00 PM
Ethylbenzene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Hexachlorobutadiene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Isopropylbenzene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
m,p-Xylene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Methylene chloride	1.2	1.0	В	μg/L	1	11/3/2009 8:10:00 PM
n-Butylbenzene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
n-Propylbenzene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Naphthalene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
o-Xylene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
sec-Butylbenzene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Styrene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
tert-Butylbenzene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Tetrachloroethene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Toluene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
trans-1,2-Dichloroethene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
trans-1,3-Dichloropropene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Trichloroethene	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Trichlorofluoromethane	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM
Vinyl chloride	ND	1.0		μg/L	1	11/3/2009 8:10:00 PM

NOTES:

Approved By:		PMH	Date:	11-18-09	Page 35 of 35
Qualifiers: *	*	Low Level	**	Value exceeds Maximum Conta	aminant Value
p	2	Analyte detected in the associated Method Blank	F	Value above quantitation range	

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

B- Methylene chloride present in the method blank. Recovery assumed to be contamination.

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy roject: ULLID No. (enter by lab) W-2 Well ID .: Yes Condition of Well: GOOD Locked: 2402 Method of Evacuation: DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER Diameter of Well 4" Α. inches TOP В. Well Depth Measured 32.02 feet 13.53 C. Depth to Water feet 18.49 Length of Water Column (calculated) D. feet WATER В Conversion Factor X.65 LEVEL E Well Volume (calculated) 120185 gallons No. of Volumes to be Evacuated X 3 Total Volume to be Evacuated 36.0555 gallons 34.5 Actual Volume Evacuated gallons SILT E. Installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Measurements Evacuation Sampling Initial Depth to Water 13.53 feet 10/22/09 10/12/04 Date feet Time 10:44 am Recharge Depth to Water Z13 LOU EH 13.5% Temperature 14.00 2nd water column height [.81 698 рН 1st water column height 250 Specific Cond. 248 Turbidity 3 59 18.1 feet Elevation(Top of Casing) Dissolved Oxygen N/A N/A G.W. Elevation= feet

51. Clave.

G.W.Elevation =Top of Case Elev-Total Depth

Sampler:

Signature:

Appearance

bservations:

Weather:

cleal

62° cartly cloudy

MSD

Upstate Laboratories, Inc. Ground water Field Log Revised: 3/27/02 File: TS-30-01 Glynn Geotechnical Eng. Client: LFG Energy roject: ULLID No. (enter by lab) W-3 Well ID .: 205 Condition of Well: GOOD Locked: 2402 Method of Evacuation: DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER Α. Diameter of Well inches TOP В. Well Depth Measured 27.93 feet 22.30 C. Depth to Water feet 5.63 Length of Water Column (calculated) feet D. В WATER Conversion Factor X.16 LEVEL Ε , 900x Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 2.7024 Total Volume to be Evacuated gallons 3 Actual Volume Evacuated gallons SILT E. Installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Measurements Evacuation Sampling Initial Depth to Water 7230 Date Time 1.52 am 3.30 am Recharge Depth to Water 22.35 feet 170 EΗ 2nd water column height 9900 % 12.9 13.40 Temperature 6.65 6.70 1st water column height pH 1192 Specific Cond. 1005 feet Turbidity 27.5 Elevation(Top of Casing) feet G.W. Elevation= Dissolved Oxygen N/A Cloudy/light Riows G.W.Elevation =Top of Case Elev-Total Depth **Appearance** 51. Cloud Sampler: Weather: 64° partly clov bservations: Signature

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy ULLLID No. (enter by lab) roject: Well ID .: W-5A Condition of Well: GOOD Locked: Method of Evacuation: DEDICATED BAILER Lock ID: 2402 Method of Sampling: DEDICATED BAILER Diameter of Well inches A. TOP 33.4 B. Well Depth Measured feet 20.11 C. Depth to Water feet Length of Water Column (calculated) 13.27 D. feet WATER Conversion Factor X.16 E LEVEL 2.1264 Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 6.3792 Total Volume to be Evacuated gallons 6.5 Actual Volume Evacuated gallons SILT E. Installed Well Depth (if known) feet N/A F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Measurements Evacuation Sampling Initial Depth to Water Zo. \\ feet Date 10122 0 Time 11:20am 26.13 feet Recharge Depth to Water EH 12.6°c Temperature 2nd water column height 99.90 % pH 1st water column height 1140 Specific Cond. Turbidity Elevation(Top of Casing) feet Dissolved Oxygen G.W. Elevation= feet Light Brown len Claudy light Brown G.W.Elevation =Top of Case Elev-Total Depth Appearance Weather: Sampler: 63° posty cloudy bservations: Signature:

Upstate Laboratories, Inc. Ground water Field Log Revised: 3/27/02 File: TS-30-01 Glynn Geotechnical Eng. Client: LFG Energy ULLID No. (enter by lab) roject: W-6 Well ID .: Yes_ Condition of Well: GOOD Locked: 2402 Method of Evacuation: DEDICATED BAILER Lock ID: DEDICATED BAILER Method of Sampling: Diameter of Well inches A. TOP B. Well Depth Measured 48.9 feet 32.93 C. feet Depth to Water 15.97 D. Length of Water Column (calculated) feet WATER Conversion Factor X.16 Ε LEVEL 2.5552 Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 7.6656 Total Volume to be Evacuated gallons 8 Actual Volume Evacuated gallons SILT E. Installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Evacuation Sampling Measurements Initial Depth to Water 32.93 feet 10/22/09 10/22/09 Date 3:08pm 33.11 Recharge Depth to Water feet Time 11:36 am EH 202 10.7'1 2nd water column height 99.45 11.5 " Temperature 6.83 Hq 6.94% 1st water column height 339 363 Specific Cond. 19.4 feet Turbidity 4.74 Elevation(Top of Casing) feet Dissolved Oxygen G.W. Elevation= N/A N/A Appearance (1221 51. Cloud-1 G.W. Elevation = Top of Case Elev-Total Depth Weather: 63 north clared Sampler: bservations: Signature:

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy roject: ULLIID No. (enter by lab) W-8 Well ID .: Yes Condition of Well: GOOD Locked: 2402 Method of Evacuation: DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER Α. Diameter of Well inches TOP В. Well Depth Measured 37.26 feet 20.88 C. Depth to Water feet 16.38 D. Length of Water Column (calculated) feet WATER Conversion Factor X.16 Е LEVEL 2.6208 gallons Well Volume (calculated) No. of Volumes to be Evacuated X 3 7.86 Total Volume to be Evacuated gallons Actual Volume Evacuated gallons SILT E. installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Evacuation Measurements Sampling Initial Depth to Water 20.88 10/22/09 Date 12:29 pm Time Recharge Depth to Water 21.02 feet 155 EH 14.7% 2nd water column height 99.33 % Temperature pH 7.42 1st water column height Specific Cond. 462 Turbidity feet Elevation(Top of Casing) 15.1 Dissolved Oxygen N/A feet N/A G.W. Elevation= Appearance clear St. Clarky G.W.Elevation =Top of Case Elev-Total Depth Weather: Sampler: bservations: Signature:

MAN SAM Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209 Mailing: Box 169 * Syracuse, NY 13206

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> **RECEIVED** NYSDEC - REGION 9

FEB **0 5** 2010

Ms. Mary E. McIntosh NYSDEC - Region 9 270 Michigan Ave. Buffalo, NY 14203

February 3, 2010

RE: Analytical Report:

Lancaster LF Quarterly (W-A Field Data Sheet)

Order No.: U0910503

Dear Ms. McIntosh:

Per your request, please find enclosed the W-A Field Data Sheet for the above named project.

Should you have any additional questions, please do not hesitate to give me a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala President/CEO

Confidentiality Statement: This report is meant for the use of the intended recipient. It may contain confidential information, which is legally privileged or otherwise protected by law. If you have received this report in error, you are strictly prohibited from reviewing, using, disseminating, distributing or copying the information.

NY Lab ID 10170 NJ Lab ID NY750 PA Lab ID 68-01096

Upstate Lab Client: Project: Well ID.:	Glynn G	nc. Ground eotechnical FG Energy W-A		g File: TS-30- ULLID No (ent)		3/27/02
Condition of We	ell:	GOOD		Locked:		
Method of Evac	uation:D	EDICATED BAI	LER	Lock ID:		
Method of Samp	oling: D	EDICATED BAI	LER			
—————————————————————————————————————	TOP WATER LEVEL	A. B. C. D.	Diameter of Well Well Depth Meas Depth to Water Length of Water Conversion Factor Well Volume (cal No. of Volumes to Total Volume to I Actual Volume En Installed Well De	Column (calculated) or culated) o be Evacuated be Evacuated vacuated vacuated	2" 26.21 12.17 14.04 X.16 2.2464 X3 6.7392 17 N/A N/a	inches feet feet feet gallons gallons gallons feet feet
Field Measurements Date Time EH Temperature pH Specific Cond. Turbidity Dissolved Oxygen Appearance Weather: Observations:	Initial Evacuation IN 22 04 12:51 pm 173 13.0° 7.48 625 7.05 N/A Clear Blind Day		inal ampling 10 22 09 4!09pm 201 12.5° c 6.96 1214 414 N/A Charry Brown	Recharge Do 2nd water 1st water Elevation(To	epth to Water 17 epth to Water 17 column height column height p of Casing) vation= on =Top of Case Elev-	

Upstate Laboratories, Inc. Ground water Field Log Revised: 3/27/02 File: TS-30-01 Glynn Geotechnical Eng. Client: LFG Energy ULI ID No. (enter by lab) roject: W-A Well ID .: Condition of Well: GOOD Locked: Method of Evacuation: DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER inches Diameter of Well A. TOP feet B. Well Depth Measured 26.21 12.17 C. Depth to Water feet 14.04 D. Length of Water Column (calculated) feet X.16 WATER Conversion Factor E LEVEL 2.2464 Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 6.7392 Total Volume to be Evacuated gallons gallons Actual Volume Evacuated SILT E. Installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Final % Recharge: Field Initial Evacuation Sampling Measurements 12.17 Initial Depth to Water Date feet Recharge Depth to Water 12-19 Time EH 2nd water column height 99.83 % Temperature pH 1st water column height 214 Specific Cond. feet Turbidity 05 Elevation(Top of Casing) feet G.W. Elevation= Dissolved Oxygen N/A **Appearance** leis Brown G.W. Elevation =Top of Case Elev-Total Depth Sampler: Weather: 43° clardy bservations: Signature:

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy roject: ULLID No. (enter by lab) Well ID .: W-B Condition of Well: GOOD Locked: 4207 Method of Evacuation: DEDICATED BAILER Lock ID: Method of Sampling: **DEDICATED BAILER** A. Diameter of Well inches TOP B. Well Depth Measured 32.05 feet 15.90 C. Depth to Water feet D. Length of Water Column (calculated) feet WATER Conversion Factor X.16 Ε LEVEL 2.4225 Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 7.96.75 Total Volume to be Evacuated gallons Actual Volume Evacuated gallons SILT E. Installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Measurements Evacuation Sampling Initial Depth to Water 5.90 feet Date Time Recharge Depth to Water 15.98 feet EH 2nd water column height 99.49 20€ Temperature pH 1st water column height Specific Cond. Turbidity feet Elevation(Top of Casing) Dissolved Oxygen N/A feet G.W. Elevation= **Appearance** G.W.Elevation =Top of Case Elev-Total Depth Weather: Sampler: bservations: Signature:

Upstate Labor Client: Glynt Project: Well ID.:	ratories Groun n Geotechnica LFG Energy W-C		N Di at at	S-30-01 Revised (enter by lab)	: 3/27/02
Condition of Well:	GOOD	L	ocked: _	Yes	
Method of Evacuation	DEDICATED BAI	<u>LER</u> L	ock ID:	4202	
Method of Sampling	DEDICATED BAI	LER_			
TOP C WATER LEVEL D SILT	B. V C. D D. L V N T A	Diameter of Well Vell Depth Meas Depth to Water Length of Water Conversion Factor Vell Volume (cand) Total Volume to leactual Volume Enstalled Well Decepth of Silt (calcoll)	Column (calcor or Iculated) o be Evacuated be Evacuated vacuated	X.16 0.06り ed X3 0.206 .5	inches feet feet feet gallons gallons gallons feet feet feet
Appearance Cl	C	mpling 10/22/cj 1:25 cm N/4 N/4 N/A N/A N/A	Rech 2nd 1st v Eleva G.W.	echarge: arge Depth to Water water column height water column height tion(Top of Casing) Elevation= Elevation = Top of Case E	40.76 41.09 feet 99.19 % feet feet feet
Weather: (,5°) Observations: In	loody By		Taken.	ature: Justin (31)	050n

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Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy roject: ULLID No. (enter by lab) Well ID .: W-D No Condition of Well: GOOD Locked: Method of Evacuation: DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER Diameter of Well 2" inches A. TOP feet В. Well Depth Measured 34.18 C. Depth to Water 20.51 feet D. Length of Water Column (calculated) 13.67 feet WATER **Conversion Factor** X.16 E LEVEL 2.1872 Well Volume (calculated) gallons X 3 No. of Volumes to be Evacuated 6.5616 Total Volume to be Evacuated gallons Actual Volume Evacuated gallons SILT E. Installed Well Depth (if known) N/A feet feet F. Depth of Silt (calculated N/a Final Field % Recharge: Initial Measurements Evacuation Sampling Initial Depth to Water 20.51 Date 20,67 feet : 22 fm Recharge Depth to Water Time 131 EH 2nd water column height 99.27 % 13.10 Temperature 8.29 1st water column height pH 7.86 1091 1320 Specific Cond. feet 2.30 128 Elevation(Top of Casing) Turbidity G.W. Elevation= feet Dissolved Oxygen N/A N/A clear G.W.Elevation =Top of Case Elev-Total Depth Appearance 51. Claudy 63 cloudy Sampler: Weather: bservations: Signature:

lock rusted shut - had to cut the

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy ULI ID No. (enter by lab) roject: Well ID .: W-E Condition of Well: Locked: 2402 Method of Evacuation: DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER Α. Diameter of Well inches TOP B. Well Depth Measured 30.1 feet C. Depth to Water 24.22 feet D. Length of Water Column (calculated) 5.83 feet WATER Conversion Factor X.16 Ε LEVEL .9408 Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 Total Volume to be Evacuated 2.8224 gallons 3 Actual Volume Evacuated gallons SILT E. N/A feet Installed Well Depth (if known) F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Measurements Evacuation Sampling Initial Depth to Water 24.22 feet Date Time Recharge Depth to Water 24.30 feet ĒΗ 11.70 2nd water column height 99.67 % Temperature 7.84 Hq 1st water column height Specific Cond. 1793 1642 Turbidity Elevation(Top of Casing) feet 10.2 435 N/A Dissolved Oxygen N/A G.W. Elevation= feet Appearance Clear ucladi Brun G.W.Elevation =Top of Case Elev-Total Depth Weather: 63° dovd1 Sampler: bservations: Signature:

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy roject: ULLID No. (enter by lab) W-F Well ID .: Condition of Well: Yes GOOD Locked: Method of Evacuation: 2402 DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER A. Diameter of Well inches TOP B. Well Depth Measured 29.35 feet Well Day @ 29.35 C. Depth to Water D. Length of Water Column (calculated) feet WATER Conversion Factor X.16 LEVEL Е Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 Total Volume to be Evacuated gallons Actual Volume Evacuated gallons SILT Ε. Installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Measurements Evacuation Sampling Initial Depth to Water feet Date Time Recharge Depth to Water feet EH Temperature 2nd water column height % pН 1st water column height Specific Cond. Turbidity feet Elevation(Top of Casing) feet Dissolved Oxygen N/A G.W. Elevation= N/A Appearance N/4 G.W.Elevation =Top of Case Elev-Total Depth Sampler: Weather: 64° partly Cloudy bservations: Signature:

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 3/27/02 Glynn Geotechnical Eng. Client: LFG Energy roject: ULLID No. (enter by lab) W-H Well ID .: V 165 Condition of Well: GOOD Locked: Method of Evacuation: 2402 DEDICATED BAILER Lock ID: Method of Sampling: DEDICATED BAILER Α. Diameter of Well inches TOP Well Depth Measured B. 78.62 feet 50.78 C. Depth to Water feet D. Length of Water Column (calculated) 27.84 feet WATER Conversion Factor X.16 Ε LEVEL 4.4544 Well Volume (calculated) gallons No. of Volumes to be Evacuated X 3 13,3632 Total Volume to be Evacuated gallons 13.5 gallons Actual Volume Evacuated SILT E. Installed Well Depth (if known) N/A feet F. Depth of Silt (calculated N/a feet Field Initial Final % Recharge: Evacuation Measurements Sampling Initial Depth to Water 50.78 feet Date Time Recharge Depth to Water 51,53 feet EH 2nd water column height 98.54 % 17.0°C Temperature pH 1st water column height Specific Cond. 1437 Turbidity feet 6.0 L Elevation(Top of Casing) Dissolved Oxygen G.W. Elevation= feet Appearance cloudy/light from clear G.W. Elevation =Top of Case Elev-Total Depth Weather: GH' Clove Sampler: bservations: Signature:

Upstate Laboratories, Inc. 6034 Corporate Drive E. Syracuse New York 13057 Phone (315) 437 0255 Fav (315) 437

Chain of Custody Record

		10 D-MN,FE,PB	9 T-MN,FE,PB*	8 EPA 8021 FULL	7 D-MN,FE	6 T-MN,FE	5 NH3	4 TOC	3 NO3,CHLORIDE	2 ALKALINITY	1 SWL, TEMP, PH, I	Parameter and Method		TRIP BLANK	BLIND DUPE	W-H	W-F	W-E	W-D	W-C	W-B	W-A	W-8	W-6	W-5A	W-3	W-2	,	ED LOVER	Client Contact:	GLYNN GEOTECH ENG	Phone (315) 437 0255
Syracuse				LL VOL SCAN					Œ		SWL,TEMP,PH,EH,SPEC. COND, TURB	d Method		(ULI) "more														Salipie ID	5		TECH ENG	0255
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												Sample bottle:		8: 00 an	N/A	5:05 Pm	12:05 pm	4:520	4:3500	4:25pm	4:19pm	4:09,1	3:49pm	3:08 pm	2:52/2	3130pm	2:3900	=	LANCASTER, NY	Location (city/state) Address	LANCASTER LF QUARTERLY	Fax (315) 437 1209
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