

518-402-9662>>> "Maria Wright" <MWright@db-eng.com> 6/24/2011 9:23 AM >>>

Sal and Dave-

Please find attached the **revised** historical groundwater data tables for the Farrand Controls site. I again apologize for any inconvenience this may have caused.

Thanks, <<Analytical Results_All Wells 1999-2011 rev rp.pdf>>

Maria Wright, P.E.

db | Dvirka and Bartilucci Consulting Engineers

(516) 364-9890 x 3060 (phone)

(516) 364-9045 (fax)

330 Crossways Park Drive

Woodbury, NY 11797

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FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-1 11/2/1999 1	MW-1 1/28/2000 1	MW-1 12/14/2004 1	MW-1 4/22/2010 1	MW-1 5/16/2011 1
Units in ug/L							
	CRDL	NYSDEC Class GA Groundwater Standard Value					
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	2 J	U	U
1,1-Dichloroethane	10	5 ST	U	U	U	U	U
1,1-Dichloroethene	10	5 ST	U	U	U	U	U
cis-1,2-Dichloroethene	10	5 ST	1 J*	1 J	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	U	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U
Trichloroethene	10	5 ST	2 J	U	U	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	U	U
Total Targeted VOCs:			3	1	2	0	0

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

*: Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-2 12/14/2004 1	MW-2 9/10/2009 1
Units in ug/L				
	CRDL	NYSDEC Class GA Groundwater Standard Value		
1,1,2-Trichloroethane	10	1 ST	U	U
Vinyl Chloride	10	2 ST	U	U
1,1,1-Trichloroethane	10	5 ST	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U
1,1-Dichloroethane	10	5 ST	U	U
1,1-Dichloroethene	10	5 ST	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U
Dichlorodifluoromethane	10	5 ST	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U
Trichloroethene	10	5 ST	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	U
Total Targeted VOCs:			0	0

ug/l: Micrograms per liter

U: Not detected

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-3 4/9/1999 200	MW-3 11/2/1999 100	MW-3 1/28/2000 100	MW-3 4/15/2001 80
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	NA	NA	U
Vinyl Chloride	10	2 ST	U	U	280 J	U
1,1,1-Trichloroethane	10	5 ST	6700	13000	9800	11000
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	640	440 J	U	520 J
1,1-Dichloroethane	10	5 ST	U	110 J	U	U
1,1-Dichloroethene	10	5 ST	490	670 J	360 J	620 J
cis-1,2-Dichloroethene	10	5 ST	U	200 J*	U	U
Dichlorodifluoromethane	10	5 ST	NA	U	NA	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	830	1700	930 J	950 J
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	NA	NA
Total Targeted VOCs:			8660	16120	11370	13090

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

Exceeds Class GA Groundwater Standards

*Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-4 1/28/2001 1	MW-4 12/13/2004 1	MW-4 9/10/2009 1
Units in ug/L					
	CRDL	NYSDEC Class GA Groundwater Standard Value			
1,1,2-Trichloroethane	10	1 ST	U	U	U
Vinyl Chloride	10	2 ST	U	U	U
1,1,1-Trichloroethane	10	5 ST	7 J	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	9 J	U	15
1,1-Dichloroethane	10	5 ST	2 J	U	U
1,1-Dichloroethene	10	5 ST	1 J	U	U
cis-1,2-Dichloroethene	10	5 ST	4	U	U
Dichlorodifluoromethane	10	5 ST	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U
Trichloroethene	10	5 ST	9 J	1 J	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	U	U
Total Targeted VOCs:			32	1	15

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-8S 11/2/1999 1	MW-8S 1/27/2000 1	MW-8S 12/13/2004 1	MW-8S 5/12/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	0.8 J	U	U	U
1,1-Dichloroethane	10	5 ST	U	U	U	U
1,1-Dichloroethene	10	5 ST	U	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	1 J	U	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	U
Total Targeted VOCs:			1.8	0	0	0

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-8D 11/1/1999 1	MW-8D 1/27/2000 1	MW-8D 12/14/2004 1	MW-8D 5/16/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	5 J	U	U	U
1,1-Dichloroethane	10	5 ST	U	U	1 J	U
1,1-Dichloroethene	10	5 ST	U	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	NA	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	3 J	U	2 J	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	U
Total Targeted VOCs:			8	0	3	0

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-8R 11/2/1999 1	MW-8R 1/27/2000 1	MW-8R 12/15/2004 1	MW-8R 5/12/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	6 JB	U
1,1-Dichloroethane	10	5 ST	U	1 J	4 J	6.3 J
1,1-Dichloroethene	10	5 ST	U	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	NA	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	U	U	1 J	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	15 J
Total Targeted VOCs:			0	1	11	21.3

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

B: Detected in associated blank

--: Not established

6 JB : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-10S 11/2/1999 1	MW-10S 1/27/2000 1	MW-10S 4/9/2001 1	MW-10S 12/14/2004 1	MW-10S 9/10/2009 1	MW-10S 5/12/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U	U	U
Vinyl Chloride	10	2 ST	5 J	14	U	U	2.9 J	4.2 J
1,1,1-Trichloroethane	10	5 ST	3 J	14	3 J	U	4 J	23
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	1 J	4 J	U	U	7.4 J	46
1,1-Dichloroethane	10	5 ST	12	26	3 J	U	7.1 J	13
1,1-Dichloroethene	10	5 ST	2 J	11	U	U	U	4.6 J
cis-1,2-Dichloroethene	10	5 ST	10 *	32 *	2 J	U	9.1 J*	13
Dichlorodifluoromethane	10	5 ST	NA	U	U	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	9 J	36	4 J	U	9.2 J	24
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	NA	U	U	41 J
Total Targeted VOCs:			42	137	12	0	39.7	168.8

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

Exceeds Class GA Groundwater Standards

*: Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-10D 11/2/1999 2	MW-10D 1/27/2000 2	MW-10D 4/19/2001 1	MW-10D 12/15/2004 1/10	MW-10D 9/15/2009 1	MW-10D 5/12/2011 16
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U	U	U
Vinyl Chloride	10	2 ST	33	27	20 J	10	2.5 J	U
1,1,1-Trichloroethane	10	5 ST	130	280	390	410 D	380 D	690
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	200	390	750	820 DB	1200 D	1800
1,1-Dichloroethane	10	5 ST	65	75	61	40	44	42 J
1,1-Dichloroethene	10	5 ST	30	40	57 J	U	61	100 J
cis-1,2-Dichloroethene	10	5 ST	190 *	190 *	220	100	51	35 J
Dichlorodifluoromethane	10	5 ST	NA	NA	U	16	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	230	260	380	260 D	390 D	460
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	18 J	U	90 J
Total Targeted VOCs:			878	1262	1878	1674	2128.5	3217

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

B: Detected in associated blank

NA: Not analyzed

--: Not established

 : Exceeds Class GA Groundwater Standards

*: Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-10R 11/2/1999 1	MW-10R 1/27/2000 1	MW-10R 4/19/2001 1	MW-10R 12/15/2004 1/20	MW-10R 5/12/2011 20
Units in ug/L							
	CRDL	NYSDEC Class GA Groundwater Standard Value					
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	9 J	U
1,1,1-Trichloroethane	10	5 ST	180	290	560	390 D	280
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	470	780	1900	1,500 DB	1800
1,1-Dichloroethane	10	5 ST	270	350	470	360 D	290
1,1-Dichloroethene	10	5 ST	200	230	380 J	U	340
cis-1,2-Dichloroethene	10	5 ST	23 J*	29 J*	51 J*	84	U
Dichlorodifluoromethane	10	5 ST	NA	NA	360	310 D	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	2 J	U
Trichloroethene	10	5 ST	610	630	1300	1,000 D	1300
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	370 J	540 J
Total Targeted VOCs:			1753	2309	5021	4025	4550

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

B: Detected in associated blank

--: Not established

 : Exceeds Class GA Groundwater Standards

*: Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-20S 11/1/1999 1	MW-20S 1/28/2000 1	MW-20S 12/16/2004 1	MW-20S 5/14/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U
Vinyl Chloride	10	2 ST	6 J	7 J	12	11
1,1,1-Trichloroethane	10	5 ST	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U	U
1,1-Dichloroethane	10	5 ST	24	23	24	15
1,1-Dichloroethene	10	5 ST	15	11	6 J	5.3 J
cis-1,2-Dichloroethene	10	5 ST	64 *	53 *	33	34
Dichlorodifluoromethane	10	5 ST	NA	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	U	U	2 J	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	8 J	12 J
Total Targeted VOCs:			109	94	85	77.3

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

 : Exceeds Class GA Groundwater Standards

*: Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-20D 11/1/1999 1	MW-20D 1/28/2000 1	MW-20D 12/16/2004 1	MW-20D 5/14/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U	U
1,1-Dichloroethane	10	5 ST	4 J	4 J	2 J	3.2 J
1,1-Dichloroethene	10	5 ST	2	2 J	1 J	U
cis-1,2-Dichloroethene	10	5 ST	4 J*	3 J*	3 J	7.8 J
Dichlorodifluoromethane	10	5 ST	NA	NA	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	32	15	29	81
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	U
Total Targeted VOCs:			42	24	35	92

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

7.8 J : Exceeds Class GA Groundwater Standards

*--Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-20R 11/1/1999 1	MW-20R 1/28/2000 1	MW-20R 12/16/2004 1	MW-20R 5/14/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	NA	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U	U
1,1-Dichloroethane	10	5 ST	U	U	U	U
1,1-Dichloroethene	10	5 ST	U	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	NA	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	U	U	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	U
Total Targeted VOCs:			0	0	0	0

ug/l: Micrograms per liter

U: Not detected

NA: Not analyzed

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-21S 4/19/2001 80	MW-21S 12/15/2004 25	MW-21S 7/14/2005 20	MW-21S 9/23/2005 20	MW-21S 12/28/2005 1	MW-21S 9/10/2009 1	MW-21S 5/10/2011 1
Units in ug/L									
	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	U	NA	NA	NA	NA	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	1,300	470 DB	460 D	270	3,900 D	89	94
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	4,000	2,100 DB	2,900 D	2,200 B	7,400 DB	590 D	550 D
1,1-Dichloroethane	10	5 ST	U	9 J	9 J	U	51	U	U
1,1-Dichloroethene	10	5 ST	U	U	57	U	U	2.9 J	5.7 J
cis-1,2-Dichloroethene	10	5 ST	U	2 J	U	U	7 J	U	U
Dichlorodifluoromethane	10	5 ST	U	U	U	U	16	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U	U
Trichloroethene	10	5 ST	220 J	150	130	99 J	880 D	20	31
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	11 J	U	U	28	U	U
Total Targeted VOCs:			5520	2742	3556	2569	12282	701.9	680.7

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

B: Detected in associated blank

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

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SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-21R 4/19/2001 100	MW-21R 12/15/2004 200	MW-21R 7/14/2005 250	MW-21R 9/23/2005 1000	MW-21R 12/28/2005 1	MW-21R 9/11/2009 1	MW-21R 5/10/2011 1
Units in ug/L									
	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	U	NA	NA	NA	NA	7.4 J	3.1 J
Vinyl Chloride	10	2 ST	U	3 J	U	14	5 J	12	7.5 J
1,1,1-Trichloroethane	10	5 ST	12,000	19,000 D	19,000 D	35,000 D	27,000 D	28000 D	17000 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	16,000	34,000 DB	32,000 D	57,000 DB	54,000 DB	48000 D	28000 D
1,1-Dichloroethane	10	5 ST	410 J	370 DJ	310 DJ	1,100 DJ	790 DJ	1100 DJ	840 D
1,1-Dichloroethene	10	5 ST	740 J	U	U	U	780 E	560 E	1000 D
cis-1,2-Dichloroethene	10	5 ST	U	9 J	10	90	34	59	43
Dichlorodifluoromethane	10	5 ST	U	U	U	U	210 E	840 E	U
trans-1,2-Dichloroethene	10	5 ST	U	3 J	U	U	10	9.9 J	7.1 J
Trichloroethene	10	5 ST	3,000	7,200 D	5,700 D	13,000 D	9,900 D	13000 D	8200 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	140 J	U	U	270 E	680 J	440 J
Total Targeted VOCs:			32150	60725	57020	106204	92999	92268.3	55540.7

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

B: Detected in associated blank

E: Exceeded calibration range

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-22S 4/19/2001 80	MW-22S 12/15/2004 4	MW-22S 7/14/2005 50	MW-22S 9/23/2005 50	MW-22S 12/28/2005 1	MW-22S 1/31/2008 400	MW-22S 12/29/2008 1
Units in ug/L	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	U	NA	NA	NA	NA	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	2 J	1.5	3.3 J
1,1,1-Trichloroethane	10	5 ST	1,800	180	1,800 D	2,500	3,700 D	2,100 DJ	3,000 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	3,800	400	3,800 D	4,900 B	6,600 DB	5,400 DJ	7,600 D
1,1-Dichloroethane	10	5 ST	U	13 J	170	220 J	250 DJ	220 DJ	290 DJ
1,1-Dichloroethene	10	5 ST	U	U	U	U	420 DJ	330 DJ	510 DJ
cis-1,2-Dichloroethene	10	5 ST	U	U	6 J	U	15	12	13
Dichlorodifluoromethane	10	5 ST	U	U	24	U	140	100 DJ	650 DJ
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	3 J	2.4	2 J
Trichloroethene	10	5 ST	900	110	1,100 D	1,900	2,300 D	1,700 DJ	2,300 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	U	U	U	150	U	150 J
Total Targeted VOCs:			6500	703	6900	9520	13580	9865.9	14518.5

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-22S 1/14/2009 1	MW-22S 4/1/2009 1	MW-22S 9/10/2009 1	MW-22S 5/10/2011 1
Units in ug/L	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	1,000 D	1,100 D	1100 D	590 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	2,900 D	3,200 D	2300 D	1300 D
1,1-Dichloroethane	10	5 ST	170	86	110	94
1,1-Dichloroethene	10	5 ST	180 DJ	110	130	140
cis-1,2-Dichloroethene	10	5 ST	6.4 J	3.2 J	5.5 J	4.3 J
Dichlorodifluoromethane	10	5 ST	320 D	47	87	77
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	810 D	660 D	860 D	630 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	96 J	50 J	76 J	78 J
Total Targeted VOCs:			5482.4	5256.2	4668.5	2913.3

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

B: Detected in associated blank

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-22R 4/19/2001 100	MW-22R 12/15/2004 100	MW-22R 7/14/2005 200	MW-22R 9/23/2005 200	MW-22R 12/28/2005 1	MW-22R 1/31/2008 2000	MW-22R 12/29/2008 1
Units in ug/L	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	U	NA	NA	NA	NA	3	U
Vinyl Chloride	10	2 ST	U	4 J	2 J	U	5 J	9	6.3 J
1,1,1-Trichloroethane	10	5 ST	6,600	8,900 D	12,000 D	8,800	11,000 D	15,000 D	7,600 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	10,000	13,000 DB	21,000 D	15,000 B	16,000 DB	29,000 D	16,000 D
1,1-Dichloroethane	10	5 ST	350 J	540 DJ	650 DJ	580 J	610 DJ	1,000 D	560 DJ
1,1-Dichloroethene	10	5 ST	730 J	U	U	U	980 DJ	1,700 D	920 DJ
cis-1,2-Dichloroethene	10	5 ST	U	22	21	U	30	U	21
Dichlorodifluoromethane	10	5 ST	U	190 DJ	65	U	200	U	730 DJ
trans-1,2-Dichloroethene	10	5 ST	U	4 J	U	U	U	U	U
Trichloroethene	10	5 ST	3,800	5,200 D	7,300 D	5,600	6,600 D	11,000 D	4,800 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	210 J	U	U	200 DJ	110 J	150 J
Total Targeted VOCs:			21480	28070	41038	29980	35625	57822.4	30787.3

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-22R 1/14/2009 1	MW-22R 4/1/2009 1	MW-22R 9/11/2009 1	MW-22R 5/10/2011 1
Units in ug/L	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	U	U	U	U
Vinyl Chloride	10	2 ST	5.8 J	U	2.4 J	4.4 J
1,1,1-Trichloroethane	10	5 ST	4,600 D	8,000 D	5,100 D	6,600 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	11,000 D	16,000 D	10,000 D	11,000 D
1,1-Dichloroethane	10	5 ST	280 DJ	470 DJ	390 DJ	470 D
1,1-Dichloroethene	10	5 ST	570 DJ	750 D	530 DJ	700 D
cis-1,2-Dichloroethene	10	5 ST	16	20	13	19
Dichlorodifluoromethane	10	5 ST	1,100 D	180	190	180
trans-1,2-Dichloroethene	10	5 ST	2.5 J	U	2.5 J	2.7 J
Trichloroethene	10	5 ST	2,700 D	5,500 D	3,500 D	4,800 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	160 J	150 J	130 J	200 J
Total Targeted VOCs:			20434.3	31070	19857.9	23976.1

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

B: Detected in associated blank

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-23S 1/31/2008 50	MW-23S 12/22/2008 1	MW-23S 1/12/2009 1	MW-23S 3/31/2009 1	MW-23S 9/8/2009 1	MW-23S 5/10/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	330	1,500 D	2,400 D	1,600 D	1000 D	580 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	800 B	3,100 D	3,600 D	3,800 D	2400 D	1100 D
1,1-Dichloroethane	10	5 ST	24 J	120	190	130	68	41
1,1-Dichloroethene	10	5 ST	39	120	280	110	56	46
cis-1,2-Dichloroethene	10	5 ST	U	14	16	16	15	7.3 J
Dichlorodifluoromethane	10	5 ST	11 J	180 U	470	71	25	18
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	190	970 D	1,600 D	860 D	540 D	360 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	53 J	110 J	79 J	78 J	120 J
Total Targeted VOCs:			1394	6057	8666	6666	4182	2272.3

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

B: Detected in associated blank

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-23D 1/31/2008 400	MW-23D 12/22/2008 1	MW-23D 1/12/2009 1	MW-23D 3/30/2009 1	MW-23D 9/14/2009 1	MW-23D 5/10/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	2,100	1,900 D	1,600 D	1,400 D	1100 D	800 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	4,800	5,100 D	3,400 D	3,100 D	2100 D	1500 D
1,1-Dichloroethane	10	5 ST	160 J	150	120	99	58	45
1,1-Dichloroethene	10	5 ST	190 J	120	120	98	62	51
cis-1,2-Dichloroethene	10	5 ST	U	5.9 J	4.3 J	3.4 J	2.8 J	U
Dichlorodifluoromethane	10	5 ST	U	340 DJ	420 D	54	37	24
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	1,300	1100 D	820 D	730 D	600 D	410 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	77 J	72 J	50 J	33 J	30 J
Total Targeted VOCs:			8550	8792.9	6556.3	5534.4	3992.8	2860

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-24S 1/31/2008 1	MW-24S 12/23/2008 1	MW-24S 1/13/2009 1	MW-24S 3/27/2009 1	MW-24S 9/8/2009 1	MW-24S 5/9/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	37 D	350 D	260 D	1,500 D	120	13
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	120 DB	400 D	400 D	3,600 D	550 D	42
1,1-Dichloroethane	10	5 ST	9.4 D	55	46	120	39	5.1 J
1,1-Dichloroethene	10	5 ST	14	72	83	97	39	4.7 J
cis-1,2-Dichloroethene	10	5 ST	14	7.4 J	11 J	11	29	3.4 J
Dichlorodifluoromethane	10	5 ST	2.2	43 U	76	94	19	U
trans-1,2-Dichloroethene	10	5 ST	1.2	U	U	U	U	U
Trichloroethene	10	5 ST	54 D	290 D	190 D	830 D	130	23
1,2-Dichloro-1,1,2-trifluoroethane	10	--	30 J	34 J	96 J	78 J	140 J	76 J
Total Targeted VOCs:			281.8	1251.4	1162	6330	1066	167.2

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

B: Detected in associated blank

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-24D 1/31/2008 1	MW-24D 12/23/2008 1	MW-24D 1/13/2009 1	MW-24D 3/31/2009 1	MW-24D 9/14/2009 1	MW-24D 5/9/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	1	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	1,500 D	1,300 D	1,300 D	1,200 D	760 D	730 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	4,500 D	3,100 D	3,700 D	3,200 D	1600 D	1300 D
1,1-Dichloroethane	10	5 ST	160 DJ	310 D	230 DJ	130	100	47
1,1-Dichloroethene	10	5 ST	170 DJ	92	100	57	52	43
cis-1,2-Dichloroethene	10	5 ST	5	5 J	5 J	3.8 J	8.3 J	2.1 J
Dichlorodifluoromethane	10	5 ST	88 DJ	570 D	1,200 D	88	64	22
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	940 D	790 D	730 D	480 D	390 D	380 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	43 J	210 J	210 J	240 J	350 J	56 J
Total Targeted VOCs:			7407.13	6377.4	7474.7	5398.8	3324.3	2580.1

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-25S 1/31/2008 1	MW-25S 12/23/2008 1	MW-25S 1/13/2009 1	MW-25S 3/30/2009 1	MW-25S 9/8/2009 1	MW-25S 5/9/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	2.4	15	24	420 D	470 D	14
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	4.4 B	14	80	610 D	1000 D	13
1,1-Dichloroethane	10	5 ST	0.5	22	11	53	72	5.2 J
1,1-Dichloroethene	10	5 ST	0.54	10	9.2 J	65	55	2.5 J
cis-1,2-Dichloroethene	10	5 ST	U	5.7 J	3.2 J	10	12	3.5 J
Dichlorodifluoromethane	10	5 ST	U	4.6 U	8 J	8.3 J	15	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	2	26	20	180 D	320 D	24
1,2-Dichloro-1,1,2-trifluoroethane	10	--	0.76 J	62 J	36 J	85 J	81 J	17 J
Total Targeted VOCs:			10.6	159.3	191.4	1431.3	2025	79.2

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

B: Detected in associated blank

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-25D 1/31/2008 400	MW-25D 12/23/2008 1	MW-25D 1/14/2009 1	MW-25D 3/30/2009 1	MW-25D 9/15/2009 1	MW-25D 5/9/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	1,300	1,100 D	880 D	1,200 D	1000 D	170
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	3,600	3,300 D	3,300 D	2,900 D	1700 D	510 D
1,1-Dichloroethane	10	5 ST	150 J	100	170	110	120	54
1,1-Dichloroethene	10	5 ST	320	150	240 DJ	120	84	46
cis-1,2-Dichloroethene	10	5 ST	U	4.7 J	8.4 J	4 J	4.1 J	8 J
Dichlorodifluoromethane	10	5 ST	U	170	320 D	50	110	21
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	1,300	950 D	910 D	820 D	620 D	180
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	44 J	110 J	U	140 J	230 J
Total Targeted VOCs:			6670	5818.7	5938.4	5204	3778.1	1219

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-26S 2/1/2008 1	MW-26S 12/29/2008 1	MW-26S 1/14/2009 1	MW-26S 3/27/2009 1	MW-26S 9/9/2009 1	MW-26S 5/11/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	0.36 J	2.0 J	3.0 J	U	U	U
1,1,1-Trichloroethane	10	5 ST	6.1	U	U	9.1 J	3.5 J	4.9 J
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	3.4 B	6.5 J	4.4 J	38	8.2 J	15
1,1-Dichloroethane	10	5 ST	3.1	5.4 J	6.8 J	14	8.1 J	6.1 J
1,1-Dichloroethene	10	5 ST	1.2	U	U	4.1 J	2.1 J	U
cis-1,2-Dichloroethene	10	5 ST	1.4	3.2 J	3.8 J	6.5 J	6.8 J	U
Dichlorodifluoromethane	10	5 ST	U	U	U	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	6.8	6.5 J	8.6 J	19	6.9 J	3.7 J
1,2-Dichloro-1,1,2-trifluoroethane	10	--	2 J	39 J	42 J	52 J	63 J	30 J
Total Targeted VOCs:			24.66	62.6	68.6	142.7	98.6	59.7

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

B: Detected in associated blank

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-26D 1/31/2008 400	MW-26D 12/29/2008 1	MW-26D 1/14/2009 1	MW-26D 3/31/2009 1	MW-26D 9/15/2009 1	MW-26D 5/11/2011 5
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	2.1 J	3.4 J	U	U	U
1,1,1-Trichloroethane	10	5 ST	1,200	170	180 D	750 D	820 D	380
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	2,900	580 D	620 D	1700 D	2,100 D	870
1,1-Dichloroethane	10	5 ST	130 J	28	41	160	100	60
1,1-Dichloroethene	10	5 ST	160 J	27	42	62	53	59
cis-1,2-Dichloroethene	10	5 ST	U	38	48	18	5.8 J	23 J
Dichlorodifluoromethane	10	5 ST	U	120	130	34	U	27 J
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	780	190	150 D	520 D	420 D	270
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	31 J	84 J	130 J	270 J	120 J
Total Targeted VOCs:			5170	1186.1	1298.4	3374	3768.8	1809

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-27 1/31/2008 40	MW-27 12/22/2008 1	MW-27 1/13/2009 1	MW-27 3/27/2009 1	MW-27 9/15/2009 1	MW-27 5/11/2011 40
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	3.6 J	U	U	U
1,1,1-Trichloroethane	10	5 ST	170	95	190	360 D	890 D	2500
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	420 B	180	440 D	1,100 D	2,500 D	5700
1,1-Dichloroethane	10	5 ST	17 J	9.6 J	20	33	63	230 J
1,1-Dichloroethene	10	5 ST	23	16	30	43	79	660
cis-1,2-Dichloroethene	10	5 ST	53	21	56	64	36	U
Dichlorodifluoromethane	10	5 ST	U	11	41 U	16	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	130	94	190	280 D	590 D	2600
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	U	9 J	11 J	32 J	270 J
Total Targeted VOCs:			813	426.6	979.4	1907	4190	11960

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-28S 2/1/2008 1	MW-28S 12/23/2008 1	MW-28S 1/13/2009 1	MW-28S 3/27/2009 1	MW-28S 9/9/2009 1	MW-28S 5/10/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	0.49 J	U	5.90 J	U	U	U
1,1,1-Trichloroethane	10	5 ST	5.4	19.0	180 D	360 D	140	29
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	5.8 B	140.0	590 D	670 D	300 D	72
1,1-Dichloroethane	10	5 ST	2.4	13.0	55	46	35	26
1,1-Dichloroethene	10	5 ST	1.1	9.6 J	65	32	20	6.1 J
cis-1,2-Dichloroethene	10	5 ST	2.4	10.0 J	21	11	15	19
Dichlorodifluoromethane	10	5 ST	U	48 U	120	7.4 J	11	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	4.5	10.0 J	170	220 D	100	28
1,2-Dichloro-1,1,2-trifluoroethane	10	--	2.5 J	59 J	160 J	99 J	110 J	120 J
Total Targeted VOCs:			24.59	308.6	1366.9	1445.4	731	300.1

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

B: Detected in associated blank

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			MW-28D 2/1/2008 400	MW-28D 12/23/2008 1	MW-28D 1/13/2009 1	MW-28D 3/30/2009 1	MW-28D 9/14/2009 1	MW-28D 5/10/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	2,200	330 D	280 D	620 D	450 D	830 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	4,300	1,600 D	1,100 D	2,000 D	1,000 D	1600 D
1,1-Dichloroethane	10	5 ST	150 J	530 D	320 D	220 DJ	140	74
1,1-Dichloroethene	10	5 ST	210	57	67	67	37	57
cis-1,2-Dichloroethene	10	5 ST	U	4 J	4.6 J	6.1 J	6.5 J	25
Dichlorodifluoromethane	10	5 ST	U	2,700 D	2500 D	190 DJ	91	31
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	1,200	650 D	360 D	400 D	250 D	440 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	450 J	530 J	570 J	600 J	140 J
Total Targeted VOCs:			8060	6321	5161.6	4073.1	2574.5	3197

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-5S 12/14/2004 1	P-5S 5/14/2011 1
Units in ug/L				
	CRDL	NYSDEC Class GA Groundwater Standard Value		
1,1,2-Trichloroethane	10	1 ST	U	U
Vinyl Chloride	10	2 ST	U	U
1,1,1-Trichloroethane	10	5 ST	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U
1,1-Dichloroethane	10	5 ST	2 J	3.4 J
1,1-Dichloroethene	10	5 ST	U	U
cis-1,2-Dichloroethene	10	5 ST	12	33
Dichlorodifluoromethane	10	5 ST	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U
Trichloroethene	10	5 ST	17	31
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	U
Total Targeted VOCs:			31	67.4

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-5I 4/9/1999 200	P-5I 12/14/2004 1	P-5I 5/14/2011 1
Units in ug/L					
	CRDL	NYSDEC Class GA Groundwater Standard Value			
1,1,2-Trichloroethane	10	1 ST	NA	U	U
Vinyl Chloride	10	2 ST	U	2 J	U
1,1,1-Trichloroethane	10	5 ST	U	2 J	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U
1,1-Dichloroethane	10	5 ST	U	4 J	4.1 J
1,1-Dichloroethene	10	5 ST	U	U	U
cis-1,2-Dichloroethene	10	5 ST	390	31	43
Dichlorodifluoromethane	10	5 ST	NA	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U
Trichloroethene	10	5 ST	680	30	49
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	U	U
Total Targeted VOCs:			1070	69	96.1

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-5D 4/9/1999 250	P-5D 12/14/2004 1/20	P-5D 5/13/2011 1
Units in ug/L					
	CRDL	NYSDEC Class GA Groundwater Standard Value			
1,1,2-Trichloroethane	10	1 ST	NA	U	U
Vinyl Chloride	10	2 ST	U	3 J	U
1,1,1-Trichloroethane	10	5 ST	900	760 D	790
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	1,800	2,000 D	1,900
1,1-Dichloroethane	10	5 ST	U	72	50
1,1-Dichloroethene	10	5 ST	U	U	59
cis-1,2-Dichloroethene	10	5 ST	U	47	13
Dichlorodifluoromethane	10	5 ST	NA	25	27
trans-1,2-Dichloroethene	10	5 ST	310	U	U
Trichloroethene	10	5 ST	750	570 D	490
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	37 J	37 J
Total Targeted VOCs:			3760	3514	3366

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-6 4/12/1999 1	P-6 4/19/2001 1	P-6 12/14/2004 1	P-6 5/11/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U	U
1,1-Dichloroethane	10	5 ST	U	U	U	U
1,1-Dichloroethene	10	5 ST	U	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	U	U	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	U
Total Targeted VOCs:			0	0	0	0

ug/l: Micrograms per liter

U: Not detected

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-7 4/18/2001 1	P-7 12/13/2004 1	P-7 5/12/2011 1
Units in ug/L					
	CRDL	NYSDEC Class GA Groundwater Standard Value			
1,1,2-Trichloroethane	10	1 ST	U	U	U
Vinyl Chloride	10	2 ST	U	U	U
1,1,1-Trichloroethane	10	5 ST	2 J	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	10	17	4.3 J
1,1-Dichloroethane	10	5 ST	4 J	8 J	U
1,1-Dichloroethene	10	5 ST	1 J	3 J	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U
Dichlorodifluoromethane	10	5 ST	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U
Trichloroethene	10	5 ST	10	16	2.9 J
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	U	8.9 J
Total Targeted VOCs:			27	44	16.1

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-9 11/4/1999 1	P-9 1/28/2000 1	P-9 12/13/2004 1
Units in ug/L					
	CRDL	NYSDEC Class GA Groundwater Standard Value			
1,1,2-Trichloroethane	10	1 ST	NA	NA	U
Vinyl Chloride	10	2 ST	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U
1,1-Dichloroethane	10	5 ST	U	U	U
1,1-Dichloroethene	10	5 ST	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U
Trichloroethene	10	5 ST	U	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U
Total Targeted VOCs:			0	0	0

ug/l: Micrograms per liter

U: Not detected

NA: Not analyzed

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-10 4/12/1999 1
Units in ug/L			
	CRDL	NYSDEC Class GA Groundwater Standard Value	
1,1,2-Trichloroethane	10	1 ST	NA
Vinyl Chloride	10	2 ST	3.9
1,1,1-Trichloroethane	10	5 ST	3.4
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	1.4
1,1-Dichloroethane	10	5 ST	9.8
1,1-Dichloroethene	10	5 ST	3.5
cis-1,2-Dichloroethene	10	5 ST	11
Dichlorodifluoromethane	10	5 ST	NA
trans-1,2-Dichloroethene	10	5 ST	U
Trichloroethene	10	5 ST	12
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA
Total Targeted VOCs:			45

ug/l: Micrograms per liter

U: Not detected

NA: Not analyzed

--: Not established

9.8, 11, 12 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-11 4/12/1999 1	P-11 4/18/2001 1	P-11 12/13/2004 1	P-11 1/31/2008 1	P-11 12/22/2008 1	P-11 1/13/2009 1	P-11 3/27/2009 1
Units in ug/L									
	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	850	200 J	23	20	19	23	29
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	98	52	15	13 B	46	93	80
1,1-Dichloroethane	10	5 ST	U	3 J	1 J	0.75	U	2.1 J	U
1,1-Dichloroethene	10	5 ST	72	15	U	2.4	2.4 J	3.3 J	3.2 J
cis-1,2-Dichloroethene	10	5 ST	U	2 J	U	0.76	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	U	U	U	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U	U
Trichloroethene	10	5 ST	210	51	19	9.6	13	14	14
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U	0.68 J	U	9.1 J	U
Total Targeted VOCs:			1230	323	58	47.19	80.4	144.5	126.2

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-11 9/9/2009 1	P-11 5/11/2011 1
Units in ug/L				
	CRDL	NYSDEC Class GA Groundwater Standard Value		
1,1,2-Trichloroethane	10	1 ST	U	U
Vinyl Chloride	10	2 ST	U	U
1,1,1-Trichloroethane	10	5 ST	38	32
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	98	160
1,1-Dichloroethane	10	5 ST	3.6 J	4.7 J
1,1-Dichloroethene	10	5 ST	7.2 J	10
cis-1,2-Dichloroethene	10	5 ST	U	3.5 J
Dichlorodifluoromethane	10	5 ST	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U
Trichloroethene	10	5 ST	28	48
1,2-Dichloro-1,1,2-trifluoroethane	10	--	7.5 J	24 J
Total Targeted VOCs:			182.3	282.2

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-12 11/3/1999 1	P-12 1/28/2000 1	P-12 4/18/2001 1	P-12 12/13/2004 1	P-12 9/11/2009 1	P-12 5/16/2011 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	NA	NA	U		U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	34	100	53 J	44	76.0	14
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	66	120	73	85	170.0	80
1,1-Dichloroethane	10	5 ST	2 J	4 J	2 J	2 J	3.2 J	U
1,1-Dichloroethene	10	5 ST	U	U	2 J	U	3.8 J	U
cis-1,2-Dichloroethene	10	5 ST	4 J*	U	U	1 J	3.6 J	U
Dichlorodifluoromethane	10	5 ST	NA	U	U	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	24	14	9 J	15	27.0	4.6 J
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	NA	U	U	U
Total Targeted VOCs:			130	238	139	147	283.6	98.6

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

Exceeds Class GA Groundwater Standards

*Sum of cis and trans reported

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-13 4/18/2001 1
Units in ug/L			
	CRDL	NYSDEC Class GA Groundwater Standard Value	
1,1,2-Trichloroethane	10	1 ST	U
Vinyl Chloride	10	2 ST	U
1,1,1-Trichloroethane	10	5 ST	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U
1,1-Dichloroethane	10	5 ST	U
1,1-Dichloroethene	10	5 ST	U
cis-1,2-Dichloroethene	10	5 ST	U
Dichlorodifluoromethane	10	5 ST	U
trans-1,2-Dichloroethene	10	5 ST	U
Trichloroethene	10	5 ST	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA
Total Targeted VOCs:			0

ug/l: Micrograms per liter

U: Not detected

NA: Not analyzed

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-14 11/4/1999 1	P-14 1/28/2000 1	P-14 12/14/2004 1
Units in ug/L					
	CRDL	NYSDEC Class GA Groundwater Standard Value			
1,1,2-Trichloroethane	10	1 ST	NA	NA	U
Vinyl Chloride	10	2 ST	U	U	U
1,1,1-Trichloroethane	10	5 ST	0.4 J	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U
1,1-Dichloroethane	10	5 ST	2 J	U	U
1,1-Dichloroethene	10	5 ST	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U
Dichlorodifluoromethane	10	5 ST	NA	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U
Trichloroethene	10	5 ST	U	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	NA	U
Total Targeted VOCs:			2.4	0	0

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			P-15 12/14/2004 1	P-15 9/11/2009 1	P-15 5/16/2011 1
Units in ug/L					
	CRDL	NYSDEC Class GA Groundwater Standard Value			
1,1,2-Trichloroethane	10	1 ST	U	U	U
Vinyl Chloride	10	2 ST	U	U	U
1,1,1-Trichloroethane	10	5 ST	U	U	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U	U	U
1,1-Dichloroethane	10	5 ST	U	U	U
1,1-Dichloroethene	10	5 ST	U	U	U
cis-1,2-Dichloroethene	10	5 ST	U	U	U
Dichlorodifluoromethane	10	5 ST	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U
Trichloroethene	10	5 ST	U	U	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	U	U
Total Targeted VOCs:			0	0	0

ug/l: Micrograms per liter

U: Not detected

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID			P-16
DATE OF COLLECTION			12/14/2004
DILUTION FACTOR			1
Units in ug/L			
	CRDL	NYSDEC Class GA Groundwater Standard Value	
1,1,2-Trichloroethane	10	1 ST	U
Vinyl Chloride	10	2 ST	U
1,1,1-Trichloroethane	10	5 ST	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	U
1,1-Dichloroethane	10	5 ST	U
1,1-Dichloroethene	10	5 ST	U
cis-1,2-Dichloroethene	10	5 ST	U
Dichlorodifluoromethane	10	5 ST	U
trans-1,2-Dichloroethene	10	5 ST	U
Trichloroethene	10	5 ST	U
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U
Total Targeted VOCs:			0

ug/l: Micrograms per liter

U: Not detected

--: Not established

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-17S 4/8/1999 20	OC-17S 12/13/2004 1	OC-17S 1/31/2008 2	OC-17S 12/23/2008 1	OC-17S 1/14/2009 1	OC-17S 3/30/2009 1	OC-17S 9/8/2009 1
Units in ug/L									
	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	760	500 E	34	74	120	200 D	400 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	120	39	5.3 B	100	140	250 D	370 D
1,1-Dichloroethane	10	5 ST	32	10	1.4	14	18	26	65
1,1-Dichloroethene	10	5 ST	85	28	3.6	18	27	43	100
cis-1,2-Dichloroethene	10	5 ST	57	9 J	4.6	9.1 J	8.4 J	7.6 J	6.9 J
Dichlorodifluoromethane	10	5 ST	NA	U	U	5.5 J	11 J	U	11
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U	U
Trichloroethene	10	5 ST	290	110	15	42	74	150	300 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	U	U	24 J	42 J	31 J	72 J
Total Targeted VOCs:			1344	696	63.9	286.6	440.4	707.6	1324.9

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-17S 5/11/2011 1
Units in ug/L			
	CRDL	NYSDEC Class GA Groundwater Standard Value	
1,1,2-Trichloroethane	10	1 ST	U
Vinyl Chloride	10	2 ST	U
1,1,1-Trichloroethane	10	5 ST	24
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	100
1,1-Dichloroethane	10	5 ST	24
1,1-Dichloroethene	10	5 ST	8.4 J
cis-1,2-Dichloroethene	10	5 ST	10
Dichlorodifluoromethane	10	5 ST	7 J
trans-1,2-Dichloroethene	10	5 ST	U
Trichloroethene	10	5 ST	37
1,2-Dichloro-1,1,2-trifluoroethane	10	--	130 J
Total Targeted VOCs:			340.2

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

B: Detected in associated blank

E: Exceeded calibration range

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-17D 4/8/1999 200	OC-17D 12/13/2004 1	OC-17D 2/1/2008 400	OC-17D 12/23/2008 1	OC-17D 1/14/2009 1	OC-17D 3/30/2009 1	OC-17D 9/14/2009 1
Units in ug/L									
	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	10	U	2.7 J	3.6 J	U	U
1,1,1-Trichloroethane	10	5 ST	840	1,100 D	1,300	760 D	540 D	450 D	630 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	1,500	2,100 D	3,100	2,300 D	1,800 D	710 D	1,300 D
1,1-Dichloroethane	10	5 ST	130	81	97 J	69	190	170 DJ	110
1,1-Dichloroethene	10	5 ST	220	130	160 J	87	110	64	53
cis-1,2-Dichloroethene	10	5 ST	230	130	U	36	44	15	3.5 J
Dichlorodifluoromethane	10	5 ST	NA	20	U	130	1,100 D	160	87
trans-1,2-Dichloroethene	10	5 ST	U	1 J	U	U	U	U	U
Trichloroethene	10	5 ST	680	730 D	790	510 D	440 D	360 D	370 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	32 J	32 J	32 J	240 J	320 J	240 J
Total Targeted VOCs:			3600	4334	5479	3926.7	4467.6	2249	2793.5

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-17D 5/11/2011 16
Units in ug/L			
	CRDL	NYSDEC Class GA Groundwater Standard Value	
1,1,2-Trichloroethane	10	1 ST	U
Vinyl Chloride	10	2 ST	U
1,1,1-Trichloroethane	10	5 ST	980
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	2600
1,1-Dichloroethane	10	5 ST	140 J
1,1-Dichloroethene	10	5 ST	100 J
cis-1,2-Dichloroethene	10	5 ST	U
Dichlorodifluoromethane	10	5 ST	57 J
trans-1,2-Dichloroethene	10	5 ST	U
Trichloroethene	10	5 ST	520
1,2-Dichloro-1,1,2-trifluoroethane	10	--	490 J
Total Targeted VOCs:			4887

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-18S 4/8/1999 200	OC-18S 12/13/2004 1	OC-18S 2/1/2008 1	OC-18S 12/22/2008 1	OC-18S 1/12/2009 1	OC-18S 3/27/2009 1	OC-18S 9/9/2009 1
Units in ug/L									
	CRDL	NYSDEC Class GA Groundwater Standard Value							
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	250	310 D	2.7	160	68	83	1,000 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	300	370 D	4 B	600 D	220 D	290 D	2,000 D
1,1-Dichloroethane	10	5 ST	U	18	0.21 J	19	7.8 J	9 J	180
1,1-Dichloroethene	10	5 ST	64	56	0.44 J	51	27	30	430 D
cis-1,2-Dichloroethene	10	5 ST	U	1 J	U	U	2 J	3 J	8.1 J
Dichlorodifluoromethane	10	5 ST	NA	U	U	37	24	4 J	34
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U	U
Trichloroethene	10	5 ST	230	180 D	1.8	210 D	99	120	1,800 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	U	U	12 J	U	10 J	72 J
Total Targeted VOCs:			844	935	9.15	1089	447.8	548.1	5524.1

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-18S 5/11/2011 1
Units in ug/L			
	CRDL	NYSDEC Class GA Groundwater Standard Value	
1,1,2-Trichloroethane	10	1 ST	U
Vinyl Chloride	10	2 ST	U
1,1,1-Trichloroethane	10	5 ST	6.7 J
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	36
1,1-Dichloroethane	10	5 ST	U
1,1-Dichloroethene	10	5 ST	U
cis-1,2-Dichloroethene	10	5 ST	4.6 J
Dichlorodifluoromethane	10	5 ST	U
trans-1,2-Dichloroethene	10	5 ST	U
Trichloroethene	10	5 ST	14
1,2-Dichloro-1,1,2-trifluoroethane	10	--	14 J
Total Targeted VOCs:			75.3

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

B: Detected in associated blank

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-18D 4/8/1999 200	OC-18D 12/13/2004 1	OC-18D 1/31/2008 400	OC-18D 12/22/2008 1	OC-18D 1/12/2009 1	OC-18D 3/31/2009 1
Units in ug/L								
	CRDL	NYSDEC Class GA Groundwater Standard Value						
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	3,100	1,800 D	200	2,400 D	1,300 D	1,900 D
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	5,600	4,300 D	5,100	7,500 D	4,000 D	4,700 D
1,1-Dichloroethane	10	5 ST	250	140	160 J	140	130	94
1,1-Dichloroethene	10	5 ST	600	190	210	120	140	110
cis-1,2-Dichloroethene	10	5 ST	U	5 J	U	5.9 J	4.6 J	3 J
Dichlorodifluoromethane	10	5 ST	NA	43	U	340 DJ	390 E	40
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U	U	U
Trichloroethene	10	5 ST	1,800	1,100 D	1,300	1,400 D	660 D	960 D
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	66 J	U	60 J	63 J	U
Total Targeted VOCs:			11350	7644	6970	11965.9	6687.6	7807.3

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-18D 9/15/2009 1	OC-18D 5/11/2011 16
Units in ug/L				
	CRDL	NYSDEC Class GA Groundwater Standard Value		
1,1,2-Trichloroethane	10	1 ST	U	U
Vinyl Chloride	10	2 ST	U	U
1,1,1-Trichloroethane	10	5 ST	1,200 D	760
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	2,700 D	1,600
1,1-Dichloroethane	10	5 ST	57	43 J
1,1-Dichloroethene	10	5 ST	61	73 J
cis-1,2-Dichloroethene	10	5 ST	2.7 J	U
Dichlorodifluoromethane	10	5 ST	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U
Trichloroethene	10	5 ST	600 D	370
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U	U
Total Targeted VOCs:			4620.7	2846

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

E: Exceeded calibration range

--: Not established

 : Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-19S 4/9/1999 50	OC-19S 12/13/2004 1	OC-19S 9/9/2009 1.0	OC-19S 5/16/2011 1
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U
Vinyl Chloride	10	2 ST	U	U	4.1 J	U
1,1,1-Trichloroethane	10	5 ST	1,100	7 J	140	2.6 J
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	1,600	28	470 D	7.8 J
1,1-Dichloroethane	10	5 ST	110	5 J	17	U
1,1-Dichloroethene	10	5 ST	180	2 J	10	U
cis-1,2-Dichloroethene	10	5 ST	U	15	45	4.3 J
Dichlorodifluoromethane	10	5 ST	NA	U	U	U
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	640	11	70	4.7 J
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	U	U	U
Total Targeted VOCs:			3630	68	756.1	19.4

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

NA: Not analyzed

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			OC-19D 4/9/1999 200	OC-19D 12/13/2004 1	OC-19D 9/15/2009 1.0	OC-19D 5/16/2011 16
Units in ug/L						
	CRDL	NYSDEC Class GA Groundwater Standard Value				
1,1,2-Trichloroethane	10	1 ST	NA	U	U	U
Vinyl Chloride	10	2 ST	U	U	U	U
1,1,1-Trichloroethane	10	5 ST	4,000	1,500 D	980 D	1,100
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	6,700	2,000 D	1900 D	1,900
1,1-Dichloroethane	10	5 ST	310	140	51	89 J
1,1-Dichloroethene	10	5 ST	810	U	56	110 J
cis-1,2-Dichloroethene	10	5 ST	U	6 J	15	U
Dichlorodifluoromethane	10	5 ST	NA	U	U	48 J
trans-1,2-Dichloroethene	10	5 ST	U	U	U	U
Trichloroethene	10	5 ST	2,400	830 D	520 D	620
1,2-Dichloro-1,1,2-trifluoroethane	10	--	NA	58	U	U
Total Targeted VOCs:			14220	4534	3522	3867

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

D: Compound detected at secondary dilution

NA: Not analyzed

--: Not established

: Exceeds Class GA Groundwater Standards

FARRAND CONTROLS SITE
GROUNDWATER SAMPLE RESULTS
SELECTED VOLATILE ORGANIC COMPOUNDS (VOCs)

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR			DRUM COMPOSITE 5/16/2011 1
Units in ug/L			
	CRDL	NYSDEC Class GA Groundwater Standard Value	
1,1,2-Trichloroethane	10	1 ST	U
Vinyl Chloride	10	2 ST	U
1,1,1-Trichloroethane	10	5 ST	800
1,1,2-Trichloro-1,2,2-trifluoroethane	10	5 ST	1600
1,1-Dichloroethane	10	5 ST	83 J
1,1-Dichloroethene	10	5 ST	87 J
cis-1,2-Dichloroethene	10	5 ST	U
Dichlorodifluoromethane	10	5 ST	38 J
trans-1,2-Dichloroethene	10	5 ST	U
Trichloroethene	10	5 ST	500
1,2-Dichloro-1,1,2-trifluoroethane	10	--	U
Total Targeted VOCs:			3108

ug/l: Micrograms per liter

U: Not detected

J: Estimated value

--: Not established

: Exceeds Class GA Groundwater Standards