

Table 2-1 Well Construction Summary and Data Collection Frequency for Full-Scale TDCS Operations

NODE_ID	Formation	Open Interval Elevation		WL Measurement Frequency	*DNAPL Monitoring	**Flow Rate Measurement
		Screen Top (NGVD)	Screen Bottom (NGVD)			
CDW-A	Overburden	NS	NS	Quarterly	☐	☐
CDW-B	Overburden	NS	NS	Quarterly	☐	☐
CDW-C	Overburden	NS	NS	Quarterly	☐	☐
CDW-D	Overburden	NS	NS	Quarterly	☐	☐
HF-1	Overburden	241.69	226.69	Monthly	☐	☐
HF-2	Overburden	233	228	Monthly	☐	☐
HF-27	Overburden	229.95	227.15	Monthly	☐	☐
HF-28	Overburden	229.27	222.27	Monthly	☐	☐
HF-29	Overburden	230.46	223.96	Monthly	☐	☐
HF-3	Overburden	228.65	218.65	Monthly	☐	☐
HF-30	Overburden	228.19	222.19	Monthly	☐	☐
HF-31	Overburden	227.92	222.92	Monthly	☐	☐
HF-32	Overburden	227.64	217.64	Monthly	☐	☐
HF-33	Overburden	226.02	223.52	Monthly	☐	☐
HF-34	Overburden	232.46	223.86	Monthly	☐	☐
HF-35	Overburden	232.88	229.38	Monthly	☐	☐
HF-36	Overburden	231.03	222.03	Monthly	☐	☐
HF-37	Overburden	214.66	209.66	Monthly	☐	☐
HF-4	Overburden	233.32	229.62	Monthly	☐	☐
HF-42	Overburden	234.86	231.66	Monthly	☐	☐
HF-43	Overburden	218.73	208.73	Monthly	☐	☐

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NODE_ID	Formation	Open Interval Elevation		WL Measurement Frequency	*DNAPL Monitoring	**Flow Rate Measurement
		Screen Top (NGVD)	Screen Bottom (NGVD)			
HF-44	Overburden	228.51	218.71	Monthly	☐	☐
HF-45	Overburden	229.01	219.21	Monthly	☐	☐
HF-46	Overburden	227.81	218.01	Monthly	☒	☐
HF-47	Overburden	227.09	217.29	Monthly	☐	☐
HF-48	Overburden	225.18	215.38	Monthly	☐	☐
HF-49	Overburden	237.67	233.67	Monthly	☐	☐
HF-5	Overburden	230.31	225.31	Monthly	☐	☐
HF-50	Overburden	220.88	215.08	Monthly	☒	☐
HF-60	Overburden	218.31	208.31	Monthly	☐	☐
HF-61	Overburden	227.07	219.07	Monthly	☒	☐
NM-11	Overburden	191.96	181.96	Monthly	☒	☐
P-135	Overburden	NS	NS	Quarterly	☐	☐
P-17	Overburden	226.87	225.37	Quarterly	☐	☐
P-18	Overburden	227.06	223.56	Quarterly	☐	☐
P-19	Overburden	226.74	225.04	Quarterly	☐	☐
P-2	Overburden	226.65	218.45	Quarterly	☒	☐
P-20	Overburden	226.99	224.69	Quarterly	☐	☐
P-21	Overburden	226.44	225.14	Quarterly	☐	☐
P-22	Overburden	226.65	225.05	Quarterly	☐	☐
P-23	Overburden	226.64	222.84	Quarterly	☐	☐
P-24	Overburden	226.53	221.43	Quarterly	☐	☐

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NODE_ID	Formation	Open Interval Elevation		WL Measurement Frequency	*DNAPL Monitoring	**Flow Rate Measurement
		Screen Top (NGVD)	Screen Bottom (NGVD)			
P-25	Overburden	226.31	223.91	Quarterly	☐	☐
P-26	Overburden	226.15	224.25	Quarterly	☐	☐
P-27	Overburden	226.62	220.22	Quarterly	☒	☐
P-28	Overburden	226.15	224.35	Quarterly	☐	☐
P-29	Overburden	NS	NS	Quarterly	☐	☐
P-2A	Overburden	NS	NS	Quarterly	☐	☐
P-37	Overburden	234.14	229.14	Quarterly	☐	☐
P-38	Overburden	234.24	232.14	Quarterly	☐	☐
P-39	Overburden	225.67	221.57	Quarterly	☐	☐
P-4	Overburden	232.74	227.95	Quarterly	☐	☐
P-40	Overburden	231.03	226.73	Quarterly	☐	☐
P-41	Overburden	231.35	217.05	Quarterly	☐	☐
P-42	Overburden	221.77	215.77	Quarterly	☐	☐
P-43	Overburden	233.53	221.83	Quarterly	☐	☐
P-44	Overburden	231	227	Quarterly	☐	☐
P-45	Overburden	230.84	225.84	Quarterly	☐	☐
P-46	Overburden	230.71	226.71	Quarterly	☐	☐
R-1	River Location	NS	NS	Hourly	☒	☐
R-4	River Location	NS	NS	Hourly	☐	☐
RW-3B	Overburden	230.71	225.71	Weekly	☒	☒
HF-16D	Upper Snake Hill Shale	206.01	199.01	Monthly	☐	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
HF-19D	Upper Snake Hill Shale	220.64	197.64	Monthly	☐	☐
HF-1D	Upper Snake Hill Shale	213.49	206.49	Monthly	☐	☐
HF-20D	Upper Snake Hill Shale	213.71	196.01	Monthly	☐	☐
HF-21B	Upper Snake Hill Shale	223.97	199.07	Monthly	☐	☐
HF-22B	Upper Snake Hill Shale	216.22	189.92	Weekly	☐	☐
HF-23BS	Upper Snake Hill Shale	215.57	186.57	Weekly	☐	☐
HF-24BS	Upper Snake Hill Shale	218.8	193.3	Weekly	☐	☐
HF-25B	Upper Snake Hill Shale	225.77	199.47	Monthly	☐	☐
HF-26BS	Upper Snake Hill Shale	223.58	197.08	Weekly	☐	☐
HF-38BS	Upper Snake Hill Shale	214.37	189.37	Hourly	☒	☐
HF-39BS	Upper Snake Hill Shale	228.13	197.63	Monthly	☐	☐
HF-40BS	Upper Snake Hill Shale	216.33	196.03	Monthly	☐	☐
HF-41BS	Upper Snake Hill Shale	208.3	193.5	Hourly	☐	☐
HF-45BS	Upper Snake Hill Shale	228.58	193.68	Monthly	☐	☐
HF-46BS	Upper Snake Hill Shale	221.17	192.07	Hourly	☒	☐
HF-4D	Upper Snake Hill Shale	208.2	200.2	Monthly	☒	☐
HF-51BD	Upper Snake Hill Shale	168.78	106.43	Weekly	☒	☐
HF-52BS	Upper Snake Hill Shale	208.65	195.51	Monthly	☐	☐
HF-53BS	Upper Snake Hill Shale	218.84	195.84	Monthly	☒	☐
HF-54BS	Upper Snake Hill Shale	221.27	195.27	Monthly	☒	☒
HF-55BS	Upper Snake Hill Shale	213.79	196.04	Monthly	☒	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
HF-56BS	Upper Snake Hill Shale	219.77	195.22	Monthly	☒	☐
HF-57BS	Upper Snake Hill Shale	223.95	195	Monthly	☒	☐
HF-5B	Upper Snake Hill Shale	223.38	207.33	Monthly	☒	☐
HF-64BS	Upper Snake Hill Shale	185.61	180.66	Weekly	☒	☐
HF-65BS	Upper Snake Hill Shale	188.2	183.15	Weekly	☒	☐
HF-68BS	Upper Snake Hill Shale	219.33	200.63	Hourly	☐	☐
HF-70BS	Upper Snake Hill Shale	188.8	177.1	Weekly	☒	☐
HF-72BS	Upper Snake Hill Shale	231.03	196.03	Weekly	☒	☐
HF-73BS	Upper Snake Hill Shale	225.81	201.11	Weekly	☒	☐
HF-74BS	Upper Snake Hill Shale	224.96	200.96	Weekly	☒	☐
HF-75BS	Upper Snake Hill Shale	224.91	187.91	Weekly	☒	☐
HF-76BS	Upper Snake Hill Shale	222.68	195.18	Weekly	☒	☐
HF-77BS	Upper Snake Hill Shale	214.9	194.7	Hourly	☐	☐
HF-9B	Upper Snake Hill Shale	225.86	209.76	Monthly	☒	☐
HF-9D	Upper Snake Hill Shale	222.02	215.02	Monthly	☐	☐
OS-215-01	Upper Snake Hill Shale	205.13	185.13	Hourly	☐	☐
OS-215-02	Upper Snake Hill Shale	175.13	160.13	Hourly	☐	☐
OS-215-03	Upper Snake Hill Shale	153.13	143.13	Hourly	☐	☐
OS-215-04	Upper Snake Hill Shale	130.13	115.13	Hourly	☐	☐
OS-316-01	Upper Snake Hill Shale	190.39	180.39	Monthly	☐	☐
OS-316-02	Upper Snake Hill Shale	160.39	150.39	Monthly	☐	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
OS-316-03	Upper Snake Hill Shale	140.39	130.39	Monthly	☐	☐
RW-1	Upper Snake Hill Shale	230.63	209.83	Weekly	☒	☒
RW-101	Upper Snake Hill Shale	217.47	111.97	Weekly	☒	☒
RW-103	Upper Snake Hill Shale	195.36	68.06	Weekly	☒	☒
RW-110	Upper Snake Hill Shale	215.03	92.23	Weekly	☒	☒
RW-2A	Upper Snake Hill Shale	221.24	206.24	Weekly	☒	☒
RW-2B	Upper Snake Hill Shale	218.17	203.17	Weekly	☒	☐
RW-3A	Upper Snake Hill Shale	221.81	201.11	Monthly	☐	☐
RW-4	Upper Snake Hill Shale	226.94	206.24	Monthly	☒	☒
RW-8	Upper Snake Hill Shale	216.69	185.89	Monthly	☒	☐
RW-9	Upper Snake Hill Shale	216.07	184.07	Monthly	☒	☐
HF-100BD	Middle Snake Hill Shale	149.62	129.37	Weekly	☒	☐
HF-107BD	Middle Snake Hill Shale	106.47	86.17001	Weekly	☒	☐
HF-19BD	Middle Snake Hill Shale	179.33	164.33	Weekly	☐	☐
HF-20BD	Middle Snake Hill Shale	165.02	131.7	Weekly	☐	☐
HF-22BD	Middle Snake Hill Shale	167.94	152.94	Weekly	☐	☐
HF-23BD	Middle Snake Hill Shale	162.29	146.89	Weekly	☒	☐
HF-24BD	Middle Snake Hill Shale	182.61	167.11	Weekly	☐	☐
HF-26BD	Middle Snake Hill Shale	161.21	146.21	Weekly	☐	☐
HF-38BD	Middle Snake Hill Shale	162.4	142.7	Weekly	☒	☐
HF-41BD	Middle Snake Hill Shale	180.27	113.77	Hourly	☒	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
HF-45BD	Middle Snake Hill Shale	184.2	117.3	Weekly	☒	☒
HF-46BD	Middle Snake Hill Shale	177.28	113.48	Hourly	☒	☐
HF-49BD	Middle Snake Hill Shale	163.31	104.36	Weekly	☒	☐
HF-50BD	Middle Snake Hill Shale	169.75	109.75	Weekly	☒	☐
HF-52BD	Middle Snake Hill Shale	173.54	121.84	Weekly	☐	☐
HF-53BD	Middle Snake Hill Shale	193.22	73.12	Weekly	☒	☐
HF-55BD	Middle Snake Hill Shale	195.9	69.39999	Weekly	☒	☐
HF-59BD	Middle Snake Hill Shale	183.13	113.13	Weekly	☒	☐
HF-62BD	Middle Snake Hill Shale	179.7	113.7	Weekly	☒	☐
HF-64BD	Middle Snake Hill Shale	182.32	109.12	Weekly	☒	☐
HF-66BD	Middle Snake Hill Shale	144.2	112.7	Weekly	☒	☐
HF-67BD	Middle Snake Hill Shale	196.44	112.94	Weekly	☒	☐
HF-68BD	Middle Snake Hill Shale	162.52	115.52	Hourly	☒	☐
HF-70BD	Middle Snake Hill Shale	180.15	142.15	Weekly	☒	☐
HF-71BD	Middle Snake Hill Shale	180.28	130.48	Weekly	☐	☐
HF-77BD	Middle Snake Hill Shale	168.2	148.2	Hourly	☐	☐
NM-11BD	Middle Snake Hill Shale	182.92	132.14	Weekly	☒	☐
OBG-1	Middle Snake Hill Shale	188.33	169.43	Weekly	☐	☒
OS-316-04	Middle Snake Hill Shale	118.39	100.39	Monthly	☐	☐
PW-1A	Middle Snake Hill Shale	196.597	181.597	Hourly	☐	☐
PW-1B	Middle Snake Hill Shale	141.639	126.639	Hourly	☐	☐

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NODE_ID	Formation	Open Interval Elevation		WL Measurement Frequency	*DNAPL Monitoring	**Flow Rate Measurement
		Screen Top (NGVD)	Screen Bottom (NGVD)			
PW-2A	Middle Snake Hill Shale	184.53	169.53	Hourly	☐	☐
PW-2B	Middle Snake Hill Shale	154.279	139.279	Hourly	☐	☐
RW-104	Middle Snake Hill Shale	177.22	96.17	Weekly	☒	☒
RW-105	Middle Snake Hill Shale	208.2	108.2	Weekly	☒	☒
RW-5	Middle Snake Hill Shale	230.43	225.43	Weekly	☒	☒
RW-6	Middle Snake Hill Shale	189.3	169.3	Weekly	☒	☒
RW-7	Middle Snake Hill Shale	189.17	169.17	Weekly	☒	☒
S-1H	Middle Snake Hill Shale	138.66	83.01	Weekly	☒	☐
S-2H	Middle Snake Hill Shale	135.88	102.38	Weekly	☒	☐
S-3H	Middle Snake Hill Shale	137.1	121.7	Weekly	☒	☐
T-1	Middle Snake Hill Shale	122.74	-166.46	Weekly	☒	☐
V-114	Middle Snake Hill Shale	187.515	108.015	Hourly	☐	☐
V-12BD	Middle Snake Hill Shale	119.37	58.7	Weekly	☐	☐
V-13BD	Middle Snake Hill Shale	127.31	69.81	Weekly	☐	☐
V-14BD	Middle Snake Hill Shale	185.37	105.87	Hourly	☐	☐
V-69BD	Middle Snake Hill Shale	174.56	114.56	Weekly	☒	☐
HF-101	Lower Snake Hill Shale	101.76	81.51001	Weekly	☐	☐
HF-102	Lower Snake Hill Shale	108.16	87.90999	Weekly	☒	☐
HF-103	Lower Snake Hill Shale	107.92	87.67	Weekly	☒	☐
HF-104	Lower Snake Hill Shale	107.44	87.14	Weekly	☐	☐
HF-106	Lower Snake Hill Shale	106.58	86.48	Weekly	☐	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
HF-108	Lower Snake Hill Shale	107.59	87.49001	Hourly	☒	☐
HF-109	Lower Snake Hill Shale	107.53	87.23001	Monthly	☐	☐
HF-110	Lower Snake Hill Shale	58.31	38.06	Weekly	☒	☐
HF-115	Lower Snake Hill Shale	40.12001	2.920013	Weekly	☒	☐
HF-117	Lower Snake Hill Shale	93.43	55.6	Hourly	☒	☐
HF-118	Lower Snake Hill Shale	13.48	-24.42	Hourly	☒	☐
HF-119	Lower Snake Hill Shale	-58.78	-120.06	Hourly	☒	☐
HF-121	Lower Snake Hill Shale	-29.34999	-66.34999	Hourly	☒	☐
HF-122	Lower Snake Hill Shale	106.55	76.25	Hourly	☒	☐
HF-138	Lower Snake Hill Shale	99.5	54	Hourly	☒	☐
HF-141	Lower Snake Hill Shale	100.41	80.36	Hourly	☐	☐
HF-145	Lower Snake Hill Shale	97.17999	77.78	Weekly	☐	☐
HF-146	Lower Snake Hill Shale	97.42999	77.73	Hourly	☒	☐
HF-151	Lower Snake Hill Shale	46.22	18.32001	Monthly	☒	☐
HF-177	Lower Snake Hill Shale	102.8	82.8	Hourly	☐	☐
HF-63BD	Lower Snake Hill Shale	180.58	131.58	Weekly	☒	☒
HF-65BD	Lower Snake Hill Shale	176.57	109.07	Weekly	☒	☒
NM-111	Lower Snake Hill Shale	101.56	81.66	Monthly	☒	☐
OS-215-05	Lower Snake Hill Shale	90.13	65.13	Hourly	☐	☐
OS-215-06	Lower Snake Hill Shale	55.13	45.13	Hourly	☐	☐
OS-215-07	Lower Snake Hill Shale	25.13	15.13	Hourly	☐	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
OS-215-08	Lower Snake Hill Shale	-9.869995	-19.87	Hourly	☐	☐
OS-215-09	Lower Snake Hill Shale	-54.87	-64.87	Hourly	☐	☐
OS-215-10	Lower Snake Hill Shale	-84.87	-102.87	Hourly	☐	☐
OS-316-05	Lower Snake Hill Shale	75.39001	60.39001	Monthly	☐	☐
OS-316-06	Lower Snake Hill Shale	47.39001	27.39001	Monthly	☐	☐
OS-316-07	Lower Snake Hill Shale	10.39001	-4.609985	Monthly	☐	☐
PW-1C	Lower Snake Hill Shale	91.657	76.657	Hourly	☐	☐
PW-1D	Lower Snake Hill Shale	31.683	16.683	Hourly	☐	☐
PW-2C	Lower Snake Hill Shale	82.286	67.286	Hourly	☐	☐
PW-2D	Lower Snake Hill Shale	24.28101	9.281006	Hourly	☐	☐
RW-100	Lower Snake Hill Shale	217.28	33.44	Weekly	☒	☒
RW-102	Lower Snake Hill Shale	186.39	110.89	Weekly	☒	☒
RW-106	Lower Snake Hill Shale	136.78	78.52	Weekly	☒	☒
RW-107	Lower Snake Hill Shale	136.63	77.68001	Weekly	☒	☒
RW-108	Lower Snake Hill Shale	136.31	77.96001	Weekly	☒	☐
RW-109	Lower Snake Hill Shale	136.15	78.09999	Weekly	☒	☒
S-1A	Lower Snake Hill Shale	133.16	77.36	Weekly	☒	☐
S-1V	Lower Snake Hill Shale	133.6	78.39999	Weekly	☒	☐
S-2A	Lower Snake Hill Shale	134.11	98.11	Weekly	☒	☐
S-2V	Lower Snake Hill Shale	134.23	97.82999	Weekly	☒	☐
S-3A	Lower Snake Hill Shale	133.89	118.29	Weekly	☒	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
S-3V	Lower Snake Hill Shale	133.69	118.19	Weekly	☒	☐
TT-1	Lower Snake Hill Shale	NS	NS	Quarterly	☐	☐
TT-2	Lower Snake Hill Shale	NS	NS	Quarterly	☐	☐
TT-3	Lower Snake Hill Shale	NS	NS	Quarterly	☐	☐
V-169	Lower Snake Hill Shale	114.6	79.60001	Hourly	☒	☐
HF-200	Glens Falls Limestone	-14.36501	-34.36501	Monthly	☐	☐
HF-201	Glens Falls Limestone	-7.634003	-27.83401	Monthly	☒	☐
HF-202	Glens Falls Limestone	-14.50999	-34.40999	Hourly	☒	☐
HF-205	Glens Falls Limestone	-9.160004	-31.16	Monthly	☐	☐
HF-207	Glens Falls Limestone	-2.960007	-24.20001	Monthly	☒	☐
HF-238	Glens Falls Limestone	-17.39999	-36.19998	Hourly	☐	☐
HF-246	Glens Falls Limestone	-17.10001	-37.10001	Hourly	☐	☐
HF-250	Glens Falls Limestone	14.87	-5.430008	Monthly	☒	☐
HF-277	Glens Falls Limestone	-10.8	-31.3	Hourly	☐	☐
NM-211	Glens Falls Limestone	26.14999	4.649994	Monthly	☒	☐
NM-214	Glens Falls Limestone	105.52	12.62	Monthly	☐	☐
OS-316-08	Glens Falls Limestone	-44.60999	-59.60999	Monthly	☐	☐
OS-316-09	Glens Falls Limestone	-84.60999	-94.60999	Monthly	☐	☐
PW-1E	Glens Falls Limestone	-38.36	-53.36	Hourly	☐	☐
PW-2E	Glens Falls Limestone	-20.735	-30.735	Hourly	☐	☐
PW-2F	Glens Falls Limestone	-55.68401	-70.68401	Hourly	☐	☐

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		Screen Top (NGVD)	Screen Bottom (NGVD)			
V-212	Glens Falls Limestone	-41.8	-61.50002	Weekly	☐	☐
V-213	Glens Falls Limestone	-45.69	-70.19	Monthly	☐	☐
V-214	Glens Falls Limestone	6.960007	-13.03999	Hourly	☐	☐
HF-303	Isle la Motte Limestone	-125.1	-179.3	Weekly	☐	☐
HF-305	Isle la Motte Limestone	-84.07001	-115.97	Monthly	☐	☐
HF-307	Isle la Motte Limestone	-64.44	-104.74	Monthly	☒	☐
NM-314	Isle la Motte Limestone	-47.26001	-76.56	Monthly	☐	☐
OS-316-10	Isle la Motte Limestone	-134.61	-149.61	Monthly	☐	☐
V-312	Isle la Motte Limestone	-105.63	-135.63	Monthly	☐	☐
V-313	Isle la Motte Limestone	-114.6	-195.1	Monthly	☐	☐

Notes:

*-A check mark Indicates the well is monitored for DNAPL.

**Indicates that the flow of the well is measured with a meter.

NS-No Screen present in the well.

Table 2-2 Annual DNAPL Recovery Rates 2005 through 2010

Location	2005	2006	2007	2008	2009	2010
	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)
BF-1BD	0.000	0.000	0.000	0.000	NC	NC
BF-2BD	0.002	0.005	0.001	NC	NC	NC
BF-3BD	0.000	0.000	0.000	0.000	NC	NC
BF-4BD	0.000	0.000	0.000	0.000	0.000	NC
Collection Pit	0.050	0.000	0.000	0.000	0.000	0.000
DCS-1	0.000	0.000	0.000	0.000	0.000	0.000
DCS-2	0.000	0.000	0.000	0.000	0.000	0.000
DCS-3	0.000	0.000	0.000	0.000	0.000	0.000
DCS-4	0.000	0.000	0.000	0.000	0.000	0.000
DCS-5	0.000	0.000	0.000	0.000	0.000	0.000
HF-4D	NC	NC	0.000	0.000	0.000	0.000
HF-5B	0.000	0.000	0.000	NC	0.000	0.000
HF-9B	0.000	0.000	0.000	0.000	0.000	0.000
HF-23BD	0.000	0.000	0.000	0.000	0.150	0.000
HF-38BD	0.000	0.000	0.000	0.165	0.000	0.000
HF-38BS	0.000	0.000	0.000	0.000	0.000	0.000
HF-41BD	0.935	0.000	0.000	0.000	0.100	0.000
HF-45BD	0.100	0.000	0.505	0.125	0.000	0.000
HF-46	0.000	0.000	0.000	0.000	0.000	0.000
HF-46BD	NC	0.000	0.000	0.000	0.000	0.000
HF-46BS	NC	0.000	0.000	0.000	0.000	0.000
HF-49BD	1.725	0.850	1.815	1.165	1.975	0.550
HF-50	NC	NC	0.000	0.000	0.000	0.000
HF-50BD	0.000	0.055	0.000	0.000	0.075	0.000
HF-51BD	0.495	0.285	0.475	0.000	0.475	0.000
HF-53BD	0.050	0.060	0.065	0.015	0.300	0.300
HF-54BS	16.000	25.725	20.080	13.825	11.200	5.775
HF-55BD	5.350	1.355	5.160	4.475	7.375	5.850
HF-55BS	0.000	0.000	0.865	0.350	0.200	0.020

Notes:

NC-Not Checked, location was not checked for DNAPL during this time period.

0.000-Location was checked and DNAPL was not quantifiable.

Table 2-2 Annual DNAPL Recovery Rates 2005 through 2010

Location	2005	2006	2007	2008	2009	2010
	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)
HF-56BS	0.075	0.000	0.135	0.250	0.040	0.020
HF-57BS	0.050	0.050	0.055	0.005	0.000	0.000
HF-59BD	2.025	0.070	1.175	0.620	24.735	3.785
HF-61	NC	NC	0.000	0.000	0.100	0.010
HF-62BD	2.280	1.471	6.089	1.665	5.520	1.615
HF-63BD	5.590	5.025	6.340	4.330	2.845	2.900
HF-64BD	0.000	0.000	0.000	0.000	0.000	0.000
HF-65BD	5.050	6.195	10.025	2.445	1.390	5.475
HF-65BS	0.000	0.000	0.000	0.000	0.000	0.000
HF-68BD	NC	NC	0.000	0.000	0.000	0.000
HF-68BS	0.010	0.000	0.000	0.000	0.000	0.000
HF-70BD	0.000	0.000	0.000	0.775	0.000	0.000
HF-70BS	0.000	0.000	0.000	0.175	0.000	0.000
HF-71BD	0.000	0.085	0.025	0.245	0.000	0.000
HF-72BS	0.025	0.500	0.555	0.450	0.425	0.000
HF-73BS	0.550	0.000	0.665	0.415	0.300	0.000
HF-74BS	0.770	0.100	0.310	1.105	1.125	0.460
HF-75BS	0.320	0.950	0.145	0.625	0.710	0.010
HF-76BS	0.300	0.685	0.155	0.350	1.925	2.750
HF-77BD	0.000	0.000	0.000	0.000	0.000	0.000
HF-77BS	0.000	0.000	0.000	0.000	0.000	0.000
HF-100BD	NC	NC	0.000	NC	NC	0.100
HF-102	0.060	0.000	0.720	0.370	0.650	2.350
HF-103	0.000	0.125	0.045	0.000	0.000	0.300
HF-107BD	0.000	0.000	0.000	0.000	0.000	0.250
HF-108	2.350	0.005	4.050	6.785	3.360	2.065
HF-110	0.000	0.000	0.000	0.000	0.000	0.000
HF-117	0.000	0.000	0.000	0.000	0.000	0.000
HF-118	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

NC-Not Checked, location was not checked for DNAPL during this time period.

0.000-Location was checked and DNAPL was not quantifiable.

Table 2-2 Annual DNAPL Recovery Rates 2005 through 2010

Location	2005	2006	2007	2008	2009	2010
	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)
HF-119	0.000	0.000	0.000	0.000	0.000	0.000
HF-121	0.000	0.000	0.000	0.000	0.000	0.000
HF-122	0.000	0.000	0.000	0.000	0.000	0.000
HF-138	0.000	0.000	0.000	0.000	0.000	0.000
HF-146	NC	0.000	0.000	0.000	0.000	0.000
HF-177	0.000	0.010	0.000	0.000	0.000	0.000
HF-201	28.100	27.750	24.400	1.750	3.550	13.000
HF-202	NC	NC	0.000	0.000	0.000	0.000
HF-207	0.050	0.000	0.000	0.000	0.200	0.000
HF-238	0.000	0.000	0.000	0.000	0.000	0.000
HF-246	0.000	0.000	0.000	0.000	0.000	0.000
HF-250	0.000	0.000	0.000	0.020	0.000	0.000
HF-277	0.000	0.000	0.000	0.000	0.000	0.000
Lower Raceway	0.015	0.000	0.000	0.020	0.050	0.005
NM-11	NC	NC	0.000	0.000	0.000	0.000
NM-11BD	NC	NC	0.000	0.000	0.000	0.000
NM-111	NC	NC	0.001	0.000	0.000	0.000
NM-211	NC	NC	0.000	0.000	0.000	0.000
O/W Sep	67.500	92.450	138.550	119.150	158.550	185.100
P-2	0.000	0.000	0.000	0.015	0.000	0.000
P-27	0.000	0.030	0.000	0.100	0.000	0.000
PH-1	NC	NC	NC	0.500	9.700	0.700
PH-2	NC	NC	NC	NC	NC	1.000
Poly Tank	0.250	0.000	0.000	0.000	0.000	0.000
RAD	0.000	0.100	0.000	0.000	0.000	0.000
RW-1	0.100	0.230	0.075	0.175	0.125	1.640
RW-2A	19.975	38.900	21.940	24.550	14.395	23.600
RW-2B	6.255	5.575	8.135	7.540	4.210	5.510
RW-3B	0.150	0.125	0.200	0.950	1.500	0.000

Notes:

NC-Not Checked, location was not checked for DNAPL during this time period.

0.000-Location was checked and DNAPL was not quantifiable.

Table 2-2 Annual DNAPL Recovery Rates 2005 through 2010

Location	2005	2006	2007	2008	2009	2010
	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)
RW-4	0.000	0.000	0.000	0.000	0.025	0.000
RW-5	0.000	0.000	0.000	0.015	0.320	0.000
RW-6	0.000	0.000	0.000	0.000	0.510	0.000
RW-7	0.000	0.000	0.000	0.000	0.400	0.000
RW-100	86.675	191.625	131.000	27.950	9.100	15.075
RW-101	0.000	0.000	0.150	0.075	0.000	0.050
RW-102	7.475	7.060	12.350	8.460	7.555	4.750
RW-103	108.525	55.825	2.975	152.750	16.205	7.000
RW-104	10.130	17.825	12.425	4.565	13.205	18.725
RW-105	447.100	393.825	172.600	261.255	134.275	87.075
RW-106	13.050	14.510	17.710	46.150	40.575	35.075
RW-107	5.555	5.815	9.450	11.100	2.695	3.575
RW-108	5.960	5.743	9.630	16.925	2.415	6.225
RW-109	10.480	7.045	10.410	17.045	1.000	1.765
RW-110	33.375	43.425	42.320	81.900	70.000	93.850
S-1	0.000	0.000	0.000	0.000	0.000	0.000
S-1A	8.700	3.970	5.150	3.070	35.750	17.325
S-1H	0.050	0.055	0.275	0.000	0.000	0.000
S-1V	0.100	0.925	0.425	0.925	0.500	0.350
S-2	0.000	0.000	0.000	0.000	0.000	0.000
S-2A	2.000	0.365	5.025	1.775	0.950	0.300
S-2H	0.000	0.000	0.000	0.000	0.000	0.000
S-2V	0.175	0.370	0.610	0.555	0.475	0.000
S-3	0.000	0.000	0.000	0.000	0.000	0.000
S-3A	0.600	0.290	0.600	0.540	0.250	0.000
S-3H	0.000	0.000	0.085	0.000	0.000	0.000
S-3V	6.320	3.943	8.985	8.620	7.040	2.390
S-4	0.000	0.000	0.000	0.000	0.000	0.000
S-5	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

NC-Not Checked, location was not checked for DNAPL during this time period.

0.000-Location was checked and DNAPL was not quantifiable.

Table 2-2 Annual DNAPL Recovery Rates 2005 through 2010

Location	2005	2006	2007	2008	2009	2010
	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)
S-6	0.000	0.000	0.000	0.000	0.000	0.000
S-7	0.000	0.000	0.000	0.000	0.000	0.000
S-8	0.000	0.000	0.000	0.000	0.000	0.000
S-9	0.000	0.000	0.000	0.000	0.000	0.000
S-10	0.000	0.000	0.000	0.000	0.000	0.000
S-11	0.000	0.000	0.000	0.000	0.000	0.000
S-12	0.000	0.000	0.000	0.000	0.000	0.000
S-13	0.000	0.000	NC	NC	NC	NC
S-14	0.000	0.000	NC	NC	NC	NC
S-15	0.000	0.000	0.000	NC	NC	NC
S-16	0.000	0.000	0.000	0.000	0.000	0.000
S-17	0.000	0.000	NC	NC	0.000	0.000
S-18	0.000	0.000	NC	NC	NC	NC
S-19	0.000	0.000	0.000	0.000	0.000	0.000
S-20	0.000	0.000	NC	0.000	NC	NC
S-21	0.000	0.000	NC	NC	0.000	0.000
S-22	0.000	0.000	0.000	0.000	0.000	0.000
S-23	0.000	0.000	0.000	0.000	0.000	0.000
S-24	0.000	0.000	0.000	0.000	0.000	0.000
S-25	0.000	0.000	0.000	0.000	0.000	0.000
S-26	0.000	0.000	0.000	0.000	0.000	0.000
S-27	0.000	0.000	0.000	0.000	0.000	0.000
S-28	0.000	0.000	0.000	0.000	0.000	0.000
S-29	0.000	0.000	0.000	0.000	0.000	0.000
S-31	0.000	0.000	0.000	0.000	0.000	0.000
S-32	0.000	0.000	0.000	0.000	0.000	0.000
S-33	0.000	0.000	0.000	0.000	0.000	0.000
S-30	0.000	0.000	0.000	0.000	0.000	0.000

Notes:

NC-Not Checked, location was not checked for DNAPL during this time period.

0.000-Location was checked and DNAPL was not quantifiable.

Table 2-2 Annual DNAPL Recovery Rates 2005 through 2010

Location	2005	2006	2007	2008	2009	2010
	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)	Total (L/yr)
S-34	0.000	0.000	0.000	0.000	0.000	0.000
S-35	0.000	0.000	0.000	0.000	0.000	0.000
S-45	0.000	0.000	0.000	0.000	0.000	0.000
S-46	0.000	0.000	0.000	0.000	0.000	0.000
S-47	0.000	0.000	0.000	0.000	0.000	0.000
S-48	0.000	0.000	0.000	0.000	0.000	0.000
S-49	0.000	0.000	0.000	0.000	0.000	0.000
Seep-6	0.825	0.662	0.695	0.745	0.550	0.658
Seep-7	0.275	0.000	0.000	0.095	0.015	NC
Seep-8	0.160	0.000	0.000	0.015	0.025	NC
Seep-10	0.014	0.015	0.000	0.006	0.000	0.000
Seep-11	0.000	0.000	0.000	0.013	0.000	0.000
Seep-12	0.000	0.000	0.000	0.003	0.000	0.000
SEEP-13	0.000	0.000	0.000	0.000	0.000	0.000
T-1	0.000	0.000	0.000	0.000	0.000	0.000
V-69BD	0.000	0.220	0.000	0.000	0.000	0.000
V-169	0.000	0.000	0.000	0.000	0.000	0.000
WD-2	0.002	0.000	0.000	0.000	0.000	0.000
WD-3	NC	NC	NC	NC	NC	0.000
WD-4	0.000	0.002	0.000	0.000	0.000	0.000
WD-5	0.007	0.000	0.000	0.000	0.000	0.000
WD-6	0.001	0.002	0.000	0.000	0.000	0.000
WD-7	0.000	NC	0.000	0.000	0.000	0.000
WD-8	0.004	0.000	0.000	0.000	0.000	0.000
WD-9	0.009	0.002	NC	NC	NC	NC
WD-10	NC	0.000	NC	NC	NC	NC
WD-13	0.002	NC	NC	NC	NC	NC
WD-31	0.000	NC	NC	NC	NC	NC
WD-32	0.000	NC	NC	NC	NC	NC
WD-34	0.000	NC	NC	NC	NC	NC
WD-36	0.001	0.000	NC	0.000	0.000	0.000

Notes:

NC-Not Checked, location was not checked for DNAPL during this time period.

0.000-Location was checked and DNAPL was not quantifiable.

Table 2-3 Monitoring Wells Sampled in 2010

HF-1	HF-49	OS-215-08
HF-101	HF-49BD	OS-215-09
HF-103	HF-52BS	OS-215-10
HF-104	HF-66BD	V-12BD
HF-106	HF-67BD	V-13BD
HF-109	HF-68BD	V-14BD
HF-115	HF-68BS	V-114
HF-138	HF-70BD	V-169
HF-141	HF-70BS	V-212
HF-145	HF-71BD	V-213
HF-146	HF-73BS	V-214
HF-16D	HF-77BD	V-312
HF-177	HF-77BS	V-313
HF-1D	NM-111	V-69BD
HF-200	NM-11BD	
HF-202	NM-211	
HF-205	PW-1A	
HF-207	PW-1B	
HF-20BD	PW-1C	
HF-21B	PW-1D	
HF-22B	PW-1E	
HF-22BD	PW-2A	
HF-238	PW-2B	
HF-23BS	PW-2C	
HF-246	PW-2D	
HF-24BD	PW-2E	
HF-24BS	PW-2F	
HF-250	OS-316-01	
HF-277	OS-316-03	
HF-3	OS-316-04	
HF-305	OS-316-05	
HF-307	OS-316-06	
HF-36	OS-316-08	
HF-38BS	OS-316-09	
HF-40BS	OS-316-10	
HF-41BD	OS-215-01	
HF-41BS	OS-215-02	
HF-43	OS-215-03	
HF-45BD	OS-215-04	
HF-45BS	OS-215-05	
HF-46BD	OS-215-06	
HF-46BS	OS-215-07	

Table 3-1 Hydraulic Gradient Summary - TDCS Piezometers

Location		Length Tunnel to Sensor (L)	Head (H)	Gradient Calculated Between	Delta L	Delta H	Hydraulic Gradient (i)
PZ-201	C B A tunnel	239	140.89				
		181	138.76				
		81	136.8				
		0	35				
				C-tunnel	239	105.89	0.443
				C-B	58	2.13	0.037
				B-tunnel	181	103.76	0.573
PZ-202	C B A tunnel			B-A	100	1.96	0.020
				A-tunnel	81	101.8	1.257
		287	107.36				
		190	107.6				
		53	99.41				
		0	35				
				C-tunnel	287	72.36	0.252
PZ-301	C B A tunnel			C-B	97	-0.24	-0.002
				B-tunnel	190	72.6	0.382
				B-A	137	8.19	0.060
				A-tunnel	53	64.41	1.215
		80	137.78				
		69	110.29				
		31	101				
	0	45					
				C-tunnel	80	92.78	1.160
				C-B	11	27.49	2.499
				B-tunnel	69	65.29	0.946
				B-A	38	9.29	0.244
				A-tunnel	31	56	1.806

Table 3-1 Hydraulic Gradient Summary - TDCS Piezometers

Location		Length Tunnel to Sensor (L)	Head (H)	Gradient Calculated Between	Delta L	Delta H	Hydraulic Gradient (i)
PZ-302							
	C	78	139.36				
	B	53	137.11				
	A	20	134.68				
	tunnel	0	50				
				C-tunnel	78	89.36	1.146
				C-B	25	2.25	0.090
PZ-303				B-tunnel	53	87.11	1.644
				B-A	33	2.43	0.074
				A-tunnel	20	84.68	4.234
	C	222	137.38				
	B	114	104.06				
	A	45	105.15				
	tunnel	0	50				
PZ-304				C-tunnel	222	87.38	0.394
				C-B	108	137.38	1.272
				B-tunnel	114	54.06	0.474
				B-A	69	-1.09	-0.016
				A-tunnel	45	55.15	1.226
	C	313	172.72				
	B	168	144.62				
PZ-304	A	30	144.56				
	tunnel	0	50				
				C-tunnel	313	122.72	0.392
				C-B	145	28.1	0.194
				B-tunnel	168	94.62	0.563
				B-A	138	0.06	0.000
				A-tunnel	30	94.56	3.152

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Bakers Falls	09/01/05	5210	1.25	0.09	0.035	0.002
Bakers Falls	09/06/05	3340	2.05	0.08	0.037	0.001
Bakers Falls	09/13/05	2540	2.65	0.22	0.036	0.003
Bakers Falls	09/20/05	2180	1.62	0.20	0.019	0.002
Bakers Falls	09/26/05	2600	1.47	0.15	0.021	0.002
Bakers Falls	10/03/05	2820	1.51	0.26	0.023	0.004
Bakers Falls	10/10/05	7340	1.21	0.12	0.048	0.005
Bakers Falls	10/18/05	7650	<1.1	0.05	0.045	0.002
Bakers Falls	10/24/05	8530	<1.07	0.01	0.049	0.000
Bakers Falls	10/31/05	8410	<0.77	0.04	0.035	0.002
Bakers Falls	11/07/05	8380	2	0.67	0.090	0.030
Bakers Falls	11/14/05	8600	<0.68	0.02	0.032	0.001
Bakers Falls	11/21/05	10100	<0.54	0.02	0.029	0.001
Bakers Falls	11/28/05	8470	<0.46	0.04	0.021	0.002
Bakers Falls	12/08/05	8880	<0.69	0.23	0.033	0.011
Bakers Falls	12/21/05	7130	<0.49	0.10	0.019	0.004
Bakers Falls	12/29/05	7700	<0.6	0.07	0.025	0.003
Bakers Falls	01/04/06	7630	1.51	0.24	0.062	0.010
Bakers Falls	01/10/06	6820	<0.61	0.01	0.023	0.000
Bakers Falls	01/19/06	18100	<0.75	0.22	0.073	0.021
Bakers Falls	01/26/06	7710	<0.51	0.04	0.021	0.001
Bakers Falls	01/31/06	7890	<0.53	0.00	0.022	0.000
Bakers Falls	02/08/06	11400	<0.67	0.19	0.041	0.012
Bakers Falls	03/10/06	6680	<0.83	0.09	0.030	0.003
Bakers Falls	03/17/06	8240	<0.82	0.04	0.036	0.002
Bakers Falls	03/24/06	6620	<0.67	0.05	0.024	0.002
Bakers Falls	03/31/06	3720	<0.83	0.09	0.017	0.002
Bakers Falls	04/06/06	7070	<0.68	0.05	0.026	0.002
Bakers Falls	04/11/06	6340	<0.68	0.01	0.023	0.000
Bakers Falls	04/18/06	5370	<0.67	0.05	0.019	0.001
Bakers Falls	04/28/06	10600	<1.09	0.00	0.062	0.000
Bakers Falls	05/01/06	8880	<1.06	0.02	0.051	0.001
Bakers Falls	05/09/06	3020	<0.65	0.09	0.011	0.001

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Bakers Falls	05/16/06	12700	<0.64	0.05	0.044	0.004
Bakers Falls	05/22/06	11900	<0.44	0.00	0.028	0.000
Bakers Falls	06/01/06	8260	<0.66	0.03	0.029	0.002
Bakers Falls	06/08/06	10900	<0.54	0.05	0.032	0.003
Bakers Falls	06/15/06	7880	<1.07	0.21	0.045	0.009
Bakers Falls	06/21/06	6420	<0.06	0.06	0.002	0.002
Bakers Falls	06/29/06	29400	<1.53	0.38	0.243	0.060
Bakers Falls	07/07/06	9530	<1.28	0.06	0.066	0.003
Bakers Falls	07/11/06	8160	<1.07	0.11	0.047	0.005
Bakers Falls	07/19/06	7520	<1.18	0.01	0.048	0.000
Bakers Falls	07/26/06	7810	1.33	0.11	0.056	0.005
Bakers Falls	08/02/06	7960	<1.41	0.14	0.061	0.006
Bakers Falls	08/10/06	5880	1.17	0.07	0.037	0.002
Bakers Falls	08/14/06	2730	1.43	0.03	0.021	0.001
Bakers Falls	08/24/06	2070	<1.93	0.24	0.022	0.003
Bakers Falls	08/31/06	2960	1.6	0.19	0.026	0.003
Bakers Falls	09/05/06	2450	<1.9	0.17	0.025	0.002
Bakers Falls	09/11/06	2110	1.8	0.07	0.020	0.001
Bakers Falls	09/18/06	2770	1.68	0.19	0.025	0.003
Bakers Falls	09/27/06	1940	1.15	0.09	0.012	0.001
Bakers Falls	10/02/06	4580	<1.12	0.10	0.028	0.003
Bakers Falls	10/13/06	3460	1.32	0.03	0.025	0.001
Bakers Falls	10/18/06	4820	1.57	0.32	0.041	0.008
Bakers Falls	10/25/06	8010	<0.7	0.06	0.030	0.003
Bakers Falls	11/01/06	9970	<0.59	0.03	0.032	0.002
Bakers Falls	11/06/06	8070	<0.74	0.08	0.032	0.003
Bakers Falls	11/13/06	8450	<0.93	0.21	0.042	0.009
Bakers Falls	11/21/06	15300	<0.86	0.33	0.071	0.027
Bakers Falls	11/28/06	8590	<0.8	0.20	0.037	0.009
Bakers Falls	12/05/06	9290	<0.87	0.14	0.043	0.007
Bakers Falls	12/12/06	8170	<0.56	0.09	0.025	0.004
Bakers Falls	12/20/06	7870	<0.46	0.06	0.019	0.003
Bakers Falls	12/29/06	7980	<0.68	0.13	0.029	0.006

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Bakers Falls	01/02/07	8580	<0.62	0.05	0.029	0.002
Bakers Falls	01/11/07	15100	<0.39	0.04	0.032	0.004
Bakers Falls	01/18/07	12000	<0.73	0.39	0.047	0.025
Bakers Falls	01/23/07	11000	<1.18	0.08	0.070	0.005
Bakers Falls	03/22/07	5130	<0.12	0.04	0.003	0.001
Bakers Falls	03/28/07	8540	<0.52	0.04	0.024	0.002
Bakers Falls	04/05/07	10200	<0.49	0.04	0.027	0.002
Bakers Falls	04/11/07	5000	<0.72	0.21	0.019	0.006
Bakers Falls	04/19/07	11000	<0.54	0.09	0.032	0.005
Bakers Falls	04/24/07	23800	<0.33	0.01	0.043	0.001
Bakers Falls	05/02/07	17100	<0.39	0.03	0.036	0.002
Bakers Falls	05/09/07	9400	<1.12	0.18	0.057	0.009
Bakers Falls	05/14/07	7600	<1.01	0.18	0.041	0.007
Bakers Falls	05/22/07	7500	<1.16	0.12	0.047	0.005
Bakers Falls	05/29/07	2900	1.08	0.05	0.017	0.001
Bakers Falls	06/07/07	2800	<1.14	0.09	0.017	0.001
Bakers Falls	06/14/07	2300	1.27	0.15	0.016	0.002
Bakers Falls	06/20/07	2740	<0.84	0.06	0.012	0.001
Bakers Falls	06/25/07	2800	<0.84	0.13	0.013	0.002
Bakers Falls	07/03/07	2170	<0.82	0.00	0.010	0.000
Bakers Falls	07/13/07	2810	1.62	0.37	0.024	0.006
Bakers Falls	07/18/07	2440	1.74	0.28	0.023	0.004
Bakers Falls	07/26/07	2530	<0.3	0.05	0.004	0.001
Bakers Falls	07/30/07	2470	1.43	0.15	0.019	0.002
Bakers Falls	08/10/07	2320	1.72	0.21	0.022	0.003
Bakers Falls	08/15/07	2300	1.97	0.33	0.024	0.004
Bakers Falls	08/22/07	1970	1.38	0.11	0.015	0.001
Bakers Falls	08/28/07	2240	1.79	0.11	0.022	0.001
Bakers Falls	09/06/07	1930	1.73	0.05	0.018	0.001
Bakers Falls	09/12/07	2040	2.2	0.19	0.024	0.002
Bakers Falls	09/21/07	1900	1.66	0.09	0.017	0.001
Bakers Falls	09/26/07	2030	1.6	0.06	0.018	0.001
Bakers Falls	10/04/07	2030	1.81	0.08	0.020	0.001

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Bakers Falls	10/08/07	2220	1.72	0.10	0.021	0.001
Bakers Falls	10/18/07	2410	1.98	0.13	0.026	0.002
Bakers Falls	10/25/07	4450	1.91	0.12	0.046	0.003
Bakers Falls	11/01/07	2990	2.09	0.36	0.034	0.006
Bakers Falls	11/07/07	3000	1.4	0.08	0.023	0.001
Bakers Falls	11/14/07	2590	1.13	0.18	0.016	0.003
Bakers Falls	11/19/07	5820	1.07	0.23	0.034	0.007
Bakers Falls	11/30/07	7520	<1.69	0.50	0.069	0.020
Bakers Falls	12/05/07	6950	<0.82	0.28	0.031	0.010
Bakers Falls	12/10/07	5280	<0.93	0.37	0.026	0.011
Bakers Falls	01/14/08	8600	<0.64	0.25	0.030	0.012
Bakers Falls	03/28/08	8870	1.67	1.09	0.080	0.052
Bakers Falls	04/02/08	9660	<1.2	0.43	0.062	0.022
Bakers Falls	04/11/08	24000	<0.76	0.30	0.098	0.038
Bakers Falls	04/17/08	22000	<0.67	0.15	0.080	0.018
Bakers Falls	04/22/08	25200	<0.71	0.26	0.097	0.036
Bakers Falls	05/01/08	22600	<0.53	0.13	0.064	0.015
Bakers Falls	05/07/08	8220	<0.28	0.02	0.013	0.001
Bakers Falls	05/13/08	7160	<0.67	0.10	0.026	0.004
Bakers Falls	05/21/08	2730	<0.99	0.20	0.015	0.003
Bakers Falls	05/30/08	2580	<0.91	0.19	0.013	0.003
Bakers Falls	06/03/08	2320	1.14	0.24	0.014	0.003
Bakers Falls	06/11/08	2520	1.14	0.15	0.016	0.002
Bakers Falls	06/18/08	2610	<1.2	0.23	0.017	0.003
Bakers Falls	06/24/08	2780	<0.5	0.25	0.008	0.004
Bakers Falls	07/02/08	3350	1.23	0.31	0.022	0.006
Bakers Falls	07/09/08	2350	1.55	0.29	0.020	0.004
Bakers Falls	07/16/08	3340	1.74	0.61	0.031	0.011
Bakers Falls	07/22/08	5360	1.59	0.15	0.046	0.004
Bakers Falls	07/30/08	7440	1.09	0.06	0.044	0.002
Bakers Falls	08/05/08	4300	1.37	0.02	0.032	0.000
Bakers Falls	08/12/08	7800	<1.46	0.02	0.061	0.001
Bakers Falls	08/20/08	6390	1.28	0.02	0.044	0.001

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Bakers Falls	08/29/08	4120	1.72	0.01	0.038	0.000
Bakers Falls	09/05/08	2710	2	0.23	0.029	0.003
Bakers Falls	09/08/08	2680	1.78	0.10	0.026	0.002
Bakers Falls	10/21/08	2860	2.85	1.42	0.044	0.022
Bakers Falls	11/18/08	7330	<1.2	0.14	0.047	0.006
Bakers Falls	03/13/09	6560	2.76	1.56	0.098	0.055
Bakers Falls	04/06/09	11900	<1.54	0.60	0.099	0.038
Bakers Falls	05/28/09	6740	<1.69	0.14	0.061	0.005
Bakers Falls	06/26/09	7720	1.13	0.26	0.047	0.011
Bakers Falls	07/30/09	4220	1.91	0.51	0.043	0.012
Bakers Falls	08/25/09	3540	1.54	0.37	0.029	0.007
Bakers Falls	09/30/09	4190	1.79	0.61	0.040	0.014
Bakers Falls	10/29/09	8990	1.24	0.18	0.060	0.009
Bakers Falls	11/18/09	6770	1.77	0.69	0.065	0.025
Bakers Falls	12/16/09	7440	1.24	0.42	0.050	0.017
Bakers Falls	01/28/10	6650	1.13	0.20	0.040	0.007
Bakers Falls	03/16/10	7510	1.21	0.31	0.049	0.013
Bakers Falls	04/27/10	5230	1.77	1.04	0.050	0.029
Bakers Falls	05/24/10	2780	1.24	0.34	0.019	0.005
Bakers Falls	06/18/10	3170	1.43	0.47	0.024	0.008
Bakers Falls	07/27/10	2830	1.54	0.41	0.023	0.006
Bakers Falls	08/12/10	2550	1.48	0.19	0.020	0.003
Bakers Falls	09/08/10	2440	1.69	0.22	0.022	0.003
Bakers Falls	10/27/10	8170	1.23	0.50	0.054	0.022
Bakers Falls	11/16/10	7520	1.46	0.51	0.059	0.021
Boat Launch	09/06/05	NA	48	44.54	NA	NA
Boat Launch	09/12/05	NA	22.9	17.74	NA	NA
Boat Launch	09/19/05	NA	14.7	12.8	NA	NA
Boat Launch	09/26/05	NA	12.7	9.98	NA	NA
Boat Launch	10/03/05	NA	13.5	22.05	NA	NA
Boat Launch	10/11/05	NA	<9.34	6.97	NA	NA
Boat Launch	10/17/05	NA	58.9	52.78	NA	NA
Boat Launch	10/24/05	NA	18.2	14.75	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	10/31/05	NA	<9.34	3.42	NA	NA
Boat Launch	11/07/05	NA	17	15.14	NA	NA
Boat Launch	11/14/05	NA	<9.34	2.81	NA	NA
Boat Launch	11/17/05	NA	19.1	17.84	NA	NA
Boat Launch	11/21/05	NA	<9.34	4.44	NA	NA
Boat Launch	11/28/05	NA	16.3	14.37	NA	NA
Boat Launch	12/05/05	NA	<9.34	5.11	NA	NA
Boat Launch	12/12/05	NA	<9.34	3.15	NA	NA
Boat Launch	12/19/05	NA	20.2	18.77	NA	NA
Boat Launch	12/27/05	NA	<9.34	6.82	NA	NA
Boat Launch	01/03/06	NA	13.3	11.34	NA	NA
Boat Launch	01/09/06	NA	27.9	23.68	NA	NA
Boat Launch	01/16/06	NA	9.67	7.71	NA	NA
Boat Launch	01/23/06	NA	9.62	8.97	NA	NA
Boat Launch	01/30/06	NA	32.8	28.14	NA	NA
Boat Launch	02/06/06	NA	<9.34	7.25	NA	NA
Boat Launch	02/13/06	NA	<9.34	4.22	NA	NA
Boat Launch	02/20/06	NA	20.9	18.62	NA	NA
Boat Launch	02/27/06	NA	26.9	23.31	NA	NA
Boat Launch	03/06/06	NA	15.7	12.82	NA	NA
Boat Launch	03/13/06	NA	43.2	36.8	NA	NA
Boat Launch	03/20/06	NA	<9.34	7.43	NA	NA
Boat Launch	03/27/06	NA	14	11.52	NA	NA
Boat Launch	04/03/06	NA	16.8	14.47	NA	NA
Boat Launch	04/10/06	NA	13.2	12.06	NA	NA
Boat Launch	04/17/06	NA	<9.34	5.68	NA	NA
Boat Launch	04/24/06	NA	<9.34	2.58	NA	NA
Boat Launch	05/01/06	NA	22.9	19.39	NA	NA
Boat Launch	05/08/06	NA	<9.34	1.53	NA	NA
Boat Launch	05/15/06	NA	33.6	28.91	NA	NA
Boat Launch	05/22/06	NA	<9.34	3.74	NA	NA
Boat Launch	05/30/06	NA	18.3	16.2	NA	NA
Boat Launch	06/05/06	NA	13.4	11.71	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	06/12/06	NA	15.3	12.08	NA	NA
Boat Launch	06/19/06	NA	<9.34	5.1	NA	NA
Boat Launch	06/26/06	NA	65.3	59.57	NA	NA
Boat Launch	07/10/06	NA	17.9	15.19	NA	NA
Boat Launch	07/17/06	NA	18.6	15.6	NA	NA
Boat Launch	07/24/06	NA	29.2	23.55	NA	NA
Boat Launch	07/31/06	NA	<9.34	2.03	NA	NA
Boat Launch	08/07/06	NA	<9.34	5.42	NA	NA
Boat Launch	08/14/06	NA	19.1	15.31	NA	NA
Boat Launch	08/21/06	NA	27.2	18.22	NA	NA
Boat Launch	08/28/06	NA	<9.34	4.78	NA	NA
Boat Launch	09/05/06	NA	28.6	19.58	NA	NA
Boat Launch	09/11/06	NA	<9.34	2.65	NA	NA
Boat Launch	09/18/06	NA	11.2	8.92	NA	NA
Boat Launch	09/25/06	NA	9.69	7.57	NA	NA
Boat Launch	10/02/06	NA	17.1	14.82	NA	NA
Boat Launch	10/09/06	NA	11.3	9.4	NA	NA
Boat Launch	10/16/06	NA	17.4	14.48	NA	NA
Boat Launch	10/23/06	NA	12.1	9.91	NA	NA
Boat Launch	11/06/06	NA	<9.34	7.48	NA	NA
Boat Launch	11/13/06	NA	<9.34	4.91	NA	NA
Boat Launch	11/17/06	NA	16.2	14.09	NA	NA
Boat Launch	11/20/06	NA	111	107.15	NA	NA
Boat Launch	11/27/06	NA	12.9	11.6	NA	NA
Boat Launch	12/04/06	NA	11.2	9.34	NA	NA
Boat Launch	12/11/06	NA	<9.34	4.77	NA	NA
Boat Launch	12/18/06	NA	<9.34	6.16	NA	NA
Boat Launch	12/28/06	NA	9.68	8.24	NA	NA
Boat Launch	01/03/07	NA	17.4	14.41	NA	NA
Boat Launch	01/08/07	NA	17.6	15.99	NA	NA
Boat Launch	01/16/07	NA	<9.34	7.84	NA	NA
Boat Launch	01/22/07	NA	10	6.9	NA	NA
Boat Launch	01/29/07	NA	18	14.41	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	02/05/07	NA	29.6	27.45	NA	NA
Boat Launch	02/12/07	NA	20.4	18.35	NA	NA
Boat Launch	02/20/07	NA	12	10.69	NA	NA
Boat Launch	02/26/07	NA	11.8	10.05	NA	NA
Boat Launch	03/06/07	NA	69.2	65.1	NA	NA
Boat Launch	03/12/07	NA	11.1	8.77	NA	NA
Boat Launch	03/20/07	NA	30.4	25.66	NA	NA
Boat Launch	03/26/07	NA	22.7	19.73	NA	NA
Boat Launch	04/02/07	NA	25.6	22.38	NA	NA
Boat Launch	04/09/07	NA	33.5	29.95	NA	NA
Boat Launch	04/16/07	NA	128	110.33	NA	NA
Boat Launch	04/30/07	NA	19.2	16.42	NA	NA
Boat Launch	05/07/07	NA	9.7	8.41	NA	NA
Boat Launch	05/14/07	NA	<9.34	4.2	NA	NA
Boat Launch	05/21/07	NA	43.3	36.21	NA	NA
Boat Launch	05/29/07	NA	<9.34	7.25	NA	NA
Boat Launch	06/04/07	NA	17.5	14.58	NA	NA
Boat Launch	06/11/07	NA	29.4	24.17	NA	NA
Boat Launch	06/19/07	NA	22.1	19.46	NA	NA
Boat Launch	06/26/07	NA	23.1	19.73	NA	NA
Boat Launch	07/03/07	NA	16.1	10.47	NA	NA
Boat Launch	07/10/07	NA	36.6	31.88	NA	NA
Boat Launch	07/17/07	NA	23.6	21.86	NA	NA
Boat Launch	07/24/07	NA	15.8	14.35	NA	NA
Boat Launch	07/31/07	NA	26.7	22.73	NA	NA
Boat Launch	08/07/07	NA	13	10.6	NA	NA
Boat Launch	08/14/07	NA	<9.34	3.38	NA	NA
Boat Launch	08/21/07	NA	<9.34	4.81	NA	NA
Boat Launch	08/28/07	NA	27	24.45	NA	NA
Boat Launch	09/04/07	NA	29.5	22.13	NA	NA
Boat Launch	09/11/07	NA	66.5	50.13	NA	NA
Boat Launch	09/18/07	NA	<9.34	3.97	NA	NA
Boat Launch	09/25/07	NA	40.7	33.24	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	10/02/07	NA	21.4	14.63	NA	NA
Boat Launch	10/09/07	NA	15.1	12.1	NA	NA
Boat Launch	10/16/07	NA	18.1	13.42	NA	NA
Boat Launch	10/23/07	NA	13.8	10.35	NA	NA
Boat Launch	10/30/07	NA	56.8	52.32	NA	NA
Boat Launch	11/06/07	NA	18.5	15.42	NA	NA
Boat Launch	11/13/07	NA	13.2	9.43	NA	NA
Boat Launch	11/20/07	NA	13.2	9.67	NA	NA
Boat Launch	11/27/07	NA	13.4	9.6	NA	NA
Boat Launch	12/04/07	NA	17.1	15.12	NA	NA
Boat Launch	12/11/07	NA	21.8	17	NA	NA
Boat Launch	12/18/07	NA	10	8.36	NA	NA
Boat Launch	12/27/07	NA	15.7	13.2	NA	NA
Boat Launch	01/01/08	NA	13.9	11.89	NA	NA
Boat Launch	01/08/08	NA	30	25.17	NA	NA
Boat Launch	01/15/08	NA	24	20.18	NA	NA
Boat Launch	01/22/08	NA	52.9	43.83	NA	NA
Boat Launch	01/28/08	NA	12.3	9.91	NA	NA
Boat Launch	02/05/08	NA	60.9	49.3	NA	NA
Boat Launch	02/12/08	NA	23.6	19.04	NA	NA
Boat Launch	02/19/08	NA	49.3	42.28	NA	NA
Boat Launch	02/26/08	NA	20.8	16.44	NA	NA
Boat Launch	03/04/08	NA	60.4	53.06	NA	NA
Boat Launch	03/11/08	NA	22.3	20.24	NA	NA
Boat Launch	03/18/08	NA	21.5	19.12	NA	NA
Boat Launch	03/25/08	NA	41.2	35.84	NA	NA
Boat Launch	04/01/08	NA	34.2	28.49	NA	NA
Boat Launch	04/08/08	NA	18.1	15.47	NA	NA
Boat Launch	04/15/08	NA	<9.34	4.1	NA	NA
Boat Launch	04/22/08	NA	87.9	73.53	NA	NA
Boat Launch	04/29/08	NA	33.7	30.63	NA	NA
Boat Launch	05/06/08	NA	40.5	37.79	NA	NA
Boat Launch	05/13/08	NA	20.9	18.85	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	05/20/08	NA	23	9.47	NA	NA
Boat Launch	05/27/08	NA	33.2	26.96	NA	NA
Boat Launch	06/03/08	NA	15.6	12.48	NA	NA
Boat Launch	06/10/08	NA	73.3	65.12	NA	NA
Boat Launch	06/17/08	NA	13.8	11.33	NA	NA
Boat Launch	06/25/08	NA	10.2	8.72	NA	NA
Boat Launch	07/01/08	NA	34.6	29.66	NA	NA
Boat Launch	07/10/08	NA	24.9	19.02	NA	NA
Boat Launch	07/15/08	NA	182*	140.89*	NA	NA
Boat Launch	07/22/08	NA	34	28.8	NA	NA
Boat Launch	07/29/08	NA	28.5	24.16	NA	NA
Boat Launch	08/05/08	NA	25.8	21.28	NA	NA
Boat Launch	08/12/08	NA	26.5	21.13	NA	NA
Boat Launch	08/19/08	NA	149	137.24	NA	NA
Boat Launch	08/26/08	NA	93.8	69.03	NA	NA
Boat Launch	09/02/08	NA	75.8	57.83	NA	NA
Boat Launch	09/09/08	NA	28.6	23	NA	NA
Boat Launch	09/15/08	NA	21.6	16.82	NA	NA
Boat Launch	09/25/08	NA	22.3	16.97	NA	NA
Boat Launch	10/02/08	NA	20.7	15.53	NA	NA
Boat Launch	10/09/08	NA	26	19.27	NA	NA
Boat Launch	10/14/08	NA	137	121.07	NA	NA
Boat Launch	10/20/08	NA	43.7	33.33	NA	NA
Boat Launch	10/29/08	NA	16.6	12.87	NA	NA
Boat Launch	11/04/08	NA	18.2	13.88	NA	NA
Boat Launch	11/11/08	NA	16.6	13.67	NA	NA
Boat Launch	11/17/08	NA	14.5	12.28	NA	NA
Boat Launch	11/24/08	NA	<9.34	4.76	NA	NA
Boat Launch	12/02/08	NA	149	118.92	NA	NA
Boat Launch	12/09/08	NA	34.6	25.16	NA	NA
Boat Launch	12/16/08	NA	39	34.07	NA	NA
Boat Launch	12/23/08	NA	<9.34	0.37	NA	NA
Boat Launch	12/31/08	NA	13.2	11.15	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	01/08/09	NA	15.6	10.42	NA	NA
Boat Launch	01/12/09	NA	<9.34	5.55	NA	NA
Boat Launch	01/20/09	NA	23.4	20.13	NA	NA
Boat Launch	02/03/09	NA	17.6	13.05	NA	NA
Boat Launch	02/10/09	NA	22.5	16.69	NA	NA
Boat Launch	02/17/09	NA	72.6	53.09	NA	NA
Boat Launch	02/24/09	NA	40.3	34.4	NA	NA
Boat Launch	03/03/09	NA	302*	232.47*	NA	NA
Boat Launch	03/10/09	NA	65.3	60.01	NA	NA
Boat Launch	03/17/09	NA	34.3	28.35	NA	NA
Boat Launch	03/24/09	NA	35.8	31.32	NA	NA
Boat Launch	04/01/09	NA	140	132.28	NA	NA
Boat Launch	04/06/09	NA	20.2	18.27	NA	NA
Boat Launch	04/14/09	NA	11.9	10.25	NA	NA
Boat Launch	04/21/09	NA	40.7	34.41	NA	NA
Boat Launch	04/27/09	NA	97.2	92.64	NA	NA
Boat Launch	05/04/09	NA	13.8	12.16	NA	NA
Boat Launch	05/12/09	NA	17.4	14.54	NA	NA
Boat Launch	05/18/09	NA	99.1	94.15	NA	NA
Boat Launch	05/26/09	NA	23	20.76	NA	NA
Boat Launch	06/01/09	NA	<7.14	4.09	NA	NA
Boat Launch	06/08/09	NA	80.9	78.75	NA	NA
Boat Launch	06/23/09	NA	13.2	11.38	NA	NA
Boat Launch	07/01/09	NA	11.3	9.44	NA	NA
Boat Launch	07/07/09	NA	<9.19	7.46	NA	NA
Boat Launch	07/13/09	NA	16.9	14.68	NA	NA
Boat Launch	07/21/09	NA	23.7	21.4	NA	NA
Boat Launch	07/28/09	NA	40.5	36.47	NA	NA
Boat Launch	08/04/09	NA	16.5	14.95	NA	NA
Boat Launch	08/11/09	NA	47.1	44.14	NA	NA
Boat Launch	08/18/09	NA	11.2	9.48	NA	NA
Boat Launch	08/25/09	NA	12.3	11.24	NA	NA
Boat Launch	09/01/09	NA	21.4	16.92	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	09/08/09	NA	11.9	9.66	NA	NA
Boat Launch	09/14/09	NA	<7.56	5.71	NA	NA
Boat Launch	09/21/09	NA	47.6	42.77	NA	NA
Boat Launch	09/30/09	NA	14.3	12.81	NA	NA
Boat Launch	10/06/09	NA	<7.25	4.26	NA	NA
Boat Launch	10/13/09	NA	67.3	63.66	NA	NA
Boat Launch	10/20/09	NA	72.2	65.57	NA	NA
Boat Launch	10/26/09	NA	24.1	22.05	NA	NA
Boat Launch	11/03/09	NA	22.8	21.64	NA	NA
Boat Launch	11/10/09	NA	<8.25	6.77	NA	NA
Boat Launch	11/17/09	NA	138*	131.19*	NA	NA
Boat Launch	11/23/09	NA	24.3	23.02	NA	NA
Boat Launch	12/01/09	NA	<7.61	6.11	NA	NA
Boat Launch	12/08/09	NA	<7.14	2	NA	NA
Boat Launch	12/15/09	NA	33.3	32.14	NA	NA
Boat Launch	12/22/09	NA	<7.14	5.25	NA	NA
Boat Launch	12/29/09	NA	229*	209.98*	NA	NA
Boat Launch	01/05/10	NA	56.4	53.21	NA	NA
Boat Launch	01/12/10	NA	20.9	19.45	NA	NA
Boat Launch	01/19/10	NA	51.3	48.58	NA	NA
Boat Launch	01/26/10	NA	<7.92	6.7	NA	NA
Boat Launch	02/02/10	NA	<7.14	4.24	NA	NA
Boat Launch	02/10/10	NA	23.2	21.02	NA	NA
Boat Launch	02/16/10	NA	<7.14	3.29	NA	NA
Boat Launch	02/22/10	NA	<7.25	3.75	NA	NA
Boat Launch	03/02/10	NA	12.3	9.65	NA	NA
Boat Launch	03/09/10	NA	14.3	12.71	NA	NA
Boat Launch	03/16/10	NA	27.2	24.01	NA	NA
Boat Launch	03/24/10	NA	20.9	18.32	NA	NA
Boat Launch	03/31/10	NA	17	15.61	NA	NA
Boat Launch	04/07/10	NA	15.8	14.77	NA	NA
Boat Launch	04/14/10	NA	53.7	49.32	NA	NA
Boat Launch	04/20/10	NA	188*	184.49*	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	04/28/10	NA	<7.25	3.55	NA	NA
Boat Launch	05/05/10	NA	44.9	40.35	NA	NA
Boat Launch	05/12/10	NA	<8.16	7.09	NA	NA
Boat Launch	05/18/10	NA	17.7	15.46	NA	NA
Boat Launch	05/26/10	NA	40.2	36.72	NA	NA
Boat Launch	06/02/10	NA	49.8	48.15	NA	NA
Boat Launch	06/09/10	NA	11.9	10.65	NA	NA
Boat Launch	06/16/10	NA	13	11.01	NA	NA
Boat Launch	06/23/10	NA	13.2	10.06	NA	NA
Boat Launch	06/30/10	NA	<7.6	1.69	NA	NA
Boat Launch	07/07/10	NA	37.8	26.5	NA	NA
Boat Launch	07/14/10	NA	43.1	41.23	NA	NA
Boat Launch	07/21/10	NA	38.9	36.7	NA	NA
Boat Launch	07/28/10	NA	<8.86	7.11	NA	NA
Boat Launch	08/04/10	NA	26.3	23.3	NA	NA
Boat Launch	08/11/10	NA	21	19.1	NA	NA
Boat Launch	08/18/10	NA	<8.66	6.79	NA	NA
Boat Launch	08/25/10	NA	28.3	26.29	NA	NA
Boat Launch	09/01/10	NA	12.2	9.96	NA	NA
Boat Launch	09/08/10	NA	20	17.93	NA	NA
Boat Launch	09/15/10	NA	<7.6	4.42	NA	NA
Boat Launch	09/23/10	NA	17.8	15.68	NA	NA
Boat Launch	09/29/10	NA	<7.6	4.7	NA	NA
Boat Launch	10/06/10	NA	<7.6	4.26	NA	NA
Boat Launch	10/13/10	NA	<7.6	5.09	NA	NA
Boat Launch	10/20/10	NA	<7.6	2.68	NA	NA
Boat Launch	10/28/10	NA	<8.75	7.75	NA	NA
Boat Launch	11/03/10	NA	30.4	28.52	NA	NA
Boat Launch	11/10/10	NA	<7.6	4.32	NA	NA
Boat Launch	11/17/10	NA	12.3	11.22	NA	NA
Boat Launch	11/23/10	NA	19.8	17.78	NA	NA
Boat Launch	12/01/10	NA	12.4	10.11	NA	NA
Boat Launch	12/08/10	NA	9.35	7.97	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Boat Launch	12/15/10	NA	<8.76	7.27	NA	NA
Boat Launch	12/22/10	NA	<7.6	5.7	NA	NA
Boat Launch	12/29/10	NA	10.7	8.23	NA	NA
Boat Launch	01/05/11	NA	11.5	9.18	NA	NA
Boat Launch	01/11/11	NA	11.6	7.58	NA	NA
Boat Launch	01/19/11	NA	9.95	7.06	NA	NA
Boat Launch	01/26/11	NA	<7.6	5.55	NA	NA
Boat Launch	02/04/11	NA	11.8	8.8	NA	NA
Boat Launch	02/09/11	NA	<9.01	7.11	NA	NA
Boat Launch	02/16/11	NA	9.39	5.74	NA	NA
Boat Launch	02/23/11	NA	<8.09	6.33	NA	NA
Boat Launch	03/02/11	NA	<8.85	7.48	NA	NA
Boat Launch	03/08/11	NA	11.5	10.04	NA	NA
Boat Launch	03/16/11	NA	9.71	8.38	NA	NA
Boat Launch	03/23/11	NA	11.4	10.14	NA	NA
Boat Launch	03/30/11	NA	14.5	12.53	NA	NA
Former 004 Outfall	6/2/10	2240	<7.25	NR	NA	NA
Former 004 Outfall	6/9/10	2010	<8.84	NR	NA	NA
Former 004 Outfall	6/16/10	3450	<9.38	NR	NA	NA
Former 004 Outfall	6/23/10	3310	<7.6	NR	NA	NA
Former 004 Outfall	6/30/10	9990	<7.6	NR	NA	NA
Former 004 Outfall	7/7/10	2160	<8.94	NR	NA	NA
Former 004 Outfall	7/14/10	2160	<7.6	NR	NA	NA
Former 004 Outfall	7/21/10	2010	<7.6	NR	NA	NA
Former 004 Outfall	7/28/10	2740	<7.25	NR	NA	NA
Former 004 Outfall	8/11/10	2090	<7.6	NR	NA	NA
Former 004 Outfall	8/18/10	2110	<7.25	NR	NA	NA
Former 004 Outfall	8/25/10	5790	<9.93	NR	NA	NA
Former 004 Outfall	8/25/10	5790	<9.93	NR	NA	NA
Former 004 Outfall	8/25/10	5790	<9.93	NR	NA	NA
Former 004 Outfall	9/1/10	5130	<7.6	NR	NA	NA
Former 004 Outfall	9/8/10	2240	<7.6	NR	NA	NA
Former 004 Outfall	9/15/10	2190	<7.6	NR	NA	NA

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Former 004 Outfall	9/23/10	2380	<7.6	NR	NA	NA
Former 004 Outfall	9/29/10	3910	<7.6	NR	NA	NA
Former 004 Outfall	10/6/10	7820	<7.6	NR	NA	NA
Former 004 Outfall	10/13/10	8130	<7.6	NR	NA	NA
Former 004 Outfall	10/20/10	7400	<7.6	NR	NA	NA
Rogers Island	09/07/05	3010	4.1	1.71	0.066	0.028
Rogers Island	09/13/05	2540	4.61	1.85	0.063	0.025
Rogers Island	09/19/05	2290	3.21	1.36	0.040	0.017
Rogers Island	09/27/05	2880	3.7	1.88	0.057	0.029
Rogers Island	10/03/05	2820	3.02	1.24	0.046	0.019
Rogers Island	10/10/05	7340	2.64	1.16	0.104	0.046
Rogers Island	10/18/05	7650	2.21	0.72	0.091	0.030
Rogers Island	10/24/05	8530	1.8	0.42	0.083	0.020
Rogers Island	10/31/05	8410	1.17	0.22	0.053	0.010
Rogers Island	11/07/05	8380	<0.9	0.07	0.041	0.003
Rogers Island	11/15/05	7750	1.41	0.24	0.059	0.010
Rogers Island	11/21/05	10100	2.4	1.56	0.131	0.085
Rogers Island	11/28/05	8470	1.06	0.48	0.048	0.022
Rogers Island	12/29/05	7700	<1.4	0.35	0.058	0.014
Rogers Island	01/30/06	8110	1.84	1.14	0.081	0.050
Rogers Island	02/09/06	8970	1.63	1.00	0.079	0.048
Rogers Island	02/22/06	7590	1.37	0.68	0.056	0.028
Rogers Island	03/09/06	6590	1.09	0.34	0.039	0.012
Rogers Island	03/16/06	8110	2.03	0.97	0.089	0.042
Rogers Island	03/23/06	6950	1.17	0.31	0.044	0.012
Rogers Island	03/29/06	6590	<1.15	0.23	0.041	0.008
Rogers Island	04/06/06	7070	<1.2	0.15	0.046	0.006
Rogers Island	04/10/06	6440	1.63	0.72	0.056	0.025
Rogers Island	04/18/06	5370	1.07	0.36	0.031	0.010
Rogers Island	04/28/06	10600	1.34	0.71	0.076	0.041
Rogers Island	05/01/06	8880	1.38	0.80	0.066	0.038
Rogers Island	05/09/06	3020	2.11	1.15	0.034	0.019
Rogers Island	05/17/06	12000	4.33	3.29	0.280	0.213

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Rogers Island	05/22/06	11900	1.89	1.16	0.121	0.075
Rogers Island	06/01/06	8260	2.14	1.23	0.095	0.055
Rogers Island	06/07/06	11000	1.87	1.20	0.111	0.071
Rogers Island	06/12/06	9650	1.44	1.25	0.075	0.065
Rogers Island	06/21/06	6420	1.08	1.07	0.037	0.037
Rogers Island	06/28/06	14600	2.85	1.60	0.224	0.126
Rogers Island	07/07/06	9530	3.05	2.95	0.156	0.152
Rogers Island	07/11/06	8160	2.25	2.17	0.099	0.096
Rogers Island	07/18/06	7730	3.35	2.13	0.140	0.089
Rogers Island	07/25/06	7730	3.96	2.16	0.165	0.090
Rogers Island	08/01/06	8300	1.53	1.51	0.068	0.067
Rogers Island	08/09/06	6200	9.84	7.45	0.329	0.249
Rogers Island	08/14/06	2730	4.4	2.55	0.065	0.037
Rogers Island	08/23/06	2740	1.97	1.74	0.029	0.026
Rogers Island	08/29/06	2740	4.45	2.19	0.066	0.032
Rogers Island	09/05/06	2450	1.52	1.49	0.020	0.020
Rogers Island	09/11/06	2110	3.69	1.51	0.042	0.017
Rogers Island	09/18/06	2770	3.26	1.27	0.049	0.019
Rogers Island	09/26/06	2640	3.37	1.95	0.048	0.028
Rogers Island	10/02/06	4580	4.47	2.92	0.110	0.072
Rogers Island	10/13/06	3460	2.6	0.70	0.049	0.013
Rogers Island	10/18/06	4820	2.55	0.86	0.066	0.022
Rogers Island	10/23/06	8220	1.91	0.86	0.085	0.038
Rogers Island	10/31/06	11500	1.99	1.14	0.123	0.071
Rogers Island	11/06/06	8070	1.57	0.66	0.068	0.029
Rogers Island	11/14/06	9070	1.37	0.44	0.067	0.021
Rogers Island	11/20/06	18200	4.11	3.27	0.403	0.321
Rogers Island	11/28/06	8590	1.84	1.01	0.085	0.047
Rogers Island	12/05/06	9290	1.65	0.77	0.083	0.038
Rogers Island	12/12/06	8170	1.11	0.52	0.049	0.023
Rogers Island	12/20/06	7870	1.59	0.85	0.067	0.036
Rogers Island	12/28/06	8100	1.26	0.59	0.055	0.026
Rogers Island	01/02/07	8580	1.21	0.51	0.056	0.024

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Rogers Island	01/11/07	15100	1.95	1.49	0.159	0.121
Rogers Island	01/18/07	12000	1.4	1.01	0.091	0.066
Rogers Island	01/23/07	11000	1.27	0.88	0.075	0.052
Rogers Island	03/28/07	8540	1.3	0.68	0.060	0.031
Rogers Island	04/04/07	9260	1.73	1.05	0.086	0.052
Rogers Island	04/11/07	5000	1.13	0.50	0.030	0.013
Rogers Island	04/19/07	11000	1.63	1.00	0.097	0.059
Rogers Island	05/08/07	9600	2.55	1.45	0.132	0.075
Rogers Island	05/14/07	7600	2.7	1.55	0.110	0.063
Rogers Island	05/22/07	7500	2.29	1.16	0.093	0.047
Rogers Island	05/29/07	2900	4.11	2.25	0.064	0.035
Rogers Island	06/06/07	3300	3.74	2.46	0.067	0.044
Rogers Island	06/14/07	2300	6.14	3.83	0.076	0.048
Rogers Island	06/19/07	2510	4.76	2.87	0.064	0.039
Rogers Island	06/25/07	2800	5.28	3.14	0.080	0.047
Rogers Island	07/02/07	2430	2.17	0.46	0.028	0.006
Rogers Island	07/12/07	2970	6.73	4.61	0.108	0.074
Rogers Island	07/16/07	2840	4.35	2.41	0.067	0.037
Rogers Island	07/25/07	2110	3.15	1.36	0.036	0.016
Rogers Island	07/31/07	2200	3.64	1.90	0.043	0.023
Rogers Island	08/09/07	2300	4.47	2.45	0.055	0.030
Rogers Island	08/16/07	2230	4.07	1.67	0.049	0.020
Rogers Island	08/22/07	1970	3.37	1.37	0.036	0.015
Rogers Island	08/28/07	2240	3.51	1.29	0.042	0.016
Rogers Island	09/05/07	2110	3.01	0.98	0.034	0.011
Rogers Island	09/12/07	2040	4.16	1.59	0.046	0.017
Rogers Island	09/18/07	1960	2.81	0.90	0.030	0.010
Rogers Island	09/26/07	2030	3.67	1.61	0.040	0.018
Rogers Island	10/05/07	1920	3.73	1.18	0.039	0.012
Rogers Island	10/09/07	2110	3.12	1.12	0.036	0.013
Rogers Island	10/18/07	2410	3.59	1.16	0.047	0.015
Rogers Island	10/24/07	3170	4.27	1.27	0.073	0.022
Rogers Island	10/31/07	3510	5.4	3.27	0.102	0.062

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Rogers Island	11/07/07	3000	2.83	1.18	0.046	0.019
Rogers Island	11/16/07	4830	1.91	0.82	0.050	0.021
Rogers Island	11/19/07	5820	1.41	0.44	0.044	0.014
Rogers Island	11/26/07	7630	1.51	0.73	0.062	0.030
Rogers Island	12/04/07	7280	2.1	1.20	0.082	0.047
Rogers Island	12/10/07	5280	2.08	1.33	0.059	0.038
Rogers Island	03/27/08	6900	2.47	1.58	0.092	0.059
Rogers Island	04/01/08	8420	1.99	1.19	0.090	0.054
Rogers Island	04/10/08	23500	11.27	8.84	1.428	1.120
Rogers Island	04/16/08	20000	3.78	2.92	0.408	0.315
Rogers Island	05/06/08	8990	1.69	1.01	0.082	0.049
Rogers Island	05/13/08	7160	1.7	0.78	0.066	0.030
Rogers Island	05/19/08	3180	3.3	1.96	0.057	0.034
Rogers Island	05/28/08	2620	2.86	1.82	0.040	0.026
Rogers Island	06/03/08	2320	3.13	1.65	0.039	0.021
Rogers Island	06/11/08	2520	3.77	2.22	0.051	0.030
Rogers Island	06/18/08	2610	3.82	2.62	0.054	0.037
Rogers Island	06/24/08	2780	6.38	4.57	0.096	0.068
Rogers Island	07/01/08	3450	28.25*	26.79*	0.000	0.000
Rogers Island	07/09/08	2350	4.04	2.41	0.051	0.031
Rogers Island	07/18/08	2770	5.73	3.52	0.086	0.053
Rogers Island	07/22/08	5360	4.15	2.38	0.120	0.069
Rogers Island	07/30/08	7440	2.77	1.38	0.111	0.055
Rogers Island	08/05/08	4300	2.8	1.15	0.065	0.027
Rogers Island	08/12/08	7800	<2.69	0.80	0.113	0.034
Rogers Island	08/20/08	6390	2.71	1.08	0.093	0.037
Rogers Island	08/26/08	3650	3.68	1.41	0.072	0.028
Rogers Island	09/05/08	2710	4.81	2.15	0.070	0.031
Rogers Island	09/08/08	2680	3.89	1.46	0.056	0.021
Rogers Island	09/19/08	2550	4.96	2.78	0.068	0.038
Rogers Island	09/23/08	2770	3.44	1.26	0.051	0.019
Rogers Island	09/29/08	3010	3.17	1.36	0.051	0.022
Rogers Island	10/13/08	2740	3	1.03	0.044	0.015

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Rogers Island	10/21/08	2860	17.9	14.96	0.276	0.231
Rogers Island	10/28/08	7320	7.88	5.92	0.311	0.234
Rogers Island	11/05/08	7650	1.6	0.85	0.066	0.035
Rogers Island	11/12/08	5420	2.4	1.11	0.070	0.032
Rogers Island	11/19/08	6830	1.45	0.48	0.053	0.018
Rogers Island	11/26/08	5300	1.18	0.48	0.034	0.014
Rogers Island	12/03/08	6120	3.96	2.91	0.131	0.096
Rogers Island	12/09/08	4200	2.16	1.03	0.049	0.023
Rogers Island	12/17/08	8370	9.33	8.78	0.421	0.396
Rogers Island	03/27/09	8630	4.62	3.81	0.215	0.177
Rogers Island	04/02/09	10000	3.49	2.88	0.188	0.155
Rogers Island	04/08/09	9680	1.2	0.81	0.063	0.042
Rogers Island	04/14/09	7580	1.38	0.75	0.056	0.031
Rogers Island	04/22/09	8770	<2.17	0.30	0.103	0.014
Rogers Island	04/28/09	8390	3.13	2.04	0.142	0.092
Rogers Island	05/07/09	7450	2.18	1.17	0.087	0.047
Rogers Island	05/14/09	4310	2.61	1.22	0.061	0.028
Rogers Island	05/15/09	4110	1.93	0.87	0.043	0.019
Rogers Island	05/16/09	6020	1.66	0.58	0.054	0.019
Rogers Island	05/21/09	7470	1.46	0.36	0.059	0.015
Rogers Island	05/27/09	6990	7.02	5.90	0.264	0.222
Rogers Island	06/04/09	6840	2.31	1.28	0.085	0.047
Rogers Island	06/11/09	4420	1.23	0.33	0.029	0.008
Rogers Island	06/18/09	6780	1.95	0.70	0.071	0.026
Rogers Island	06/24/09	7840	1.43	0.39	0.060	0.016
Rogers Island	07/02/09	5700	2	0.68	0.062	0.021
Rogers Island	07/09/09	4120	2.4	0.67	0.053	0.015
Rogers Island	07/16/09	4540	1.79	0.27	0.044	0.007
Rogers Island	07/23/09	4090	2.1	0.54	0.046	0.012
Rogers Island	07/30/09	4220	3.3	1.53	0.075	0.035
Rogers Island	08/06/09	7760	2.32	0.76	0.097	0.032
Rogers Island	08/13/09	6170	3.23	1.51	0.107	0.050
Rogers Island	08/21/09	3080	2.36	0.89	0.039	0.015

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Rogers Island	08/24/09	3970	13.95	4.03	0.299	0.086
Rogers Island	08/31/09	5410	1.9	0.56	0.055	0.016
Rogers Island	09/08/09	5590	1.81	0.41	0.055	0.012
Rogers Island	09/14/09	2670	10.23	2.29	0.147	0.033
Rogers Island	09/22/09	2620	3.45	1.30	0.049	0.018
Rogers Island	09/29/09	4010	2.23	0.54	0.048	0.012
Rogers Island	10/05/09	6060	2.07	0.58	0.068	0.019
Rogers Island	10/12/09	7640	1.52	0.41	0.063	0.017
Rogers Island	10/19/09	4630	12.9	1.65	0.322	0.041
Rogers Island	10/26/09	7310	1.69	0.23	0.066	0.009
Rogers Island	11/04/09	7990	3.49	0.53	0.150	0.023
Rogers Island	11/09/09	7430	3.59	0.54	0.144	0.022
Rogers Island	11/16/09	7120	2.91	0.46	0.112	0.018
Rogers Island	11/24/09	7510	2.72	0.34	0.110	0.014
Rogers Island	12/03/09	7890	8.1	5.59	0.345	0.238
Rogers Island	12/08/09	8160	1.31	0.50	0.058	0.022
Rogers Island	12/14/09	7520	1.96	0.69	0.080	0.028
Rogers Island	03/17/10	7670	1.43	0.50	0.059	0.021
Rogers Island	04/09/10	9110	<1.64	0.48	0.081	0.023
Rogers Island	04/14/10	6890	1.11	0.66	0.041	0.025
Rogers Island	04/21/10	7790	1.18	0.38	0.049	0.016
Rogers Island	04/28/10	4370	1.77	0.85	0.042	0.020
Rogers Island	05/06/10	3190	1.72	0.85	0.030	0.015
Rogers Island	05/10/10	4690	2.55	1.44	0.065	0.037
Rogers Island	05/18/10	3120	2.65	1.59	0.045	0.027
Rogers Island	05/24/10	2780	1.97	0.88	0.030	0.013
Rogers Island	06/03/10	2620	2.35	1.21	0.033	0.017
Rogers Island	06/08/10	3930	2.72	1.15	0.058	0.024
Rogers Island	06/15/10	3800	1.53	0.48	0.031	0.010
Rogers Island	06/23/10	3340	2.79	0.74	0.050	0.013
Rogers Island	06/28/10	3960	2.17	0.99	0.046	0.021
Rogers Island	07/06/10	3990	1.94	0.92	0.042	0.020
Rogers Island	07/12/10	3190	1.77	0.66	0.031	0.011

Table 3-2. Summary of Hudson River PCB Concentrations and Mass Discharge at Bakers Falls, the Boat Launch, the Ft Edward Former 004 Outfall and Rogers Island.

Location	Date	Ft Edward Daily Average Discharge (cfs)	Total PCB (ng/L)	Total Tri+ PCB (ng/L)	Total PCB Mass Discharge (lb/day)	Total Tri+ PCB Mass Discharge (lb/day)
Rogers Island	07/21/10	3060	3.69	1.68	0.061	0.028
Rogers Island	07/26/10	2870	2.53	0.95	0.039	0.015
Rogers Island	08/02/10	2910	2.25	0.54	0.035	0.008
Rogers Island	08/09/10	2660	2.26	0.62	0.032	0.009
Rogers Island	08/16/10	2580	2.71	0.96	0.038	0.013
Rogers Island	08/24/10	7710	3.59	1.12	0.149	0.046
Rogers Island	08/31/10	5940	2.06	0.52	0.066	0.017
Rogers Island	09/08/10	2440	1.57	0.44	0.021	0.006
Rogers Island	09/13/10	2280	1.31	0.23	0.016	0.003
Rogers Island	09/23/10	2550	1.97	0.61	0.027	0.008
Rogers Island	09/28/10	2960	1.86	0.36	0.030	0.006
Rogers Island	10/05/10	8290	1.22	0.44	0.055	0.020
Rogers Island	10/11/10	7670	1.34	0.32	0.055	0.013
Rogers Island	10/21/10	7890	1.1	0.26	0.047	0.011
Rogers Island	10/25/10	7470	1.16	0.30	0.047	0.012
Rogers Island	11/04/10	7200	1.36	0.21	0.053	0.008
Rogers Island	11/08/10	8100	1.35	0.27	0.059	0.012
Rogers Island	11/17/10	7470	1.62	0.47	0.065	0.019
Rogers Island	11/23/10	7380	2.01	0.84	0.080	0.033

* = outlier, excluded from analysis

NA = Not Applicable

NR = Not Reported

Table 3-3 Summary of March 26, 2010 Sump Concentrations

PCBs		
Compound	Unit	Amount
Aroclor 1016	ug/L	ND
Aroclor 1221	ug/L	ND
Aroclor 1232	ug/L	ND
Aroclor 1242	ug/L	30500
Aroclor 1248	ug/L	ND
Aroclor 1254	ug/L	ND
Aroclor 1260	ug/L	ND
Total PCB Amount	ug/L	30500
Compound	Unit	Amount
Alkalinity, Bicarbonate	mg/L	126
Alkalinity, Carbonate	mg/L	ND
Alkalinity, Total	mg/L	126
Aluminum	mg/L	0.513
Antimony	mg/L	ND
Arsenic	mg/L	ND
Barium	mg/L	0.496
Beryllium	mg/L	ND
Cadmium	mg/L	ND
Calcium	mg/L	66.6
Chloride	mg/L	49
Chromium	mg/L	ND
Cobalt	mg/L	ND
Copper	mg/L	0.0113
Hydrogen Sulfide	mg/L	0.1
Iron	mg/L	13.4
Lead	mg/L	ND
Magnesium	mg/L	15.6
Manganese	mg/L	0.426
Mercury	mg/L	ND
Nickel	mg/L	ND
pH	mg/L	7.91
Selenium	mg/L	ND
Silver	mg/L	ND
Sodium	mg/L	26.5
Sulfate	mg/L	66
Temperature	°C	19
Thallium	mg/L	ND
Total, Phosphate	mg/L	0.44
Vanadium	mg/L	ND
Zinc	mg/L	0.158

Table 3-4 Summary of TDCS Discharge PCB Concentrations

Compound	Unit	5/19/10	6/2/10	7/7/10	8/4/10	9/1/10	10/13/10	11/10/10	12/1/10
Aroclor 1242	ug/L	260	92.4	172	95	129	252	ND	193
Aroclor 1248	ug/L	ND	ND	ND	ND	ND	ND	513	193
Aroclor 1254	ug/L	44.4	ND	30.8	ND	ND	ND	ND	34.8
Total PCB Amount	ug/L	304.4	92.4	202.8	95	129	252	513	227.8

Notes:

ND-Non-Detect

Table 3-5 Summary of TDCS Discharge VOC Concentrations

Compound	Unit	5/19/10	6/2/10	7/7/10	8/4/10	9/1/10	10/13/10	11/10/10	12/1/10
1,1,1-Trichloroethane	ug/L	ND	1.43	1.19	1.47	1.74	ND	ND	ND
1,1-Dichloroethane	ug/L	4.69	6	6.48	5.66	6.13	2.21	2.18	2.38
1,2,3-Trichlorobenzene	ug/L	2.15	2.39	2.01	2.1	2.73	2.29	2.25	2.21
1,2,4-Trichlorobenzene	ug/L	3.96	4.11	3.7	3.43	5.29	5.71	4.49	5.26
cis-1,2-Dichloroethene	ug/L	169	238	273	209	239	72.3	73.3	78.6
Tetrachloroethene	ug/L	ND	1.21	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	26.5	33.6	37.1	34.6	36.4	13	13.2	14.6
Vinyl chloride	ug/L	1.94	2.83	2.45	2.76	3.62	1.27	1.02	1.34
Total VOC Amount	ug/L	208.24	289.57	325.93	259.02	294.91	96.78	96.44	104.39

Notes:

ND-Non-Detect

Table 3-6 Summary of November 2, 2009 Drain-Well Sample Analyses

Date Sampled	Compound	Unit	DW-101	DW-103	DW-105	DW-106	DW-201	DW-203	DW-205	DW-206	DW-207	DW-301	DW-302	DW-303	DW-304	DW-305	DW-306	DW-307
VOCs																		
11/2/09	1,1-Dichloroethane	ug/L	10.4	3.0	54.8	6.6	13.8	1.5	ND	ND	ND	ND	1.2	3.5	ND	3.4	1.0	ND
11/2/09	1,1-Dichloroethene	ug/L	1.6	1.1	4.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/2/09	1,2 Dichlorobenzene	ug/L	ND	1.6	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/2/09	1,2,4-Trichlorobenzene	ug/L	10.0	30.3	357.0	12.2	8.8	3.5	7.7	2.2	ND	6.7	5.8	4.2	ND	ND	ND	1.4
11/2/09	1,3-Dichlorobenzene	ug/L	ND	ND	3.8	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND
11/2/09	1,4-Dichlorobenzene	ug/L	ND	1.5	3.4	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND
11/2/09	cis-1,2-Dichloroethene	ug/L	905.0	473.0	2400.0	215.0	150.0	43.3	8.1	7.6	23.5	15.7	13.0	67.8	18.0	48.4	20.5	ND
11/2/09	Tetrachloroethene	ug/L	649.0	125.0	ND	ND	2.8	5.0	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
11/2/09	Toulene	ug/L	42.5	42.6	241	19.5	19.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/2/09	trans-1,2-Dichloroethene	ug/L	1.9	2.8	10.4	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/2/09	Trichloroethene	ug/L	289.0	31.5	49.1	97.9	12.5	5.7	8.4	ND	2.3	ND	ND	ND	ND	ND	ND	ND
11/2/09	Vinyl chloride	ug/L	2.6	8.7	50.5	3.2	10.1	3.5	ND	1.8	ND	2.9	1.1	24.9	1.2	13.7	13.1	ND
11/2/09	1,2,3-Trichlorobenzene	ug/L	4.1	7.5	55.6	5.2	12.4	ND	2.5	ND	ND	1.9	1.0	1.4	ND	ND	ND	1.0
	Total VOC Amount	ug/L	1916.1	728.6	3234.4	3186.2	230.1	63.7	26.7	11.6	26.9	27.2	26.3	101.8	19.2	65.5	34.6	2.4
PCBs																		
11/2/09	Aroclor 1221	ug/L	ND	84.5	393.0	ND	ND	ND	ND	ND	ND	ND	ND	33.8	0.6	26.1	3.2	ND
11/2/09	Aroclor 1242	ug/L	1470.0	50.1	558.0	1480.0	5470.0	75.3	8840.0	1250.0	80.9	24.5	66.4	37.6	0.2	9.7	1.2	0.1
	Total PCB Amount	ug/L	1470.0	134.6	951.0	1480.0	5470.0	75.3	8840.0	1250.0	80.9	24.5	66.4	71.4	0.8	35.8	4.5	0.1

Table 3-7 Summary of February 23, 2010 Drain-Well Sample Analyses

Date Sampled	Compound	Unit	DW-101	DW-103	DW-105	DW-106	DW-201	DW-203	DW-205	DW-206	DW-207	DW-301	DW-302	DW-303	DW-304	DW-305	DW-306	DW-307
VOCs																		
2/23/10	1,1-Dichloroethane	ug/L	ND	ND	67.3	9.3	10.1	3.1	ND	ND	ND	5.1	1.5	10.0	1.1	3.6	1.0	ND
2/23/10	1,2,4-Trichlorobenzene	ug/L	ND	49.2	346.0	12.4	32.6	3.1	2.7	1.7	NS	11.5	7.2	7.2	ND	1.6	ND	ND
2/23/10	1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	2.8	1.5	ND	ND	ND	ND
2/23/10	1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.0	2.3	1.1	ND	ND	ND	ND
2/23/10	cis-1,2-Dichloroethene	ug/L	740.0	595.0	2160.0	230.0	127.0	41.1	3.7	5.4	14.1	36.2	14.4	93.1	17.3	45.5	15.5	ND
2/23/10	Tetrachloroethene	ug/L	120.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/23/10	trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND
2/23/10	Trichloroethene	ug/L	147.0	ND	56.5	127.0	11.0	3.0	1.7	ND	1.3	ND	ND	1.0	ND	ND	ND	ND
2/23/10	Vinyl chloride	ug/L	ND	12.9	103.0	ND	7.9	2.4	ND	1.2	ND	5.0	2.1	37.6	1.4	15.9	9.6	ND
2/23/10	1,2,3-Trichlorobenzene	ug/L	ND	12.7	91.7	5.5	22.0	ND	1.1	ND	ND	2.6	1.4	2.0	ND	ND	ND	ND
	Total VOCs	ug/L	1007	670	2825	384	211	54	9	8	15	67	32	155	20	67	26	ND
PCBs																		
2/23/10	Aroclor 1221	ug/L	ND	146.0	369.0	ND	ND	ND	ND	105.0	23.6	ND	ND	ND	0.6	30.5	2.2	ND
2/23/10	Aroclor 1242	ug/L	670.0	87.3	299.0	19800.0	6820.0	2280.0	1150.0	94.1	18.4	59.7	51.7	42.2	0.2	11.9	0.6	ND
2/23/10	Aroclor 1254	ug/L	114.0	ND	ND	ND	ND	178.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total PCB Amount	ug/L	784.0	233.3	668.0	19800.0	6820.0	2458.0	1150.0	199.1	42.0	59.7	51.7	42.2	0.8	42.4	2.8	ND

Notes:
NS-Not Sampled
ND-Non-Detected

Table 3-8 Summary of September 16, 2010 Drain-Well Sample Analyses

Date Sampled	Compound	Units	DW-101	DW-102	DW-103	DW-104	DW-105	DW-106	DW-201	DW-203	DW-204	DW-205	DW-206	DW-207	DW-301	DW-302	DW-303	DW-304	DW-305	DW-306	DW-307
VOCs																					
9/16/10	1,1-Dichloroethane	ug/L	21.2	ND	ND	22.2	71.1	8.7	4.5	4.5	ND	ND	ND	ND	1.3	2.8	4.5	ND	4.1	1.3	ND
9/16/10	1,2,4-Trichlorobenzene	ug/L	ND	ND	48.5	55.8	484.0	12.1	6.2	2.7	ND	5.7	1.6	ND	4.5	6.5	5.3	ND	3.0	ND	ND
9/16/10	1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND
9/16/10	1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	2.9	ND	ND	ND	ND	ND
9/16/10	2-Butanone	ug/L	ND	ND	ND	567.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/16/10	Chloroform	ug/L	10.3	ND	10.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/16/10	cis-1,2-Dichloroethene	ug/L	816.0	207.0	740.0	1020.0	1680.0	201.0	36.4	40.6	6.5	7.5	7.5	17.5	15.0	31.0	83.6	6.0	53.7	14.3	ND
9/16/10	Tetrachloroethene	ug/L	ND	ND	68.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/16/10	trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	1.1	ND	ND	ND	1.4	ND	ND	ND	ND
9/16/10	Trichloroethene	ug/L	54.8	ND	34.9	ND	ND	72.1	6.9	4.2	1.6	5.6	NS	1.6	ND	1.1	ND	ND	ND	ND	ND
9/16/10	Vinyl chloride	ug/L	ND	ND	20.6	39.5	97.6	5.5	2.4	2.9	ND	1.7	1.8	1.7	6.0	3.1	32.2	ND	29.3	13.6	ND
9/16/10	1,2,3-Trichlorobenzene	ug/L	ND	ND	14.0	28.6	142.0	5.2	9.5	1.3	1.3	1.6	NS	NS	1.1	NS	1.4	ND	ND	ND	ND
	Total VOC Amount	ug/L	902.3	207	936.2	1733.1	2474.7	304.6	65.9	57.8	9.4	22.1	12	20.8	29.6	52.7	128.4	6	90.1	29.2	0
PCBs																					ND
9/16/10	Aroclor 1221	ug/L	ND	NS	149.0	NS	462.0	ND	NS	ND	NS	ND	127.0	50.4	61.0	ND	71.9	0.4	53.9	1.6	0.05
9/16/10	Aroclor 1242	ug/L	2390.0	NS	140.0	NS	544.0	4800.0	NS	126.0	NS	488.0	91.4	30.8	72.2	72.8	46.9	0.1	18.9	0.5	0.02
9/16/10	Aroclor 1254	ug/L	559.0	NS	ND	NS	ND	ND	NS	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total PCB Amount	ug/L	2949.0	NS	289.0	NS	1006.0	4800.0	NS	126.0	NS	488.0	218.4	81.2	133.2	72.8	118.8	0.5	72.8	2.1	0.07

Notes:
NS-Not Sampled
ND-Non-Detected

Table 3-9 Summary of 2010 Groundwater Sample PCB Concentrations

Compound	Units	HF-1	HF-3	HF-36	HF-43	HF-1D	HF-16D	HF-21B	HF-21BDup	HF-22B	HF-23BS
Date Sampled		7/1/2010	6/3/2010	6/28/2010	6/11/2010	6/23/2010	6/10/2010	6/10/2010	6/10/2010	6/7/2010	6/4/2010
Formation		OB	OB	OB	OB	USHS	USHS	USHS	USHS	USHS	USHS
Aroclor 1221	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	ND	9.00 AD	ND	1.60 AD	45.8 AD	ND	12.1 AD	10.2 AD	41 AD	5.27 AD
Aroclor 1248	ug/L	5.96 PE	ND	43.3 PE	ND	ND	9.58 PE	ND	ND	ND	ND
Aroclor 1254	ug/L	ND	9.12 PF	ND	0.357 PF	ND	ND	ND	ND	5.66 PF	1.18 PF
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	5.96	18.12	43.3	1.957	45.8	9.58	12.1	10.2	46.66	6.45

Compound	Units	HF-24BS	HF-38BS	HF-40BS	HF-41BS	HF-45BS	HF-45BSDup	HF-46BS	HF-52BS	HF-66BD	HF-68BS
Date Sampled		6/17/2010	6/8/2010	6/15/2010	6/7/2010	6/7/2010	6/7/2010	6/8/2010	6/9/2010	6/22/2010	6/9/2010
Formation		USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS
Aroclor 1221	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	ND	33.9 AD	ND	5.14 AD	0.899 AD	ND	6.43 AD	ND	2.08 AD	7.24 AD
Aroclor 1248	ug/L	13.1 PE	ND	8.44 PE	ND	ND	1.38 PE	ND	7.56 PE	ND	ND
Aroclor 1254	ug/L	ND	ND	ND	1.37 PF	ND	ND	ND	ND	ND	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	13.1	33.9	8.44	6.51	0.899	1.38	6.43	7.56	2.08	7.24

Compound	Units	HF-70BS	HF-73BS	HF-77BS	OS-215-01	OS-215-02	OS-215-03	OS-316-01	OS-316-03	PW-1A	PW-2A
Date Sampled		6/29/2010	6/1/2010	6/14/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	10/18/2010	10/18/2010
Formation		USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS
Aroclor 1221	ug/L	186 PB	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	213 AD	17100 AD	ND	ND	ND	ND	ND	ND	0.0881 AD	ND
Aroclor 1248	ug/L	ND	ND	192 PE	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	0.0174 PF,J	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	399	17100	192	ND	ND	ND	ND	ND	0.1055	ND

Table 3-9 Summary of 2010 Groundwater Sample PCB Concentrations

Compound	Units	HF-20BD	HF-22BD	HF-24BD	HF-41BD	HF-45BD	HF-46BD	HF-49BD	HF-67BD	HF-68BD	HF-70BD
Date Sampled		6/3/2010	6/10/2010	6/28/2010	6/24/2010	6/28/2010	6/15/2010	6/3/2010	6/17/2010	6/2/2010	6/28/2010
Formation		MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS
Aroclor 1221	ug/L	ND	ND	380 PB	ND	ND	ND	ND	0.264 PB	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	1.42 AD	229 AD	515 AD	164 AD	ND	1.52 AD	43300 AD	0.205 AD	3.04 AD	207 AD
Aroclor 1248	ug/L	ND	ND	ND	ND	41.8 PE	ND	ND	ND	ND	ND
Aroclor 1254	ug/L	ND	35.6 PF	ND	ND	ND	0.265 PF	ND	ND	ND	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	1.42	264.6	895	164	41.8	1.785	43300	0.469	3.04	207

Compound	Units	HF-70BDDup	HF-71BD	HF-71BDDup	HF-77BD	NM-11BD	OS-215-04	OS-316-04	PW-1B	PW-2B	PW-2C
Date Sampled		6/28/2010	6/22/2010	6/22/2010	6/14/2010	6/23/2010	8/23/2010	8/23/2010	10/19/2010	10/19/2010	10/27/2010
Formation		MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS
Aroclor 1221	ug/L	ND	ND	ND	ND	35.4 PB	ND	ND	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	147 AD	38.7 AD	25.4 AD	6.30 AD	22.6 AD	ND	ND	ND	ND	0.182 AD
Aroclor 1248	ug/L	ND	ND	ND	ND	ND	ND	ND	0.097 PE	0.0302 PE,J	ND
Aroclor 1254	ug/L	ND	8.65 PF	7.63 PF	1.14 PF	ND	ND	ND	0.0257 PF,J	ND	0.0452 PF,J
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	147	47.35	33.03	7.44	58.0	ND	ND	0.1227	0.0302	0.2272

Compound	Units	PW-2D	V-12BD	V-13BD	V-14BD	V-69BD	HF-101	HF-103	HF-103Dup	HF-104	HF-106
Date Sampled		10/20/2010	10/28/2010	10/25/2010	10/27/2010	10/28/2010	6/23/2010	7/1/2010	7/1/2010	6/8/2010	6/21/2010
Formation		MSHS	MSHS	MSHS	MSHS	MSHS	LSHS	LSHS	LSHS	LSHS	LSHS
Aroclor 1221	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	ND	ND	ND	ND	0.221 AD	352 AD	3150 AD	744 AD	29.5 AD	ND
Aroclor 1248	ug/L	0.0754 PE	ND	0.0212 PE,J	ND	ND	ND	ND	ND	ND	2.84 PE
Aroclor 1254	ug/L	ND	ND	ND	ND	ND	96.9 PF	362 PF	128 PF	ND	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	0.0754	ND	0.0212	ND	0.221	448.9	3512	872	29.5	2.84

Table 3-9 Summary of 2010 Groundwater Sample PCB Concentrations

Compound	Units	HF-109	HF-109Dup	HF-115	HF-138	HF-138Dup	HF-141	HF-141Dup	HF-145	HF-146	HF-177
Date Sampled		6/18/2010	6/18/2010	6/18/2010	6/24/2010	6/24/2010	6/16/2010	6/16/2010	6/9/2010	6/29/2010	6/25/2010
Formation		LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS
Aroclor 1221	ug/L	ND	ND	ND	17.3 PB	19.4 PB	ND	ND	ND	10.2 PB	166 PB
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	ND	ND	0.754 AD	15.9 AD	17.4 AD	6.36 AD	10.8 AD	2.88 AD	7.69 AD	165 AD
Aroclor 1248	ug/L	69.0 PE	77.3 PE	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	ug/L	ND	ND	0.228 PF	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	69	77.3	0.982	33.2	36.8	6.36	10.8	2.88	17.89	331

Compound	Units	NM-111	OS-215-05	OS-215-06	OS-215-07	OS-215-08	OS-215-09	OS-316-05	OS-316-06	PW-1C	PW-1D
Date Sampled		6/1/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	10/20/2010	10/20/2010
Formation		LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS
Aroclor 1221	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	28.6 AD	ND	ND	ND	ND	ND	ND	ND	0.511 AD	0.192 AD
Aroclor 1248	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0312 PF,J
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	28.6	ND	ND	ND	ND	ND	ND	ND	0.511	0.2232

Compound	Units	PW-2E	V-114	V-114 Dup	V-114	V-169	HF-200	HF-202	HF-205	HF-207	HF-238
Date Sampled		10/21/2010	7/30/2010	7/30/2010	10/27/2010	10/28/2010	6/3/2010	6/16/2010	6/2/2010	6/29/2010	6/17/2010
Formation		LSHS	LSHS	LSHS	LSHS	LSHS	GFL	GFL	GFL	GFL	GFL
Aroclor 1221	ug/L	ND	0.0788 PB	ND	ND	1.01 PB	ND	ND	ND	78.4 PB	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	ND	0.107 AD	0.102 AD	0.631 AD	1.68 AD	2.27 AD	3.34 AD	2.97 AD	67.6 AD	5.68 AD
Aroclor 1248	ug/L	0.155 PE	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	ug/L	ND	ND	ND	0.132 PF	ND	ND	ND	ND	ND	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	0.155	0.1858	0.102	0.763	2.69	2.27	3.34	2.97	146	5.68

Table 3-9 Summary of 2010 Groundwater Sample PCB Concentrations

Compound	Units	HF-246	HF-250	HF-277	HF-305	HF-307	NM-211	OS-215-10	OS-215-10Dup	OS-316-08	OS-316-09
Date Sampled		6/14/2010	7/1/2010	6/21/2010	6/15/2010	6/25/2010	6/8/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010
Formation		GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL
Aroclor 1221	ug/L	ND	ND	5.39 PB	1.79 PB	ND	ND	ND	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	1.68 AD	1210 AD	3.59 AD	1.42 AD	43.4 AD	8.20 AD	ND	ND	ND	ND
Aroclor 1248	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	ug/L	9.31 AF	ND	ND	ND	9.24 PF	ND	ND	ND	ND	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	10.99	1210	8.98	3.21	52.64	8.20	ND	ND	ND	ND

Compound	Units	PW-1	PW-1E	PW-2	PW-2F	V-212	V-213	V-213Dup	V-214	V-312	V-312Dup
Date Sampled		7/30/2010	10/21/2010	7/29/2010	10/21/2010	10/28/2010	10/25/2010	10/25/2010	10/28/2010	10/21/2010	10/21/2010
Formation		GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL
Aroclor 1221	ug/L	ND	0.455 PB	ND	0.0194 PB,J	ND	0.0195 PB,J	0.0181 PB,J	ND	ND	ND
Aroclor 1232	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	ug/L	0.203 AD	0.601 AD	ND	0.0264 AD,J	ND	ND	ND	ND	0.0183 AD,J	0.0333 AD,J
Aroclor 1248	ug/L	ND	ND	2.74 PE	ND	0.222 PE	0.0281 PE,J	0.0282 PE,J	0.352 PE	ND	ND
Aroclor 1254	ug/L	ND	ND	2.38 AF	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCB Amount	ug/L	0.203	1.056	5.12	0.0458	0.222	0.0476	0.0463	0.352	0.0183	0.0333

Compound	Units	OS-316-10	V-313
Date Sampled		8/23/2010	10/25/2010
Formation		ILML	ILML
Aroclor 1221	ug/L	ND	ND
Aroclor 1232	ug/L	ND	ND
Aroclor 1242	ug/L	ND	ND
Aroclor 1248	ug/L	ND	0.159 PE
Aroclor 1254	ug/L	ND	0.0465 PF,J
Aroclor 1260	ug/L	ND	ND
Total PCB Amount	ug/L	ND	0.2055

Notes:

1. ND-Non-detect
2. AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
3. AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
4. PB-Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
5. PE-Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
6. PF-Aroclor 1254 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1254 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
7. OB- Overburden.
8. LSHS- Lower Snake Hill Shale.
9. MSHS- Middle Snake Hill Shale.
10. USHS- Upper Snake Hill Shale.
11. GFL- Glens Falls Limestone.
12. LS- Isle la Motte Limestone.

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	HF-1	HF-3	HF-36	HF-43	HF-1D	HF-16D	HF-21B	HF-21BDup	HF-22B	HF-22B
Date Sample		7/1/2010	6/3/2010	6/28/2010	6/11/2010	6/23/2010	6/10/2010	6/10/2010	6/10/2010	6/4/2010	6/7/2010
Formation		OB	OB	OB	OB	USHS	USHS	USHS	USHS	USHS	USHS
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	ND	1.54	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	1.93	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	1.55	ND	1.66	1.69	1.29	ND
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	ND	ND	ND	ND	6.64	6.43	ND	ND
Vinyl Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	HF-23BS	HF-24BS	HF-38BS	HF-40BS	HF-41BS	HF-45BS	HF-45BSDup	HF-46BS	HF-52BS	HF-66BD
Date Sampled		6/4/2010	6/17/2010	6/8/2010	6/15/2010	6/7/2010	6/7/2010	6/7/2010	6/8/2010	6/9/2010	6/22/2010
Formation		USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.8
1,1-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.45
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	1.91	18.5	6.98	ND	1.00	ND	56.6	ND	167
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	1.51	ND	8.22
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	2.24	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	39.3	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	50.5	ND	ND	ND	ND	47.8	ND	1.32
Vinyl Chloride	ug/L	ND	ND	ND	1.36	ND	ND	ND	1.03	ND	70.3
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	HF-68BS	HF-70BS	HF-73BS	HF-77BS	OS-215-01	OS-215-02	OS-215-03	OS-316-01	OS-316-03	PW-1A
Date Sampled		6/9/2010	6/29/2010	6/1/2010	6/14/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	10/18/2010
Formation		USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS	USHS
1,1,1-Trichloroethane	ug/L	ND	ND	28.9	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	19	388	ND	ND	ND	ND	ND	ND	3.61
1,1-Dichloroethene	ug/L	ND	ND	17.8	ND	ND	ND	ND	ND	ND	1.54
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	11.3	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	23.9	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	5.53	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	3.58	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	1.60	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	1.55	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	9.69	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	1.18	56.7	11200	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	ND	8.9	82.2	ND	ND	ND	ND	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	263	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	ND	34.1	808	ND	ND	ND	ND	ND	ND	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	PW-2A	HF-20BD	HF-22BD	HF-24BD	HF-41BD	HF-45BD	HF-46BD	HF-49BD	HF-67BD	HF-68BD
Date Sampled		10/18/2010	6/3/2010	6/10/2010	6/28/2010	6/24/2010	6/28/2010	6/15/2010	6/3/2010	6/17/2010	6/2/2010
Formation		USHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	3.28	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	1.07	1.66	23.0	68.7	2.02	ND	933	7.93	ND
1,1-Dichloroethene	ug/L	ND	ND	ND	3.18	7.81	ND	ND	53.1	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	2.69	ND	ND	ND	13.5	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	24.6	1.76	1.06	ND	41.2	1.3	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	1.43	ND	ND	ND	1.53	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	11.6	ND	ND	ND	2.45	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	4.92	ND	ND	ND	2.46	ND	ND
2-Butanone	ug/L	7.94	ND	ND	ND	ND	ND	ND	27.9	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	1.98	ND	ND
Acetone	ug/L	183	ND	ND	ND	ND	ND	ND	15.5	ND	ND
Benzene	ug/L	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	2.36	ND	ND	ND	3.57	ND	ND
Chloroethane	ug/L	ND	ND	ND	55.7	ND	ND	ND	2.5	ND	ND
Chloroform	ug/L	12.9	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	10.9	178	416	2140	14.3	5.15	18300	244	ND
trans-1,2-Dichloroethene	ug/L	ND	ND	1.56	10.3	13.2	ND	ND	41.5	5.14	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	1.49	13.6	2.94	ND	ND	4.97	1.62	ND
Vinyl Chloride	ug/L	ND	6.05	31.2	306	520	15	12.4	2020	26.8	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	HF-70BD	HF-70BDDup	HF-71BD	HF-71BDDup	HF-77BD	NM-11BD	OS-215-04	OS-316-04	PW-1B	PW-2B
Date Sampled		6/28/2010	6/28/2010	6/22/2010	6/22/2010	6/14/2010	6/23/2010	8/23/2010	8/23/2010	10/19/2010	10/19/2010
Formation		MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	MSHS
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	3.66	4.01	14.5	14.3	ND	ND	ND	ND	5.60	ND
1,1-Dichloroethene	ug/L	2.69	3.06	1.23	1.18	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	5.26	5.89	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	5.12	5.68	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	3.62	4.33	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	6.12	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	49.8	10.1
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	1.73	1.63	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	46.8	56.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	6.90	2.05
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	359	373	94	94.5	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	8.87	9.1	1.69	1.57	ND	ND	ND	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	2.28	2.54	1.96	2.01	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	229	274	55.4	55.6	ND	ND	ND	ND	ND	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	PW-2C	PW-2D	V-12BD	V-13BD	V-14BD	V-69BD	HF-101	HF-103	HF-103Dup	HF-104
Date Sampled		10/19/2010	10/20/2010	10/28/2010	10/25/2010	10/27/2010	10/28/2010	6/23/2010	7/1/2010	7/1/2010	6/8/2010
Formation		MSHS	MSHS	MSHS	MSHS	MSHS	MSHS	LSHS	LSHS	LSHS	LSHS
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	ND	ND	ND	2.66	ND	ND	80.7	84.5	ND
1,1-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	2.26	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	26.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	11.5	1.58	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	10.2	ND	1270	1330	ND
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	ND	ND	ND	ND	ND	ND	2.29	258	250	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	HF-106	HF-109	HF-109Dup	HF-115	HF-138	HF-138Dup	HF-141	HF-141Dup	HF-145	HF-146
Date Sampled		6/21/2010	6/18/2010	6/18/2010	6/18/2010	6/24/2010	6/24/2010	6/16/2010	6/16/2010	6/9/2010	6/29/2010
Formation		LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	ND	ND	ND	156	161	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	ND	ND	ND	ND	12.2	12.7	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	ND	1.44	1.7	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	10.4	ND	6.18	ND	ND	ND	ND	ND	267
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.2
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	1.45	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	7150	7120	ND	ND	ND	16.2
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	13.8	14.4	ND	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	7.43	7.3	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	ND	ND	54.7	57.4	ND	ND	ND	150
Vinyl Chloride	ug/L	ND	ND	ND	ND	428	424	ND	ND	ND	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	HF-177	NM-111	OS-215-05	OS-215-06	OS-215-07	OS-215-08	OS-215-09	OS-316-05	OS-316-06	PW-1C
Date Sampled		6/25/2010	6/1/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	8/23/2010	10/20/2010
Formation		LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	LSHS
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	58.3	ND	ND	ND	ND	ND	ND	ND	ND	2.05
1,1-Dichloroethene	ug/L	2.39	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	14.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	42.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	1.33	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	1.97	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.3
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	10.8	ND	ND	ND	ND	ND	ND	ND	ND	54.1
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.41
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	1030	ND	ND	ND	ND	ND	ND	ND	ND	5.36
trans-1,2-Dichloroethene	ug/L	5.74	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	176	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	1.54	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	PW-1D	PW-2E	V-114	V-114 Dup	V-114	V-169	HF-200	HF-202	HF-205	HF-207
Date Sampled		10/20/2010	10/21/2010	7/30/2010	7/30/2010	10/27/2010	10/28/2010	6/3/2010	6/16/2010	6/2/2010	6/29/2010
Formation		LSHS	LSHS	LSHS	LSHS	LSHS	LSHS	GFL	GFL	GFL	GFL
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	1.98	ND	6.35	6.17	6.95	ND	ND	ND	ND	3270
1,1-Dichloroethene	ug/L	ND	ND	1.37	1.43	1.22	ND	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	6.56	16.2	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	ND	1.05	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	39.5	169	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	5.32	9.6	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	2.28	ND	465	465	439	3.08	ND	ND	ND	121000
trans-1,2-Dichloroethene	ug/L	ND	ND	2.65	2.76	2.82	ND	ND	ND	ND	543
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	1.37	1.46	1.09	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	ND	ND	3.79	3.78	4.38	ND	ND	ND	ND	2590
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	HF-238	HF-246	HF-250	HF-277	HF-305	HF-307	NM-211	OS-215-10	OS-215-10Dup	OS-316-08
Date Sampled		6/17/2010	6/14/2010	7/1/2010	6/21/2010	6/15/2010	6/25/2010	6/8/2010	8/23/2010	8/23/2010	8/23/2010
Formation		GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	6.86	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	4.56	ND	4.89	ND	65.5	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	ND	ND	ND	ND	ND	5.48	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	1.78	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	2.41	ND	9.17	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	2.11	ND	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	3.98	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	ND	ND	24.4	ND	ND	ND	ND	ND	ND
Benzene	ug/L	ND	ND	ND	ND	ND	5.1	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	10.4	ND	19.5	1.52	3190	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	12.2	ND	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	ND	14.9	ND	1.21	ND	ND	ND	ND	ND	1.14
Trichloroethene	ug/L	ND	2.6	624	28.6	1.41	10.9	ND	ND	ND	ND
Vinyl Chloride	ug/L	ND	ND	ND	ND	ND	10.2	ND	ND	ND	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	OS-316-09	PW-1	PW-1E	PW-2	PW-2F	V-212	V-213	V-213Dup	V-214	V-312
Date Sampled		8/23/2010	7/30/2010	10/26/2010	7/29/2010	10/21/2010	10/28/2010	10/25/2010	10/25/2010	10/28/2010	10/21/2010
Formation		GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL	GFL
1,1,1-Trichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND	ND	ND	ND	1.2	ND	11	ND
2-Hexanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	3.63	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ug/L	ND	ND	ND	ND	21.3	ND	ND	ND	68.7	ND
Benzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	ND	ND	ND	ND	3.38	ND	ND	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	ND	1.68	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	2.14	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3-10. Summary of 2010 Groundwater Sample VOC Concentrations

Compound	Units	V-312Dup	OS-316-10	V-313
Date Sampled		10/21/2010	8/23/2010	10/25/2010
Formation		GFL	ILML	ILML
1,1,1-Trichloroethane	ug/L	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND
1,1-Dichloroethane	ug/L	ND	ND	ND
1,1-Dichloroethene	ug/L	ND	ND	ND
1,2-Dichloroethene	ug/L	ND	ND	ND
1,2,3-Trichlorobenzene	ug/L	ND	ND	ND
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND
1,2-Dichlorobenzene	ug/L	ND	ND	ND
1,3-Dichlorobenzene	ug/L	ND	ND	ND
1,4-Dichlorobenzene	ug/L	ND	ND	ND
2-Butanone	ug/L	ND	ND	ND
2-Hexanone	ug/L	ND	ND	ND
4-Methyl-2-pentanone	ug/L	ND	ND	ND
Acetone	ug/L	ND	ND	ND
Benzene	ug/L	ND	ND	ND
Bromomethane	ug/L	ND	ND	ND
Carbon Disulfide	ug/L	ND	ND	ND
Carbon Tetrachloride	ug/L	ND	ND	ND
Chlorobenzene	ug/L	ND	ND	ND
Chloroethane	ug/L	ND	ND	ND
Chloroform	ug/L	ND	ND	ND
Chloromethane	ug/L	ND	ND	ND
cis-1,2-Dichloroethene	ug/L	ND	ND	ND
trans-1,2-Dichloroethene	ug/L	ND	ND	ND
trans-1,3 Dichloropropene	ug/L	ND	ND	ND
Dibromochloromethane	ug/L	ND	ND	ND
Dichlorodifluoromethane	ug/L	ND	ND	ND
Ethylbenzene	ug/L	ND	ND	ND
Methylene Chloride	ug/L	ND	ND	ND
Tetrachloroethene	ug/L	ND	ND	ND
Toluene	ug/L	ND	2.14	ND
Trichloroethene	ug/L	ND	ND	ND
Vinyl Chloride	ug/L	ND	ND	ND
Xylene	ug/L	ND	ND	ND

Notes:

1. ND-Non-detect
2. AD-Aroclor 1242 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
3. AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
4. PB-Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
5. PE-Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
6. PF-Aroclor 1254 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1254 is not present in the sample, but is reported to more accurately quantify PCB present in sample that has undergone environmental alteration.
7. OB- Overburden.
8. LSHS- Lower Snake Hill Shale.
9. MSHS- Middle Snake Hill Shale.
10. USHS- Upper Snake Hill Shale.
11. GFL- Glens Falls Limestone.
12. ILML- Isle la Motte Limestone.

Table 5-1 TDCS Operation, Maintenance & Monitoring Log

Entry Day #	Date	Purpose
	5/15/2009	Final Inspection of TDCS Phase 3 Construction - last day of MO-JV Responsibility, GeoTrans takes over responsibility for TDCS OM&M.
	5/15/2009	MO-JV installed Owner submersible backup pump (ABS) on bell-out invert at El 24. Pumps in TDCS includes submersibles: P1-Stancor (30hp) in sump running continuous, P2-Stancor (30hp) in sump on float control, P3-ABS (35hp) on bell-out invert on float control. All pumps connected to piping to North Frac Tank
	5/15/2009	Glens Falls Fire Department contract in-place for Confined Space Rescue Team
	5/19/2009	MO-JV disconnected backup generator (800 kw)
	5/19/2009	Alpine connects Standby Generator (200 kw) rental from Milton Cat
	5/21/2009	MO-JV installed permanent TDCS Shaft Cover
		TDCS Flow ~73 gpm
	5/28/2009	Alpine mobilizes job trailer and personnel cages (2 - 5 man and 1 - 2 man) to TDCS Site
	5/22/2009	MO-JV demobilized from TDCS Site
	5/29/2009	Alpine mobilizes Grove RT650E Crane to TDCS Site
	5/30/2009	Alpine mobilizes Lima 400T Lattice Boom Crane (40 ton) to TDCS Site
	6/4/2009	GeoTrans installs data storage module (CFM-100) in Geokon data logger
	6/5/2009	PUMP FAILURE of temporary Pump P1 (Stancor-30hp). Pump P2 (Stancor-30hp) functioning on float control, Reported pump failure as a warranty claim to Construction Manager & GE. MO-JV notified of warranty claim and provided two additional Stancor 30hp pumps.
	6/9/2009	Alpine mobilizes Decon Trailer on Rental
	6/10/2009	Pre-Entry Mtg for pump repair/replacement
	6/15/2009	Begin permanent pump design based on existing TDCS flows.
1	6/19/2009	EMERGENCY OM&M: Replace temporary TDCS pump, P-1 (Stancor-30hp) with spare provided by MO-JV
	6/22/2009	Alpine installs autodialer (via Verizon landline) for TDCS Alarms that include callout for: power outage; pump P2 On; high water and; low battery (on auto dialer).
	7/16/2009	Emerick orders two vertical turbine pumps per proposal 7-14-09
	7/17/2009	Alpine disconnects South Frac Tank and reconfigures piping to North Frac Tank, Precision Industrial cleans sediment from South Frac Tank and empties into roll-off bin where GeoTrans adds cement to stabilize for offsite disposal.
	7/27/2009	Rain-For Rent moves South Frac Tank from TDCS to North Basin for decontamination.
	7/27/2009	Alpine begin permanent TDCS piping to tie-in at bulkhead in Utility tunnel at Allen St.
2	7/30/2009	OM&M Drill Entry: Glens Falls Fire Department - familiarization and rescue drill and GT measures flow rates from TDCS drainwells.
	8/2/2009	PUMP FAILURE of temporary Pump P1 (Stancor-30hp). Pump P2 (Stancor-30hp) functioning on float control.
3	8/4/2009	EMERGENCY OM&M: Replace temporary pump, P-1, with rebuilt pump provided by MO-JV - that failed immediately. Moved ABS pump from bell-out invert to P-1 position in sump, problems with control circuit for new P1, keep P2 on manual - run continuous three days.
4	8/7/2009	EMERGENCY OM&M: Replace float switch control cables for new P-1, ABS pump, and reset float switches for P-2. P1 and P2 on float control working properly
	8/12/2009	POWER OUTAGE at TDCS 45 minutes (backup generator not started) no problems found after power returned.
	8/20/2009	South Frac Tank decontamination complete, tank off rental
	8/20/2009	Standby generator 200kw off rental and purchased from Milton Cat
	8/20/2009	ABS pump P1 (35hp) off rental and purchased from Pump Services & Supply
	8/21/2009	NYSDEC requested Residential Air Monitoring for planned TDCS Entries
	8/26/2009	Vertical Turbine Pumps Control Panel ordered from Emerick
5	8/28/2009	Phase 4: Verify key dimensions of sump walls for sump deck steel fabrication. Residential Air Monitoring at Res 1 and Res 2
	8/31/2009	Rain-For-Rent removes South Frac Tank from Hudson Falls
	9/7/2009	Autodialer callout alarm that P2 is running
6	9/8/2009	EMERGENCY OM&M: TDCS pump P-1 has split in discharge hose - repaired hose
	9/8/2009	Order Steel for Pump support frame and sump deck

Table 5-1 TDCS Operation, Maintenance & Monitoring Log

Entry Day #	Date	Purpose
	9/15/2009	Order electrical shed
	9/18/2009	Order safety hand rail for shaft cover hatch opening (9'x12') and man ladder for sump
7	9/21/2009	EMERGENCY OM&M: TDCS pump P-1 has abraded hole in discharge hose - replaced hose
	9/23/2009	Begin construction of Electrical Shed
	9/25/2009	Alpine begin construction of TDCS Electrical Shed (8x14) at Shaft Collar
	10/5/2009	Fiber Optic Bid walk through: Alpine, Hour, Comali with Geotrans and A. Bossard
	10/8/2009	Electrical Shed Completed
	10/12/2009	Delivery: Vertical Turbine Pumps and Galvanized Steel Sump Frame and Deck
	10/13/2009	Safety Hand rail for shaft cover hatch opening (9'x12') installed complete
8	10/14/2009	Phase 4: Prep for new pipe at shaft collar. Residential Air Monitoring
	10/14/2009	Drainwells off at 0930
9	10/15/2009	Phase 4: Remove temporary sump cover, begin new sump deck, fix split discharge hose for P1. Residential Air Monitoring
	10/15/2009	Drainwells on at 1500
10	10/19/2009	Phase 4: Install new pipe at shaft collar, disconnect North Frac Tank, cutover to new pipe, sump deck Residential Air Monitoring
	10/19/2009	Drainwell off at 1000
11	10/20/2009	Phase 4: Installation of new galvanized steel sump deck and pump support frame. Residential Air Monitoring
	10/20/2009	Drainwells on at 1530
12	10/21/2009	Phase 4: Installation of new sump deck and piping at abandon HF-303 casing to gutter drain. Residential Air Monitoring
13	10/22/2009	Phase 4: New sump deck installation complete. Residential Air Monitoring
	10/26/2009	Precision Industrial cleans sediment from North Frac Tank and empties into roll-off bin where GeoTrans adds cement to stabilize for offsite disposal
	10/26/2009	Delivery: Ethernet Panel Boxes - damage found after receipt
	10/27/2009	Delivery: Vertical Turbine Pump Control Panel
	10/28/2009	Rain-For-Rent moves North Frac Tank from TDCS to North Basin for decontamination
14	10/29/2009	Phase 4: Electrical wiring (power / control) for new TDCS vertical turbine pumps. Pre-Installation Conference for Vertical Turbine Pumps. Residential Air Monitoring
15	10/30/2009	Phase 4: Install pump frame, electrical wiring for new pumps. Residential Air Monitoring
16	11/2/2009	Phase 4: Install & level two vertical turbine pump bases, electrical boxes. Sample and flow test of Drain Wells in TDCS. Residential Air Monitoring
17	11/3/2009	Phase 4: Install, Emerick begin assemble two new vertical turbine pumps and discovers there are missing parts for seal - assembly on hold for parts delivery. Residential Air Monitoring
	11/3/2009	Geotrans conducts Hydrogeologic Inspector
18	11/4/2009	Phase 4: Install chemical resistant discharge hoses, level transducers, electrical boxes. Residential Air Monitoring
	11/9/2009	Phase 4: Comalli begin Fiber Optic cable installation from TDCS to Bldg 12 to WTP
	11/16/2009	Phase 4: Fiber Optic cable install complete
19	11/17/2009	Phase 4: Install new steel support bracket, 6" valve for steel header discharge pipe. Residential Air Monitoring
	11/17/2009	Drainwells off at 0900
20	11/18/2009	Phase 4: Emerick with completes assembly of two new vertical turbine pumps, Alpine completes discharge hose anchoring and sump cleaning. Residential Air Monitoring
	11/18/2009	Drainwells on at 1500
21	11/19/2009	Phase 4: FIRST RUN of Vertical Turbine Pumps. Emerick & Tectra Tech perform testing and start-up of new vertical turbine pumps. Residential Air Monitoring
22	11/20/2009	Phase 4: VT PUMPS RUNNING. Final inspection of new vertical turbine pump system, Emerick attempting debugging pump controller for dual LVT. Vertical Turbine Pumps 1 and 2 set to hold ~4 feet of water depth in sump and to alternate every 24 hours. Pump 3 (ABS Submersible) is backup pump on float control. Residential Air
	12/8/2009	Phase 4: Emerick / Clinton Controls (panel designer) debugging LVT error
	12/10/2009	Phase 4: Emerick debugging LVT error

Table 5-1 TDCS Operation, Maintenance & Monitoring Log

Entry Day #	Date	Purpose
	12/14/2009	North Frac Tank decontamination complete, tank off rental
	12/15/2009	Rain-For-Rent removes North Frac Tank from Hudson Falls
	2/5/2010	Phase Three Hydraulic Monitoring Status Report issued and sent to NYSDEC included recommendations for additional Phase Three Actions.
	2/12/2010	NYSDEC gives verbal ok to install multi level vibrating wire piezometer PZ-202 in existing probe hole PH-2
	2/18/2010	Tailrace Tunnel lift station shut off (at 1430 hours)and piping reconfigured so that all water drains by gravity to TDCS via abandoned casing for HF-303
23	2/23/2010	OM&M: Emerick pump lubrication and refitting VT Pump Control Panel with manual switch for LVT, also found LVT-1 had failed during the day - system running on LVT-2, drainwell testing and sampling, tunnel rock scaling. Residential Air Monitoring
24	2/24/2010	OM&M: tunnel rock scaling (1/2 day due to snow storm). Residential Air Monitoring
25	3/1/2010	Phase 4: Install Multi Level VW PZ-202 in PH-2; OM&M: tunnel rock scaling. Residential Air Monitoring, Hour Electric replaces tunnel lighting 277v with 120v system.
26	3/2/2010	Phase 4: Install Multi Level VW PZ-202 in PH-2; OM&M: tunnel rock scaling. Emerick replacing LVT -1 and LVT-2. Residential Air Monitoring
27	3/3/2010	Phase 4: Install Multi Level VW PZ-202 in PH-2; OM&M: tunnel rock scaling. Residential Air Monitoring
	3/4/2010	PZ-202 FIRST AUTOMATED READINGS sent to Geokon Data Logger in Electrical shed
	3/13/2010	PUMP FAILURE of Vertical Turbine Pump P2 and P1. Backup pump P3 (ABS submersible) running on float control.
	3/15/2010	Emerick investigating PUMP FAILURE. P2 was short cycling and tripped off due to over temperature and P1 did not start due to tripped breaker in control panel. Emerick reset P1 circuit breaker, and reprogrammed P1 and P2 to alternate every hour.
	3/18/2010	Emerick investigating PUMP FAILURE. P2 over temperature, P1 and P2 alternating every hour.
	3/22/2010	PUMP FAILURE of P2. Emerick replaced circuit board but P2 failed to start normally. Switched power lead to P2 with leads from controller for P1 - no change - conclusion is that motor should be inspected.
	3/23/2010	Level Transducer Failure. LVT-1 failed, switch to LVT-2
28	3/26/2010	EMERGENCY OM&M: Emerick Repair TDCS vertical turbine pump VTP-2 - motor failure locked up does not turn by hand- remove for repair. Performed greasing of P1 motor and reprogrammed P1 to run as single pump until P2 is repaired. Electrician found disconnected shield wire ground as cause of failure of LVT-1. Residential Air Monitoring
28	3/26/2010	GeoTrans collects samples of TDCS Sump water for full suite of tests.
	4/1/2010	P2 motor taken to Emerick repair shop, Northeast Electric Motors, where motor was found to be bound up but no cause for the binding could be determined during disassembly. All parts of the motor appeared normal and the motor was reassembled with new bearings, greased and tested successfully.
29	4/15/2010	EMERGENCY OM&M: Emerick Repair P2, install rebuilt drive motor and test run pump and reprogram P1 and P2 to alternate every 24 hours. Residential Air Monitoring
	5/17/2010	GT installed sampling port in TDCS process water line to water treatment plant and began collecting monthly samples for testing.
	8/11/2010	POWER OUTAGE at TDCS approximately 3 hours, the backup generator was started and manually switched over and provided power until grid power was restored.
30	9/13/2010	OM&M: Emerick vertical turbine pump maintenance and lubrication and Alpine in Tunnel 1 roof integrity inspection and scaling. Residential Air Monitoring
31	9/14/2010	OM&M: Tunnel 1, 2 and 3 roof integrity inspection and scaling, Convergence readings. Residential Air Monitoring
32	9/15/2010	OM&M: Tunnel 2 roof insp/scaling, Convergence rdgs, Replace MUX2, Brierley Inspection of shaft and tunnels. Residential Air Monitoring
33	9/16/2010	OM&M: debris removal, drainwell test/sample, DNAPL Sump Collect, Hydrogeologic Inspection. Residential Air Monitoring
34	9/17/2010	OM&M: Glens Falls Fire Department - familiarization and rescue drill - Tunnel 3. Residential Air Monitoring
	9/29/2010	Heavy Rainfall about 2 inches
	10/1/2010	Heavy Rainfall about 3 inches, TDCS flowrate up to 300 gpm with both vertical turbine pumps and ABS submersible backup pump. TDCS discharge flow was diverted temporarily to the emergency Mod-U tank in Building 2. The Village of Hudson Falls combined sewer overflow leaks into the Tailrace Tunnel and the drain to the TDCS through former casing for HF-303 was blocked with debris and water backed up in tailrace tunnel.

Table 5-2 TDCS PCB Air Monitoring Analytical Results

Date	Sample ID	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCB²
8/28/2009	RES-1	ND ³	83.3 PB ⁴	ND	87.5 AD ⁵	ND	ND	ND	170.8
	RES-2	ND	24.9 PB,J ⁶	ND	40.0 AD	ND	ND	ND	64.9
10/14/2009	RES-1	ND	ND	ND	ND	ND	ND	ND	ND
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2009	RES-1	ND	ND	ND	ND	ND	ND	ND	ND
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
10/19/2009	RES-1	ND	38.5 PB	ND	49.9 AD	ND	ND	ND	88.4
	RES-2	ND	ND	ND	34.0 AD	ND	ND	ND	34
10/20/2009	RES-1	ND	30.5 PB	ND	42.7 AD	ND	ND	ND	73.2
	RES-2	ND	ND	ND	41.8 AD	ND	ND	ND	41.8
10/21/2009	RES-1	ND	ND	ND	105 AD	ND	ND	ND	105
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2009	RES-1	ND	34.3 PB	ND	52.9 AD	ND	ND	ND	87.2
	RES-2	ND	ND	ND	54.3 AD	ND	ND	ND	54.3
10/29/2009	RES-1	ND	ND	ND	62.5 AD	ND	ND	ND	62.5
	RES-2	ND	ND	ND	65.9 AD	ND	ND	ND	65.9
10/30/2009	RES-1	ND	ND	ND	62.2 AD	ND	ND	ND	62.2
	RES-2	ND	ND	ND	62.2 AD	ND	ND	ND	62.2
11/2/2009 ⁷	RES-1	ND	ND	ND	48.1 AD	ND	ND	ND	48.1
	RES-2	ND	ND	ND	31.8 AD	ND	ND	ND	31.8
11/3/2009 ⁷	RES-1	ND	ND	ND	35.3 AD	ND	ND	ND	35.3
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
11/4/2009 ⁷	RES-1	ND	ND	ND	31.0 AD	ND	ND	ND	31
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
11/17/2009	RES-1	ND	ND	ND	ND	ND	ND	ND	ND
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2009	RES-1	ND	ND	ND	ND	ND	ND	ND	ND
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
11/19/2009	RES-1	ND	74.6 PB	ND	90.4 AD	ND	ND	ND	165
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
11/20/2009	RES-1	ND	ND	ND	45.4 AD	ND	ND	ND	45.4
	RES-2	ND	55.6 PB	ND	82.3 AD	ND	ND	ND	137.9
2/23/2010	RES-1	ND	ND	ND	26.2 AD,J	ND	ND	ND	26.2 J
	RES-2	ND	ND	ND	32.1 AD	ND	ND	ND	32.1
2/24/2010	RES-1	ND	ND	ND	23.9 AD,J	ND	ND	ND	23.9 J
	RES-2	ND	ND	ND	17.4 AD,J	ND	ND	ND	17.4 J

Table 5-2 TDCS PCB Air Monitoring Analytical Results

Date	Sample ID	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCB ²
3/2/2010	RES-1	ND	ND	ND	36.0 AD	ND	ND	ND	36
	RES-2	ND	ND	ND	32.3 AD	ND	ND	ND	32.3
3/3/2010	RES-1	ND	ND	ND	20.7 AD,J	ND	ND	ND	20.7 J
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
3/4/2010	RES-1	ND	ND	ND	22.4 AD,J	ND	ND	ND	22.4 J
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
3/26/2010	RES-1	ND	ND	ND	17.4 AD,J	ND	ND	ND	17.4 J
	RES-2	ND	ND	ND	ND	ND	ND	ND	ND
4/15/2010	RES-1	ND	ND	ND	60.3 AD	ND	ND	ND	60.3
	RES-2	ND	ND	ND	37.9 AD	ND	ND	ND	37.9
9/13/2010	RES-1	ND	ND	ND	82.8 AD	ND	ND	ND	82.8 AD
	RES-2	ND	ND	ND	54.8 AD	ND	ND	ND	54.8 AD
9/14/2010	RES-1	ND	ND	ND	70.9 AD	ND	ND	ND	70.9
	RES-2	ND	ND	ND	29.1 AD,J	ND	ND	ND	29.1 J
9/15/2010	RES-1	ND	ND	ND	37.7 AD	ND	ND	ND	37.7
	RES-2	NS ⁸	NS	NS	NS	NS	NS	NS	NS
9/16/2010	RES-1	ND	34.9 PB	ND	39.7 AD	ND	ND	ND	74.6
	RES-2	ND	ND	ND	32.6 AD	ND	ND	ND	32.6
9/17/2010	RES-1	ND	ND	ND	26 AD,J	ND	ND	ND	26 J
	RES-2	ND	ND	ND	35.8 AD	ND	ND	ND	35.8

Notes:

1. 24 hour composite samples analyzed by EPA Method TO-10A/EPA 8082 and reported in ng/m³ (parts per trillion).
2. Total PCB air monitoring results compared to the Hudson River Quality of Life (QOL) guidance value of 110 ng/m³. Concentrations above the Hudson River QOL guidance value (110 ng/m³) are shown in bold.
3. ND - Not detected, denotes analyte not detected at a concentration greater than the Practical Quantitation Limit (PQL).
4. PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample; actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCB present in a sample that has undergone environmental alteration.
5. AD - Aroclor 1242 is being reported as the best Aroclor match; the sample exhibits an altered PCB pattern.
6. J - Denotes an estimated concentration, the concentration is greater than or equal to the method detection limit but less than the PQL.
7. For samples collected on 11/2/09 -11/4/09, Laboratory Control Spike Duplicate (LCSD) percent recovery and relative percent difference (RPD) failed criteria due to an extraction equipment malfunction. Lab Control Spike (LCS) recoveries were within laboratory control limits.
8. NS - Not sampled, the Res-2 sample from September 15, 2010 was not analyzed because the sampler was destroyed.

Table 7-1 Recovery Wells Recommended for Decommissioning

Well	2010 Average Pumping Rate(GPM)	Total 2010 DNAPL Recovery (liters)	Comments
Bedrock Recovery Wells			
HF-45BD	0	Trace	Within TDCS capture zone, low pumping rate low DNAPL recovery
HF-54BS	0.45	5.75	Within TDCS capture zone, low pumping rate low DNAPL recovery
HF-63BD	0.42	2.9	Within TDCS capture zone, low pumping rate low DNAPL recovery
HF-65BD	0.22	5.5	Within TDCS capture zone, low pumping rate low DNAPL recovery
OBG-1	0.01	0	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-101	0.69	0.05	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-102	0.52	4.75	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-106	0.11	35.07	Within TDCS capture zone, low pumping rate
RW-107	0.53	3.57	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-108	0.27	6.23	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-109	0.58	1.77	Within TDCS capture zone, low pumping rate low DNAPL recovery
TOTAL	3.8	65.59	
Overburden Wells			
RW-1	0.47	1.64	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-3B	0.34	trace	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-4	0.52	0	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-5	0.39	0	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-6	0.13	0	Within TDCS capture zone, low pumping rate low DNAPL recovery
RW-7	0.6	0	Within TDCS capture zone, low pumping rate low DNAPL recovery
MH-4	<.01	0	Within TDCS capture zone, low pumping rate low DNAPL recovery
TOTAL	2.45	1.64	

Table 7-2 Recovery Wells Recommended for Redevelopment

Well	2010 Average Pumping Rate(GPM)	Average Pumping Water Level Elevation	Elevation of bottom of open interval	Total 2010 DNAPL Recovery (liters)
RW-100	2.49	82	33	15.07
RW-103	5.53	197	68	6.64
RW-104	1.97	112	96	18.72
RW-105	11.3	192	108	87.07
RW110	14.9	187	92	93.85
TOTAL	36.19			221.35