APPENDIX G

Well Development Records and Water Level Measurement Forms

G-1: Piezometer Records

G-2: Monitoring Well Records

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-1(D) AOC 2 Date: 7-12-05

Well Location: F-Corral Sample No:

Well / Site Description:

Weather: 95°F CLEAR

Well Construction Material: Sch 40 PVC Stick-Up (ft from gound surface to top of casing (TOC) 3.20

Well Interior Diameter (id) 2-IN Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one)

Static Water Level (w; ft from TOC or TOR - Circle one) Static Water Height (h = d - w; ft) 5.88

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: SREEN: 8-18 FT
DEPTH TO PRODUCT 5.88'
DEPTH TO WATER 9.09

shallow sample interval
MW-16 (1 of 3)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/12/05	1335	0	7.35	0.741	28.12	-107.1	1286.7	2.93	9.79	100mL/min
	1340		7.24	0.541	22.45	-77.8	1476.8	1.58		
	1350		7.12	0.595	25.20	-96.0	119.0	0.82		
	1355		7.11	0.601	25.19	-95.8	106.8	0.79		
	1400		7.10	0.626	24.93	-98.4	88.4	.77		
	1405		7.08	.649	24.91	-100.6	78.6	.76		
	1413		7.04	0.653	24.34	-98.7	126.4	0.76	9.70	
	1420		7.06	0.701	24.50	-102.1	68.2	0.72		
	1425		7.02	0.703	24.60	-202.3	68.5	0.72		
	1432		7.01	0.727	24.58	-102.3	65.3	0.71	9.69	
	1440		7.00	0.735	24.34	-101.4	61.6	0.71		
	1445		7.01	0.736	24.31	-101.2	61.3	0.71		
	1450		6.99	0.768	24.13	-101.1	53.3	0.69	9.70	
	1455		6.98	0.793	24.07	-101.5	46.2	.67		
	1500		6.96	0.801	24.01	-103.0	54.0	0.65	9.70	

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

shallow sample interval
MW-1B continued (2 of 3)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/2	1510		6.91	0828	24.12	-109.9	38.1	0.62		100 mL/min
	1515		6.91	0.830	24.[illegible]	[illegible]	40.5	0.62		
	1520		6.95	0.847	24.05	-108.3	39.5	0.60	9.69	
	1525		6.95	0.862	24.03	-106.7	37.1	0.59		
	1532		6.92	0.896	24.00	-106.0	45.0	0.57	9.69	
	1542		6.90	1.348	23.66	-107.9	28.7	0.55		
7/3	0810		6.66	1.069	23.26	-44.9	407.4	2.71	9.09	70 mL/min
	0815		6.60	0.990	22.94	-58.5	1164.6	1.82		
	0822		6.56	1.019	22.81	-64.1	563.4	1.99	9.32	
	0830		6.54	1.267	22.36	-72.5	170.2	1.80		
	0841		6.52	1.391	22.02	-81.0	59.6	1.20	9.31	
	0850		6.52	1.385	22.00	-81.4	50.1	1.12		
	0902		6.52	1.420	21.89	-82.0	36.1	1.04	9.31	
	0915		6.50	1.420	21.71	-87.4	18.8	0.81		
	0925		6.51	1.424	21.74	-83.4	12.5	0.72		

DTP 5.65
DTW 9.09

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Shallow Sample Interval

MW-16 continued (3 of 3)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/13	0940		6.51	1.391	21.88	-80.9	16.2	0.72	9.30	70 mL/min
	0951		6.51	1.182	22.38	-63.6	19.4	1.98		↓
		Packer leaking air - stop pumping to repair								
	1045		6.61	1.412	23.86	-83.9	1408.3	2.61	9.19	80 mL/min resume pump
	1102		6.50	1.337	22.39	-82.0	153.9	1.15	2.32	↓
	1116		6.52	1.384	22.93	-87.2	111.5	0.73		
	1127		6.52	1.395	22.76	-84.4	80.8	0.74	9.33	↓
	1137		6.52	1.403	22.72	-83.6	66.0	0.72		60 mL/min
	1217		6.51	1.527	23.64	-88.8	33.4	0.49		80 mL/min ← clean optic
	1228		6.50	1.531	23.77	-88.6	22.0	0.46	9.30	
	1239		6.50	1.529	23.56	-88.2	17.9	0.52		
	1249		6.50	1.550	23.47	-89.0	18.6	0.49	9.30	

Sample ID: 2-MW-01-GU-F-02 (unfiltered)
2-MW-01-GF-F-01 (filtered)

Receiving Laboratory:

Sample Collection Time: 1250 (unfiltered)
1255 (filtered)

Sample Parameters:

Sample Collection Personnel:

Page ___ of ___

MW-2 8/2/05 initial DTW 5.77' TOC page 1 of 1

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	gal		mS/cm²	°C	mV	NTU	mg/L	ft	mL/min
8/2/05	0752	0	6.76	1.137	27.76	-134.3	113.7	1.14	5.77	60
	0809		6.66	0.977	29.02	-155.5	7.6	0.63	6.09	50
	0822		6.57	0.963	29.19	-142.8	0.1	0.55	–	↓
	0839		6.50	1.075	29.37	-139.1	2.7	0.52	6.02	
↓	0845	1.5	6.48	1.106	29.38	-138.4	1.8	0.56	–	↓

Pumped dry - allow to recover before sampling

Sample ID: 2-MW-02-GU-P-01 0850 / 2-MW-02-GF-P-02

Receiving Laboratory:

Sample Collection Time: 8/2 0850

Sample Parameters:

Sample Collection Personnel: M Phillips

MW-3 (A) upper
DEPTH TO PRODUCT 5.61
DEPTH TO WATER 5.62

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/17	0835		5.80	1.104	24.35	-4.8	132.7	4.10		
	0840		5.81	1.384	24.72	-22.6	120.3	4.14		
	0850		5.92	1.319	24.81	-37.8	38.4	2.81		
	0855		5.99	1.292	24.85	-45.5	25.7	2.41		
	0900		6.02	1.263	24.65	-48.9	20.6	2.33		
	0905		6.06	1.252	24.94	-52.9	75.3	2.09		
	0910		6.07	1.266	25.31	-53.4	189.3	1.96	5.86'	90 mL/min
	0915		6.09	1.225	24.54	-53.1	46.0	1.85		
	0920		6.09	1.230	24.59	-56.1	43.2	1.86	5.88'	
	0925		6.11	1.226	24.65	-58.9	1302.6	1.83		
	0930		6.13	1.219	24.69	-59.0	8.9	1.76		
	0935		6.14	1.216	24.76	-57.7	15.6	1.77		
	0940		6.15	1.210	24.60	-57.9	1.8	1.76		
	0945		6.15	1.192	24.51	-57.1	41.1	1.69		
	0950		6.17	1.183	24.45	-58.1	35.1	1.68		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel: J. A. KAPP

MW-3 upper

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/17	0955		6.15	1.186	24.38	-57.2	255.8	1.73	5.88'	90 mL/min
	1000		6.17	1.191	24.56	-59.4	1.7	1.63		
	1010		6.19	1.197	24.75	-62.6	56.7	1.53		
	1015		6.20	1.193	24.82	-63.9	202.4	1.61		
	1020		6.21	1.196	24.87	-66.3	28.6	1.47		
	1025		6.21	1.192	24.81	-67.2	230.6	1.57		
	1030		6.22	1.200	24.97	-68.9	58.6	1.58		
	1035		6.23	1.197	25.13	-71.1	670.8	1.38		
	1040		6.24	1.206	25.28	-73.3	32.8	1.47		
	1045		6.24	1.229	25.43	-75.4	-1.3	1.45		
	1050		6.26	1.239	25.81	-79.3	10.1	1.39		
	1055		6.27	1.241	25.77	-80.2	4.3	1.43		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-3 (B) lower

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/17	1405		6.46	1.362	27.35	-84.1	1681.8	18.89	5.65	90mL/min
	1410		6.39	1.326	27.13	-85.9	1609.6	8.37		
	1415		6.37	1.310	26.98	-87.2	1416.3	7.05		
	1420		6.37	1.225	25.22	-94.8	1502.6	5.73		
	1425		6.35	1.219	25.29	-95.2	1319.8	5.40		
	1430		6.35	1.209	25.51	-99.7	1126.9	4.82		
	1435		6.35	1.182	25.13	-101.5	718.2	4.54		
	1440		6.35	1.182	25.36	-103.4	720.0	3.60		
	1445		6.43	1.186	25.77	-112.2	383.3	3.60		
	1450		6.46	1.187	25.61	-114.3	233.6	3.26		
	1455		6.48	1.180	25.37	-116.4	479.8	1.79		
	1500		6.49	1.173	25.24	-116.3	292.2	2.39		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-3 LOWER

UNLEADED

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/18	0805		6.72	1.182	24.86	-90.0	813.0	4.14	5.65	90 mL/MIN
	0810		6.34	1.196	23.78	-90.9	1248.2	4.75		
	0815		6.29	1.132	23.79	-93.0	776.1	4.20		
	0820		6.27	1.113	23.45	-94.7	435.9	3.75		
	0825		6.28	1.107	23.34	-97.2	374.5	3.47		
	0830		6.29	1.111	23.37	-100.7	285.4	3.22	5.76	
	0835		6.31	1.117	23.47	-104.1	281.2	2.97		
	0840		6.34	1.123	23.49	-108.5	215.4	2.76		
	0845		6.35	1.126	23.52	-110.9	220.6	2.63		
	0850		6.36	1.131	23.61	-112.7	174.4	2.41		
	0855		6.37	1.181	23.49	-114.8	173.5	2.21		
	0900		6.39	1.130	23.46	-116.7	145.5	2.07	5.77	
	0905		6.40	1.128	23.40	-118.6	133.4	1.93		
	0910		6.40	1.132	23.47	-119.4	121.0	1.86		
	0915		6.40	1.137	23.59	-120.1	115.5	1.66		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-3 LOWER

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/18	0920		6.40	1.136	23.53	-120.5	99.2	1.59		90mL/min
	0925		6.41	1.138	23.65	-121.5	94.2	1.63		
	0930		6.41	1.143	23.70	-121.9	86.8	1.43	5.77	
	0935		6.42	1.142	23.67	-122.2	79.0	1.47		
	0940		6.41	1.148	23.82	-122.6	74.4	1.41		
	0945		6.41	1.155	23.76	-122.4	105.5	1.28		
	0950		6.41	1.154	23.64	-122.7	81.4	1.27		
	0955		6.40	1.164	23.93	-122.5	61.1	1.26		
	1000		6.41	1.169	23.98	-123.2	66.4	1.22	5.75	
	1005		6.41	1.177	24.16	-123.1	42.5	1.14		
	1010		6.43	1.173	24.00	-121.5	58.7	1.02		
	1015		6.41	1.176	23.91	-121.6	41.8	1.09		
	1020		6.41	1.175	23.75	-121.3	56.1	1.15		
	1025		6.40	1.185	23.93	-121.7	36.4	0.99		
	1030		6.38	1.186	23.75	-120.6	49.8	0.97	5.75	

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-3 Low-Flow

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/18	1035		6.38	1.197	23.82	-120.0	34.1	1.03		
	1040		6.37	1.201	23.87	-118.9	43.6	0.87		
	1045		6.37	1.206	23.80	-118.7	34.8	1.21		
	1050		6.38	1.208	23.93	-119.6	74.2	1.03		
	1055		6.38	1.209	23.93	-120.4	34.8	0.76		
	1100		6.40	1.212	24.19	-122.6	39.8	0.97		
	1105		6.39	1.215	24.23	-122.9	19.6	0.91		
	1110		6.40	1.206	23.89	-122.7	39.7	0.97		
	1115		6.39	1.212	24.03	-122.4	25.9	0.99		
	1120		6.39	1.215	24.18	-122.6	41.0	0.93		
	1250		6.75	1.324	28.60	-143.7	82.3	6.62		
	1255		6.59	1.169	24.25	-131.5	115.5	3.94		
	1300		6.44	1.208	24.18	-119.4	459.6	1.98		
	1305		6.48	1.218	24.19	-118.4	318.3	2.18		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-3 LOWER

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/18	1310		6.42	1.216	24.21	-118.6	249.6	1.57		
	1315		6.40	1.207	23.72	-118.4	109.6	1.24		
	1320		6.40	1.208	23.61	-119.4	110.6	0.98		
	1325		6.40	1.209	23.48	-119.8	81.6	1.02		
	1330		6.41	1.215	24.06	-121.1	38.6	0.84	5.78	
	1335		6.42	1.218	24.25	-122.3	40.7	0.81		
	1340		6.43	1.212	24.15	-123.1	42.7	0.89		
	1345		6.43	1.224	23.96	-123.1	39.1	0.84		
	1350		6.42	1.220	23.87	-123.1	196.8	0.86		
	1355		6.43	1.230	24.32	-124.2	176.3	0.73		
	1400		6.42	1.218	23.86	-123.0	39.5	0.65	5.77	
	1405		6.41	1.210	23.75	-123.1	75.2	0.70		
	1410		6.40	1.211	23.72	-122.8	42.8	0.73		
	1415		6.39	1.224	23.99	-122.7	598.6	0.78		
	1420		6.39	1.228	24.16	-123.1	330.1	0.51		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-5 Deep

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/18	1425		6.38	1.220	23.63	-122.2	130.6	0.71		90 mL/min
	1430		6.37	1.218	23.50	-121.7	435.7	0.60		
	1435		6.36	1.225	23.49	-120.7	131.1	0.63		
	1440		6.38	1.222	23.48	-122.4	121.1	0.78		
	1445		6.38	1.236	23.60	-122.4	182.3	0.71		
	1450		6.37	1.237	23.61	-122.1	84.4	0.60		
	1455		6.38	1.239	23.73	-122.4	191.2	0.78		
	1500		6.38	1.249	23.97	-123.2	126.8	0.65		
	1505		6.39	1.247	23.89	-123.5	52.6	0.66		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-4 7/26/05

Initial DTW 6.40 TOC DO 0.0

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units				mS/cm²	°C	mV	NTU	mg/L	ft TOC	mL/min
7/26/05	0815		6.50	2.195	23.49	-92.0	81.4	1.67	6.40	100
	0822		6.34	2.234	24.31	-87.2	-4.0	0.79	6.59	
	0829		6.33	2.225	24.81	-85.1	-2.5	0.74	6.61	
	0836		6.33	2.230	25.05	-83.6	-0.3	0.73	6.60	
	0846		6.18	2.207	24.87	-76.5	-4.7	0.64	6.60	
	0856		6.11	2.181	25.06	-73.8	-4.0	0.61	6.61	
	stop pumping to recalibrate "zero" turbidity with DI H_2O									
	read 0.0 NTU, calibrate to 0.0 NTU. 0940 resume pumping									
	0940		6.21	2.046	28.83	-59.5	-6.4	1.87	6.59	
	1017		5.81	1.993	27.89	-51.2	—	0.78	6.60	
	1025		5.00	1.894	24.24	-36.0	19.0	0.63	6.61	use Hach test kit for turb
	1034		5.13	1.862	24.66	-41.6	—	0.58	6.61	
	1045		5.50	1.846	24.73	-49.9	11.0	0.58	6.60	
	1053		5.53	1.840	24.90	-52.4	—	0.57	6.61	
	1055 - collect sample									

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1055 Sample Parameters: _____

Sample Collection Personnel: M Phillips

MW-5 LOWER

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/26	0915		7.02	1.586	29.18	158.6	-3.1	1.69		80 mL/min
	0920		7.03	1.503	26.15	-152.4	-2.8	1.40		
	0925		6.91	1.470	25.32	-136.8	-1.3	1.26		
	0930		6.90	1.448	24.45	-137.4	720.1	1.26		
	0935		6.89	1.371	24.62	-138.5	-2.2	1.22		
	0940		6.89	1.435	24.86	-140.2	-2.3	1.22		
	0945		6.90	1.445	25.38	-141.0	-2.8	1.17		
	0950		6.89	1.366	25.36	-139.6	-2.7	1.19		
	0955		6.92	1.433	26.35	-140.5	1008.7	1.05		
	1000		6.95	1.500	27.63	-144.9	901.4	1.07	5.99'	
	1005		6.99	1.553	28.76	-146.8	1014.6	1.05		
	1010		7.01	1.586	29.54	-148.6	1009.0	1.00		
	1015		7.02	1.606	30.49	-151.9	931.1	1.00		
									5.99'	

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel: JEFF KAPP

DNAPL PRESENT
NO WATER SAMPLE

MW-5 (UPPER)

PP. 1-9 SCANNED/UPLOADED

MW-5 (UPPER)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/19	0835		6.84	1.391	27.00	-146.8	14.7	2.16	5.79'	90 mL/min
	0840		6.78	1.396	27.52	-150.1	17.2	1.93		
	0845		6.77	1.400	28.49	-140.1	44.3	2.41		
	0855		6.62	1.571	25.94	-119.8	1801.3	3.82		
	0900		6.50	1.613	25.28	-130.2	1172.4	3.74	6.31'	
	0905		6.52	1.577	25.21	-141.2	832.3	3.20		
	0910		6.55	1.594	26.11	-149.6	826.6	2.71		
	0915		6.57	1.585	25.88	-154.5	1064.3	2.49		
	0920		6.60	1.583	25.87	-158.9	627.3	2.34		
	0925		6.62	1.570	25.53	-161.8	562.5	2.26		
	0930		6.62	1.568	25.56	-163.9	516.0	2.21	6.26'	
	0935		6.66	1.571	25.72	-169.3	412.8	2.02		
	0940		6.66	1.572	25.57	-169.8	330.2	1.93		
	0945		6.68	1.577	25.70	-172.3	307.4	1.88		
	0950		6.68	1.572	25.42	-173.3	267.5	1.85		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

PID 0.2 ppm inside casing
0.0 ppm breathing zone

initial DTW 5.79' TOC
no product detected

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units:										
7/19	0955		6.69	1.570	25.36	-173.0	290.1	1.79		90mL/MIN
	1000		6.70	1.589	25.75	-169.7	267.9	1.66	6.32	
	1005		6.71	1.582	25.53	-165.2	203.1	1.49		
	1010		6.70	1.581	25.46	-165.2	206.4	1.50		
	1015		6.70	1.576	25.22	-163.6	188.3	1.43		
	1020		6.70	1.581	25.33	-159.7	182.7	1.48		
	1025		6.71	1.591	25.54	-158.4	175.6	1.47		
	1030		6.72	1.588	25.48	-158.4	210.1	1.43	6.37	
	1035		6.71	1.576	24.88	-150.2	286.1	1.46		
	1040		6.70	1.578	25.01	-151.9	289.6	1.28		
	1045		6.70	1.584	25.10	-155.7	230.2	1.28		
	1050		6.70	1.576	24.91	-152.9	226.9	1.09		
	1055		6.69	1.570	24.50	-151.4	203.5	1.25		
	1100		6.67	1.572	24.45	-148.5	217.7	1.19	6.44	
	1105		6.68	1.575	24.55	-151.2	184.8	1.03		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/19	1110		6.69	1.592	25.21	-152.5	221.0	1.05		90 mL/min
	1115		6.70	1.587	25.00	-156.3	194.0	1.05		
	1120		6.71	1.589	25.09	-160.0	186.0	1.07		
	1125		6.70	1.596	25.17	-159.2	208.9	1.05		
	1130		6.72	1.589	25.01	-159.6	219.8	1.02	6.47	
	1245		6.96	1.751	29.20	-167.7	168.8	3.17	5.99	
	1250		6.77	1.600	25.26	-164.2	237.3	1.94		
	1255		6.74	1.581	25.27	-166.9	309.9	1.57		
	1300		6.74	1.580	25.06	-170.0	318.6	1.55		
	1305		6.75	1.601	25.69	-172.8	206.1	1.06		
	1310		6.74	1.590	25.35	-171.1	128.3	1.09		
	1315		6.72	1.575	24.90	-170.0	117.9	0.53		
	1320		6.71	1.584	25.14	-169.3	130.3	0.85		
	1325		6.71	1.597	25.57	-170.3	182.1	0.75		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/19	1340		6.72	1.617	25.88	-172.1	138.8	0.79	6.36	90mL/min
	1345		6.71	1.631	26.17	-171.3	149.6	0.63		
	1350		6.71	1.634	26.17	-171.6	156.3	0.48		
	1355		6.70	1.618	25.85	-169.8	129.8	0.72		
	1400		6.69	1.588	25.03	-168.9	135.2	0.59	6.48	
	1405		6.66	1.583	24.89	-167.2	180.1	0.67		
	1410		6.68	1.609	25.26	-168.0	194.8	0.35		
	1415		6.69	1.614	25.67	-170.0	166.8	0.59		
	1420		6.69	1.596	25.27	-169.2	181.2	0.63		
	1425		6.70	1.606	25.42	-170.3	184.7	0.56		
	1430		6.69	1.608	25.58	-170.1	167.3	0.58		
	1435		6.69	1.586	24.96	-169.9	144.2	0.48		
	1440		6.67	1.602	25.06	-169.3	175.3	0.18		
	1445		6.68	1.626	25.70	-170.3	161.5	0.62		
	1450		6.67	1.627	25.65	-169.9	165.2	0.48		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	
	Units										
7/19	1455		6.68	1.608	25.15	-169.7	188.3	0.30		90mL/min	
	1500		6.66	1.597	24.84	-169.5	156.1	0.43			
	1505		6.66	1.634	25.64	-168.8	151.2	0.47			
	1510		6.66	1.662	25.00	-165.0	1858.6	0.43	6.28'		- MOVED PACKER 1' DOWN NOW AT 10'
	1515		6.59	1.735	25.48	-161.6	1807.2	0.59			
	1520		6.54	1.742	25.48	-161.9	1349.1	0.58			
	1525		6.51	1.698	24.49	-160.8	411.0	0.29			
	1530		6.52	1.697	24.64	-160.0	266.2	0.53			
7/20	0745		6.99	1.663	24.64	-89.6	370.4	5.15	5.90	90 mL/min	
	0750		6.77	1.664	23.74	-122.7	102.9	3.30			
	0755		6.81	1.693	23.29	-134.9	49.1	2.86			
	0800		6.85	1.623	23.30	-145.4	56.1	2.62	6.50	80 mL/min	
	0805		6.88	1.615	23.34	-152.6	37.0	2.44			
	0810		6.89	1.631	23.92	-156.6	80.6	2.38			

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/20	0815		6.91	1.623	23.94	-158.7	46.1	2.92	6.91	80mL/min
	0820		6.93	1.627	24.13	-161.1	34.9	2.41		
	0825		6.92	1.607	23.85	-160.3	32.1	2.37		
	0830		6.93	1.619	24.09	-161.8	47.9	2.36	6.97	
	0835		6.93	1.630	24.29	-162.5	41.5	2.34		
	0840		6.93	1.632	24.34	-163.7	44.9	2.16		
	0845		6.93	1.637	24.41	-164.1	57.9	2.21		
	0850		6.92	1.642	24.46	-164.1	42.2	2.13		
	0855		6.92	1.622	24.08	-162.6	42.5	1.95		
	0900		6.91	1.622	23.88	-161.8	69.2	2.02	6.55	
	0905		6.90	1.643	24.20	-163.0	67.7	2.01		
	0910		6.91	1.666	24.63	-163.6	38.2	1.86		
	0915		6.90	1.661	24.34	-163.1	33.7	1.89		
	0920		6.89	1.650	24.27	-162.5	32.4	1.85		
	0925		6.89	1.664	24.60	-162.2	39.1	1.79		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/20	0930		6.89	1.658	24.40	-161.3	42.6	1.84	6.55'	80mL/min
	0935		6.88	1.670	24.71	-162.9	61.6	1.36		
	0940		6.89	1.667	24.74	-163.5	56.6	1.58		
	0945		6.89	1.674	24.85	-164.3	55.4	1.51		
	0950		6.89	1.675	24.87	-164.0	64.0	1.38		
	0955		6.88	1.667	24.74	-163.4	54.3	1.24		
	1000		6.88	1.674	24.88	-163.0	53.6	1.25	6.55'	
	1005		6.88	1.672	24.94	-163.5	84.3	1.17		
	1010		6.89	1.680	25.09	-164.8	78.5	1.18		
	1015		6.88	1.683	25.19	-164.6	61.7	1.08		
	1020		6.88	1.683	25.18	-164.5	64.1	1.03		
	1025		6.85	1.685	25.26	-165.6	119.5	1.00		
	1030		6.89	1.674	25.02	-165.4	123.8	1.05		
	1035		6.89	1.674	24.98	-166.0	179.3	0.86		
	1040		6.90	1.673	24.98	-166.8	122.7	0.88		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/20	1045		6.91	1.680	25.11	-165.9	98.5	0.81		
	1050		6.91	1.687	25.37	-166.6	171.9	0.84		
	1055		6.92	1.689	25.33	-168.4	126.3	0.68		
	1100		6.91	1.688	25.40	-168.4	141.6	0.80		
	1105		6.92	1695	25.68	-168.2	116.8	0.75		
	1110		6.92	1.690	25.46	-169.3	154.1	0.81		
	1115		6.93	1.699	25.40	-169.8	129.9	0.85		
	1120		6.92	1.706	25.57	-170.2	111.9	0.54		
	1125		6.93	1.711	25.77	-170.6	180.1	0.82		
	1130		6.92	1.715	25.86	-171.3	334.8	0.57		
	1245		7.11	2.138	37.21	-175.3	189.0	1.08		
	1250		7.07	1.690	26.19	-162.9	127.4	4.83		
	1255		6.99	1.696	26.34	-165.9	222.8	2.44		
	1300		6.96	1.683	25.94	-167.2	232.9	2.49		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
7/20	1305		6.95	1.696	26.08	-169.4	162.2	1.75		80 mL/min
	1310		6.99	1.706	26.13	-169.2	135.8	0.99		
	1315		6.93	1.715	26.11	-169.5	107.9	1.29		
	1320		6.93	1.688	25.56	-168.3	105.3	1.07		

Sample ID: 2-MW-05-GF-P-01
" " " -GU- " 02

Receiving Laboratory: PARAGON

Sample Collection Time: 1320 F 1400 U

Sample Parameters: F/U Iso U Rad222, TAL metals
anions/cations
VOCs - unfiltered only

Sample Collection Personnel: J. Kapp
M. Phillips

CABRERA SERVICES
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TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-6 Date: 8/2/05

Well Location: Sample No:

Well / Site Description:

Weather: CLEAR [redacted] HOT

Well Construction Material: 2" PVC Stick-Up (ft from gound surface to top of casing (TOC) 2.85'

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 9.35'

Static Water Level (w; ft from TOC or TOR - Circle one) 5.58' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min): 95

Volume Removed (gal) / (L): 5 GAL Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 5 GAL

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units										
8/2/05	0835		6.94	0.859	27.22	-130.1	102.0	0.49	5.58'	80mL/min ±
	0840		6.99	0.857	27.38	-168.1	85.6	0.18		
	0845		6.96	0.856	27.67	-150.6	45.6	0.14		
	0850		6.94	0.850	27.94	-121.9	24.2	0.12		
	0855		6.94	0.851	28.12	-130.9	14.6	0.10		
	0900		6.92	0.857	28.23	-122.4	9.3	0.08	6.27'	
	0905		6.91	0.857	28.44	-126.3	8.5	0.05		
	0910		6.91	0.857	28.49	-124.6	6.9	0.03		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW - 7 Date: 8/2/05

Well Location: Sample No:

Well / Site Description:

Weather: CLEAR HOT

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) 2.85'

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 22.15'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 5.90' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 80 ML/MIN ± Pump Time (min):

Volume Removed (gal) / (L): 6 GAL Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 6.0 GAL

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
8/2/05	1300		6.77	Ø.776	41.23	-174.5	5.8	Ø.Ø4		
	1305		6.68	Ø.79Ø	28.88	-172.2	3.3	Ø.ØØ		
	131Ø		6.69	Ø.798	28.Ø4	-177.1	1.7	Ø.Ø8		
	1315		6.7Ø	Ø.8Ø2	28.Ø8	-177.3	< 1Ø.Ø	Ø.1Ø		
	132Ø		6.7Ø	Ø.8Ø7	27.79	-177.1	3.7	Ø.11		
	1325		6.72	Ø.809	27.97	-171.9	3.2	Ø.14		
	133Ø		6.73	Ø.812	2826	-172.2	3.8	Ø.15		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

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TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-8 (A)

Date: 8/3/05

Well Location: Dupont

Sample No:

Well / Site Description: IF Corral

Weather: CLEAR HOT

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC) 3.30'

Well Interior Diameter (id) 2"

Well Interior radius (id/2)

Distance from TOC to Top of Riser (TOR):

Well Depth (d; ft from (TOC) or TOR - Circle one) 9.65'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 6.31'

Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .08 L/min

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min):

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

Sampler GB

MW-8

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	
	Units										
8/3/05	0835		8.53	0.893	27.90	-5.83	0 < 10	0.61	6.31'	80 mL/min ±	
	0840		9.63	0.898	28.32	-178.9	< 10.0	0.38			
	0845		10.59	0.986	28.65	-278.0	< 10.0	0.20			
	0850		10.78	1.085	28.41	-314.5	< 10.0	0.06			
	0855		10.87	1.080	28.46	-338.4	< 10.0	0.11			
	0900		10.81	1.043	29.43	-269.5	< 10.0	1.50			
	0905		10.23	0.955	29.44	-243.7	< 10.0	1.53			
8/8/05	1250								6.61'	80 mL/min	start sampling
	1330								7.20'		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-9 Date: 8/3/05

Well Location: Sample No:

Well / Site Description:

Weather: CLEAR HOT

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) 2.60'

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 22.77'

Static Water Level (w; ft from TOC or TOR - Circle one) 3.81' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 80 ML/MIN ± Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 6 GAL

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
8/3/05	0925		6.79	0.711	27.18	-126.9	11.2	0.81	3.81'	80 ML/MIN ±
	0930		6.55	0.681	25.80	-121.1	13.1	0.34		
	0935		6.52	0.675	25.31	-125.4	<10.0	0.20		
	0940		6.51	0.672	25.01	-129.8	11.9	0.13		
	0945		6.51	0.671	24.89	-130.2	<10.0	0.12		
	0950		6.51	0.670	24.73	-133.7	<10.0	0.11		
	0955		6.51	0.667	24.87	-136.9	<10.0	0.08		
	1000		6.51	0.664	24.80	-138.7	<10.0	0.09		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES
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TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 10 Date: 8/9

Well Location: Dupont Sample No:

Well / Site Description: F Corral

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 9.2'

Static Water Level (w; ft from TOC or TOR - Circle one) 6.9'-7.9' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .05-.08 L/min Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: Sampler: GB

FIELD SAMPLE PARAMETERS Well #10

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate 08 5/12/05 80
Units										
8/9	0845		8.36	Ø.842	24.00	-197.3	10.0	0.20	7.28'	~~0.8~~ mL/min
	0850		8.58	Ø.833	23.90	-177.9	<10.0	1.09	8.20'	50 ~~0.5~~ mL/min
	0855		8.48	Ø.838	23.64	-158.1	<10.0	1.84		250 ~~0.5~~ mL/min
	0900		8.42	Ø.841	23.54	-142.5	<10.0	2.66		
	0905		8.39	Ø.843	23.48	-124.8	13.6	2.74		
	0915		8.03	Ø.860	23.40	-146.7	21.9	2.02		0.8 mL/min
	0928		8.00	Ø.862	23.50	-130.4	30.2	3.32		
	1448		8.27	Ø.884	25.73	-42.9	34.6	3.28	7.90'	
	1452		8.24	Ø.886	25.60	6.6	77.4	2.33		
	1503		8.25	Ø.882	25.54	17.4	57.3	2.25		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 10 (cont.)

Date: 8/10/05

Well Location: Dupont

Sample No:

Well / Site Description: Floral

Weather:

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one): 9.3'

Static Water Level (w; ft from TOC or TOR - Circle one): 6.9'

Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .08 L/min

Pump Time (min):

Volume Removed (gal) / (L):

Did Well Go Dry?: (YES) (NO)

Recovery Time (min):

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: Sampler GB

Well #10 (cont

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units				3		GG 8/10			
					~~30.10~~	~~-10.9~~	~~11.0~~			
8/10/05	1415		7.47	0.897	30.10	-10.9	11.0	0.98	6.9	80mL/min
	1420		7.55	0.902	29.16	-7.5	9.5	0.47		
	1425		7.77	0.898	29.28	-67.0	6.9	0.13		
	1430		8.00	0.890	29.42	-119.4	5.8	0.10		
	1435		7.94	0.885	29.63	-113.8	4.8	0.10		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 11 Date: 8/9/05

Well Location: Dupont Sample No:

Well / Site Description: F Corral

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 22'

Static Water Level (w; ft from TOC or TOR - Circle one) 7.5' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .1 Lpm Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Sampler GB

FIELD SAMPLE PARAMETERS Well #11

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	
	Units								7.5'		
8/9	1110		11.45	1.243	23.50	-320.9	<10.0	0.57		120mL/min	
	1115		11.48	1.248	23.30	-342.6	<10.0	0.17		"	
	1120		11.49	1.244	22.99	-352.8	<10.0	0.09			
	1125		11.49	1.238	22.75	-347.9	<10.0	0.07	8.5'	↓ 100mL/min	Decreased pump rate
	1130		11.49	1.224	22.58	-359.9	<10.0	0.07			

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-12 Date: 8/3/05

Well Location: DuPont Sample No:

Well / Site Description: F-Coral

Weather: 90's Sunny

Well Construction Material: sch 40 PVC Stick-Up (ft from gound surface to top of casing (TOC) ~3 ft

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR): 2"

Well Interior radius (id/2) 1"

Well Depth (d; ft from TOC or TOR - Circle one)

Static Water Level (w; ft from TOC or TOR - Circle one) 5.06 Static Water Height (h = d - w; ft)

Purging Method: low-flow Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 40 mL/min Pump Time (min): 40

Volume Removed (gal) / (L): 2L Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW13

Date: 8/12/05

Well Location: DuPont

Sample No: 3-MW-13-GF-P-01
3-MW-13-GW-P-02

Well / Site Description: F-Canal

Weather: 90s sunny

Well Construction Material: sch 40 PVC

Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 2"

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from ~~TOC~~ or TOR - Circle one) 21.99

Static Water Level (w; ft from ~~TOC~~ or TOR - Circle one) 7.27

Static Water Height (h = d - w; ft)

Purging Method: Low Flow

Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Pump Time (min): 60

Volume Removed (gal) / (L):

Did Well Go Dry?: (YES) (NO)

Recovery Time (min):

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units		gal	mV	ms/cm²	°C		NTU	mg/L	ft	mL/min
8/12/05	0825	0	5.56	3.341	25.44	19.0	1643.4	3.67	7.27	200 mL/min
	0834		4.94	3.492	24.04	21.8	731.2	1.66	7.68	80
	0843		4.95	3.521	24.35	21.6	193.1	1.24	7.64	
	0453		4.88	3.505	23.71	27.0	70.5	1.02	-	
	0900		4.87	3.500	23.77	27.2	58.3	0.93	7.69	
	0907		4.89	3.479	24.26	24.1	45.3	0.93	-	
	0915		4.93	3.484	24.50	18.7	11.3	0.85	7.65	
	0920	↓	4.94	3.466	24.72	17.6	7.0	0.83	-	
	0925	1.5	4.97	3.446	25.35	17.9	3.2	0.85	7.62	↓

Sample ID: S-MW-13-GF-P-01
S-MW-13-GU-P-02

Receiving Laboratory:

Sample Collection Time: 0930

Sample Parameters:

Sample Collection Personnel: M Williams

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 14 Date: 8/12/05

Well Location: Dupont Sample No:

Well / Site Description: F Corral

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 22.5'

Static Water Level (w; ft from TOC or TOR - Circle one) 7.6' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .12 L/min Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Samples GB

Well #14 Sampler: GB

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
8/12/05	~~845~~				~~23.87~~					
	845		6.98	2.504	23.83	-86.2	4.3	0.50	7.6'	120 mL/min
	850		7.08	2.582	24.65	-115.2	4.2	0.30		
	855		7.08	2.577	24.88	-115.0	2.5	0.27		
	900		7.08	2.608	24.93	-111.4	0.3	0.18		
	905		7.06	2.659	24.78	-102.9	<10.0	0.16		
	910		7.05	2.710	24.69	-102.4	<10.0	0.14		
										start sampling

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-15 8/2/05 initial DTW 6.03 page 1 of 1

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	gal		mS/cm²	°C	mV	NTU	mg/L		~~mL/min~~ mL/min
8/2/05	1325	0	7.09	1.505	33.88	-157.1	3.5	1.57	6.03	50
	1330		6.68	1.486	33.60	-152.6	6.2	1.08	6.49	<10
	1335		6.41	1.472	32.70	-145.1	8.8	0.82	6.68	
	1340		6.36	1.475	33.10	-146.7	6.0	0.74	—	
	1345		6.38	1.483	33.42	-149.2	0.4	0.70	7.84	
	1350		6.37	1.488	33.13	-148.0	1.5	0.68	—	
	1355	0.3	6.42	1.476	34.15	-137.6	<1	0.67	dry	

pumped dry - allow to recover before sampling

Sample ID: 1-MW-15-GF-P-01
1-MW-15-GU-P-02

Sample Collection Time: 1900 8/3/05

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel: M Phillips

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CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-16 Date: 8/11/05

Well Location: DuPont Sample No: 2-MW-16-GF-A-01
2-MW-16-GV-A-02

Well / Site Description: F-Corral

Weather:

Well Construction Material: sch 40 PVC Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) ~11'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 5.18' Static Water Height (h = d - w; ft)

Purging Method: Low flow Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min): 90

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-16 Date: 8/11/05

Well Location: Sample No:

Well / Site Description:

Weather: 90's sunny

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 19.98

Static Water Level (w; ft from (TOC) or TOR - Circle one) 5.18 Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

MW-16

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
8/11/05	Purge ~ 2 L before connecting YSI								5.18	
8/11/05	0845	0	8.83	2.050	25.85	-228.2	191.4	0.36	5.21	200mL/min
	0854		9.00	2.036	25.38	-360.9	111.6	0.38	-	
	0907		8.99	1.976	25.26	-385.6	42.9	0.41	5.22	
	0920		8.66	1.917	25.12	-388.7	23.2	0.42	5.22	
	0930		8.68	1.900	25.20	-388.8	17.0	0.42	-	
	0937		8.77	1.844	25.03	-390.8	19.6	0.44	5.22	
	0943		8.78	1.841	25.40	-394.0	20.5	0.45	-	
	0949		8.78	1.842	25.40	-394.5	18.8	0.46	5.23	
	0955		8.77	1.890	25.17	-395.3	15.7	0.44	-	
	1000		7.77	1.892	25.25	-396.1	13.8	0.48	5.22	
	1006		8.79	1.897	25.49	-398.2	11.8	0.47	-	
	1011		8.80	1.899	25.61	-399.3	11.1	0.46	5.22	
	1016	5.0	8.80	1.902	25.52	-399.8	10.2	0.46	5.22	

Sample ID: 2-MW-16-GF-P-01
2-MW-16-GU-P-02

Sample Collection Time: 1020

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel: M Phillips

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 17

Date: 8/10/05

Well Location: Dupont

Sample No: _____

Well / Site Description: F Corral

Weather: _____

Well Construction Material: _____

Stick-Up (ft from gound surface to top of casing (TOC) _____

Well Interior Diameter (id) _____

Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from TOC or TOR - Circle one) ~~9.5~~ 22'

Static Water Level (w; ft from TOC or TOR - Circle one) 6.2'

Static Water Height (h = d - w; ft) _____

Purging Method: _____

Purging Equipment: _____

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): .15 L/min

Pump Time (min): _____

Volume Removed (gal) / (L): _____

Did Well Go Dry?: (YES) (NO)

Recovery Time (min): _____

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes: Sampler GB

Well #17

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
8/10/05	Units									
	1045		6.68	Ø.872	25.17	-122.3	27.8	0.15	6.2'	150mL/min
	1050		6.66	Ø.865	25.14	-119.7	21.2	0.14		
	1055		6.64	Ø.856	25.09	-102.4	18.3	0.13		
	1100		6.64	Ø.848	25.41	-108.4	16.4	0.12		
	1105		6.62	Ø.839	25.76	-109.2	13.5	0.12		
	1110		6.61	Ø.827	25.70	-110.0	12.7	0.12		
	1115		6.60	Ø.822	25.21	-109.2	11.2	0.13	6.2'	
	1120		6.58	Ø.816	24.92	-109.6	11.0	0.14		
	1125		6.58	Ø.815	24.51	-110.9	12.2	0.14		
	1130		6.57	Ø.812	24.35	-109.6	11.9	0.13		
	1135		6.57	Ø.811	24.34	-110.8	9.8	0.13		
	1140		6.57	Ø.810	24.30	-108.4	9.6	0.13		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 18 Date: 8/10/05

Well Location: Dupont Sample No:

Well / Site Description: 1st Corral

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) ~~21~~ 9.5'

Static Water Level (w; ft from TOC or TOR - Circle one) 5.56' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .12 L/min Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: Sampler GB

Well #18

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
8/10/05	Units								5.56'	
	0850		6.87	0.527	26.74	-95.9	14.6	2.00		140 mL/min
	0855		6.99	0.993	27.09	-124.0	14.7	0.71		
	0900		7.06	0.973	27.37	-135.0	15.7	0.24		
	0905		7.13	0.941	28.20	-136.0	14.8	0.19		120 mL/min
	0910		7.16	0.934	28.32	-130.9	<10.0	0.17		
	0915		7.17	0.931	28.53	-124.7	<10.0	0.17		
Start Sampling										
	0923								5.80'	

Decreased flow rate

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW 19 Date: 8/25/05

Well Location: Sample No:

Well / Site Description:

Weather:

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 18.10'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 6.15' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment: GeoPump 2

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 80 mL/m Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp. °C	ORP mV	Turb	DO %	Depth to Water from TOC	Pump Rate
	Units									
8/25	0905		6.58	1.482	25.33	-59.5	20.8	22.8	6.15'	40 mL/m
	0910		6.51	1.491	25.78	-55.2	12.3	9.2		
	0915		6.53	1.481	25.78	-55.9	11.0	10.2		
	0920		6.53	1.481	26.10	-56.2	9.0	10.8		
	0925		6.54	1.480	26.39	-59.8	10.9	11.2		
	0930		6.54	1.513	26.36	-64.0	11.9	10.9		
	0935		6.53	1.566	26.39	-66.7	8.9	10.5		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-20

Date: 8/8/05

Well Location: DuPont

Sample No: 2-MW-20F-P-01
2-MW-20-GW-P-02

Well / Site Description: F-Canal

Weather:

Well Construction Material: Sch 40 PVC

Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 4"

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) ~10'

Static Water Level (w; ft from TOC or TOR - Circle one) 5.06'

Static Water Height (h = d - w; ft)

Purging Method: Low flow

Purging Equipment: Peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min): 85

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

MW-20

3/8/05 initial DTW 5.06' TOC

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from ~~TOC~~	Pump Rate
Units		gal	mV	mS/cm²	°C		NTU	mg/L	ft	
4/4/05	1330	1	6.39	1.069	26.64	-36.0	6.8	1.40	5.06	100 mL/min
	1341		5.98	1.043	28.06	-95.0	<1	0.92	5.67	50 "
	1352		5.88	1.027	28.84	-96.3	<1	0.74	-	
	1408		5.73	0.991	28.88	-69.4	<1	0.68	7.49	
	1419		5.81	0.984	29.95	-57.3	<1	0.79	-	
	1427		5.85	0.981	30.79	-43.2	<1	0.87	8.06	
	1436		5.74	0.986	29.80	-32.4	<1	0.79	-	
	1448		5.81	1.055	30.20	-45.2	<1	0.67	9.14	
	1455	1.5	5.78	1.053	29.73	-44.2	<1	0.68	9.29	

Sample ID: 2-MW-20-GF-P-01
2-MW-20-GU-P-02

Receiving Laboratory:

Sample Collection Time: 1500

Sample Parameters:

Sample Collection Personnel: M Phillips

Page 2 of 2

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CABRERA SERVICES RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-21 Date: 8/10/05

Well Location: Outfall Sample No: 1-MW-21-GF-P-01
1-MW-21-GV-P-02

Well / Site Description: F-Canal

Weather: 85° sunny

Well Construction Material: sch 40 PVC Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 4" Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from ~~TOC~~ or TOR - Circle one) 11.84

Static Water Level (w; ft from ~~TOC~~ or TOR - Circle one) 5.34 Static Water Height (h = d - w; ft) _____

Purging Method: low flow Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): _____ Pump Time (min): 50

Volume Removed (gal) / (L): _____ Did Well Go Dry?: (YES) (NO)

Recovery Time (min): _____ Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units		gal	mV	mS/cm²	°C		NTU	mg/L	ft	mL/min
8/10/05	1245	0	8.67	0.911	27.62	-164.0	26.0	1.17	5.34	80 mL/min
	1253		7.18	0.894	26.69	-113.8	30.8	0.53	5.82	50 mL/min
	1302		6.98	0.929	27.84	-108.4	2.6	0.50	5.86	
	1312		6.72	0.933	27.27	-109.7	0.2	0.43	—	
	1318		6.61	0.946	26.92	-109.4	13.7	0.46	6.14	
	1323		6.57	0.955	26.57	-109.4	7.4	0.47	—	
	1329		6.52	0.962	26.75	-110.1	6.9	0.47	6.22	
	1334	0.75	6.52	0.967	26.87	-110.3	<1	0.47	—	

Sample ID: I-MW-21-GF-P-01
I-MW-21-GW-P-02

Receiving Laboratory:

Sample Collection Time: 1340

Sample Parameters:

Sample Collection Personnel: M Phillips

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 22 Date: 8/11/05

Well Location: Dupont Sample No:

Well / Site Description: F Corral

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 9.3'

Static Water Level (w; ft from TOC or TOR - Circle one) 4.7' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .80 L/min Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: Sampler GB

FIELD SAMPLE PARAMETERS

Well 22
~~Well #11~~

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
8/11	915		6.22	7.382	29.21	-58.9	16.6	3.07	4.7'	100mL/min
	920		6.51	5.963	29.72	-83.6	16.0	1.27		
	925		6.87	4.484	29.43	-110.0	17.5	0.61		
	930		7.17	3.554	29.26	-118.0	18.9	0.36		
	935		7.22	3.207	28.93	-111.1	17.6	0.22		
	940		7.26	2.955	29.27	-103.6	16.5	0.19		
	945		7.24	2.844	29.46	-103.6	15.1	0.15		
	950		7.23	2.787	29.71	-96.3	14.3	0.15		
	955		7.19	2.855	30.23	-87.3	14.5	0.13	5.9'	80mL/min
	1000		6.72	4.428	29.68	-117.8	14.4	0.17		
	1005		6.87	4.233	29.85	-121.7	15.2	0.16		
	1010		7.06	3.690	29.81	-128.1	14.1	0.13		
	1015		7.18	3.259	29.63	-124.9	12.8	0.12		
	1020		7.20	2.903	29.54	-119.0	11.1	0.11		
	1025		7.20	2.879	29.51	-103.4	9.9	0.11		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 22 Date: 8/11/05

Well Location: Dupont Sample No:

Well / Site Description: F Corral

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 9.3'

Static Water Level (w; ft from TOC or TOR - Circle one) 6.3' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): .80L/min Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: Sampler GB

Well 22 (cont.)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
8/11	1030		7.20	2.871	29.55	-102.7	9.7	0.11	6.3'	
										start sampling

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-23

Date: 8/9/05

Well Location: DuPont

Sample No: 2-MW-23-GF-P-01
2-MW-23-GU-P-02

Well / Site Description: F-Canal

Weather:

Well Construction Material: sch 40 PVC

Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 4"

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) ~21'

Static Water Level (w; ft from TOC or TOR - Circle one) 4.91

Static Water Height (h = d - w; ft)

Purging Method: low flow

Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min): 30

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

MW-23

8/9/05 initial DTW 4.91' TOC

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units		gal	mV	mS/cm²	°C		NTU	mg/L	ft	mL/min
8/9/05	0935	0	6.94	1.153	21.05	-47.8	111.0	0.81	4.91	300 mL/min
	0943		6.92	1.136	20.91	-118.1	39.3	0.63	4.95	
	0950		6.92	1.122	21.02	-126.1	9.0	0.58	—	
	0956		6.91	1.114	21.03	-129.3	11.4	0.57	4.95	
	1002		6.91	1.107	21.07	-131.5	8.1	0.54	—	
↓	1007	3	6.90	1.108	21.17	-132.9	5.6	0.53	4.96	↓

Sample ID: 2-MW-23-GF-P-0001
2-MW-23-GD-P-02

Receiving Laboratory:

Sample Collection Time: 1010

Sample Parameters:

Sample Collection Personnel: M Phillips

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-24 Date: 8/10/05

Well Location: DuPont Sample No: 2-MW-24-GF-P-01
2-MW-24-GV-P-02

Well / Site Description: F-Coral

Weather:

Well Construction Material: sch 40 PVC Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 4" Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) ~11'

Static Water Level (w; ft from TOC or TOR - Circle one) 4.35' Static Water Height (h = d - w; ft)

Purging Method: low flow Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min): 60

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Initial DTW 4.35' TOC

MW-24

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	gal	mV	mS/cm²						
8/10/05	0750	0	11.61	0.976	26.36	-12.6	48.4	1.52	4.35	80 mL/min
	0759		11.53	0.940	26.72	41.4	7.2	0.77	5.03	50
	0808		11.46	0.869	27.21	63.9	6.1	1.25	-	↓
	0815		11.37	0.813	27.37	80.3	2.8	1.80	5.60	
	0825		11.30	0.787	27.34	95.2	5.0	2.15	-	
	0837		11.31	0.816	27.64	110.3	<1	2.12	6.53	
	0843		11.33	0.833	27.84	116.1	<1	2.04	-	
↓	0849	1.0	11.34	0.838	27.87	120.0	<1	1.99	6.94	↓

Sample ID: 2-MW-24-GF-A-01
2-MW-24-GV-A-02

Receiving Laboratory:

Sample Collection Time: 0855

Sample Parameters:

Sample Collection Personnel: M Phillips

CABRERA SERVICES RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-26

Date: 8/9/05

Well Location: DuPont

Sample No: 1-MW-26A-GF-P-01
1-MW-26A-GU-P-02

Well / Site Description: F-Corral

Weather:

Well Construction Material: sch 40 PVC

Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 4"

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) ~11'

Static Water Level (w; ft from TOC or TOR - Circle one) 6.75'

Static Water Height (h = d - w; ft)

Purging Method: Low flow

Purging Equipment: Peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min): 40

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

MW-26

8/9/05 Initial DTW 6.75' TOC

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	gal	mV	mS/cm²	°C		NTU	mg/L	ft	mL/min
8/9/05	1320	0	11.16	2.389	28.21	-8.7	14.9	0.60	6.75'	80mL/min
	1332		11.80	2.866	27.64	56.5	4.3	0.32	7.34	50mL/min
	1342		11.83	2.858	27.99	57.4	<1	0.30	7.89	
	1351		11.86	2.829	27.79	58.1	<1	0.27	8.35	
	1359	0.5	11.89	2.794	27.78	62.0	4.8	0.26	8.52	

Sample ID: 1-MW-26A-GF-P-01
1-MW-26A-GU-P-02

Receiving Laboratory:

Sample Collection Time: 1405

Sample Parameters:

Sample Collection Personnel: M Phillips

MW-01

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond. mS/cm	Temp. °C	ORP mV	Turb NTU	DO mg/L	Depth to Water from TOC	Pump Rate
Units										
10/04	1000	-0-	6.8	1.09	22.4	-75	60	0.2	6.91 BTP 7.62 DTW	300 mL/min
10/04	1015		6.7	1.15	22.4	-69	45	0.2		
10/04	1030		6.68	1.18	22.8	-68	135	0.21		
10/04	1045		6.62	1.20	23.0	-69.5	80	0.2		
10/04	1100		6.68	1.22	23.0	-69.6	35	0.2		
10/04	1115		6.64	1.24	23.0	-69.2	45	0.2		
10/04	1300		6.63	1.3	23.2	-71.4		0.19		

Questionable YSI Turbidity Range 3.0 → 1903.0 NTU. Turbidity by HACH Sample1 - 8.0 FAU; Sample2 3.0 FAU @ 1315

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

MW-2

(H)-HACH TURBIDITY Reading

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/11/05	1330	0	6.95	1.029	21.50	-118.8	14.7	1.88	5.06	0.25
	1335	1.25	6.91	1.009	21.90	-115.3	14.8	1.27	5.34	0.20
	1340	2.25	6.90	0.992	21.92	-114.7	23.3	1.17	5.51	0.20
	1345	3.0	6.91	0.839	21.81	-115.0	57.4	0.90	5.60	0.15
	1350	3.75	6.92	0.828	21.93	-115.1	22 (H)	0.56	5.95	0.15
	1355	4.50	6.93	0.782	21.89	-115.6	25 (H)	0.45	6.17	0.15
	1400	5.25	6.93	0.764	21.84	-120.4	—	0.40	6.36	0.10
	1405	5.75	6.93	0.759	21.82	-120.9	—	0.40	6.82	
	1410	6.20	STOPPED PURGING-			well	went	dry	—	
	1440	6.70	6.90	0.749	20.80	-109.1	22 (H)	0.71	6.04	
	1445	7.20	6.89	0.761	21.34	-103.8	20 (H)	0.43	6.27	
	1450	7.70	6.88	0.759	21.32	-103.9	19 (H)	0.48	6.51	
10/11/05	1455	8.20	6.86	0.762	21.30	-103.7	19 (H)	0.47	6.78	0.10
10/12/05	0815	8.20	—	—	—	—	—	—	5.13	Resume Purging at .125 L/min
10/12/05	0825	9.45	6.97	0.706	20.45	-93.8	57.3	1.46	5.87	.125

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

NOTE: STOPPED PURGING ~~with~~ on 10/11/05 @ 1455 W/I/ Sample well on 10/12/05.

MW-2

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L		mS/cm	°C		NTu	mg/L		
10-12-05	0835	10.70	6.95	0.666	20.49	-77.2	49.8	1.75	6.41	Hach Test for Turb = 18 @ 10 L/min
10-12-05	0845	11.70	6.94	0.677	20.44	-85.6	18 FAU	1.36	6.55	● 50 mL/min Turb. via Hach Test
10-12-05	0850	11.95	7.02	0.680	19.78	-86.1	18 FAU	4.50	6.58	Going dry
10-12-05	0855	12.20	6.99	0.762	21.29	-95.8	18 FAU	2.82	6.83	Stopped Pump
10-12-05	1100	—	—	—	—	—	—	—	6.00	
10-12-05	1120	12.20	—	—	—	—	—	—	5.90	collect sample
10-12-05	1150	—	—	—	—	—	—	—	—	Well goes dry
10-12-05	1300	—	—	—	—	—	—	—	—	Well is dry
10-12-05	1445	—	—	—	—	—	—	—	—	collect sample

Sample ID: _____ Receiving Laboratory: Paragon

Sample Collection Time: 1120 Sample Parameters: _____

Sample Collection Personnel: Ken Marion

2 MW-03

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond. mS/cm	Temp. °C	ORP	Turb	DO mg/L	Depth to Water from TOC	Pump Rate
Units										
10/04	1000	~0~	6.68	1.34	22.47	-121.5	20	0.41	7.83	475 mL/min
	1100		6.7	1.2	22.45	-120	15	0.40	7.50	
	1200		6.7	1.2	23	-121.5	35	0.3		
	1330		6.68	1.44	22.6	-102.5	5	0.30 mg/L	7.41	
	1400		6.68	1.45	22.6	-107.4	25.4	0.31	7.35	

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-04 / AOC 2

Date: 10-5-05

Well Location: Parking Lot / F-corral

Sample No: 2MW-04-GF-P-01
2MW-04-GU-P-02
2MW-04-GU-D-02 (dup)
2MW-04-GF-D-01 (dup)

Well / Site Description: Stick up, on pavement

Weather: partly sunny / mild

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC) ~3'

Well Interior Diameter (id): 2

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2): 1

Well Depth (d; ft from (TOC) or TOR - Circle one): ~23 (22.27)

Static Water Level (w; ft from (TOC) or TOR - Circle one): 7.29

Static Water Height (h = d - w; ft): 15.71

Purging Method: low flow

Purging Equipment: Peristaltic Pump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 2.5 gals.

Pump Rate (gpm) / (Lpm): .2L/min

Pump Time (min): 70 min.

Volume Removed (gal) / (L): 14L

Did Well Go Dry?: (YES) (NO)

Recovery Time (min): 7.29 at 1320

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 14L

Notes: Large Water puddle on land surface in area of well
Pump set at 16' below top of casing (middle of the screen)

MW-04

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed L	pH	Cond. mS/cm	Temp. °C	ORP	Turb NTU	DO mg/L	Depth to Water from TOC	Pump Rate
	Units									
10-5-05	0920	0	—	—	—	—	—	—	7.29	
10-5-05	0925	0	—	—	—	—	—	—	7.29	Begin purging at 200 ml/min
10-5-05	0930	1	6.77	3.985	22.36	-63.2	21.6	1.23	7.60	.2L, water is clear
10-5-05	0935	2	6.82	4.027	22.44	-79.5	16.0	0.37	7.55	.2L
10-5-05	0945	4	6.84	4.022	22.47	-85.8	14.9	0.33	7.56	.2L
10-5-05	1000	7	6.80	3.926	22.58	-87.1	11.6	0.33	7.52	.2L
10-5-05	1020	11	6.78	3.881	22.43	-85.9	6.3	0.38	7.50	.2L
10-5-05	1025	12	6.78	3.880	22.43	-85.4	8.0	0.38	7.48	.2L
10-5-05	1030	13	6.77	3.874	22.59	-84.5	8.0	0.38	7.47	.2L
10-5-05	1035	14	6.76	3.870	22.67	-83.7	7.5	0.38	7.46	collect samples

Note: Using YSI Model 650 MDS, SN: ?3375

Sample ID: 2-MW-04
Duplicate sample collected

Sample Collection Time: 1035

Receiving Laboratory: Paragon

Sample Parameters: Rad suite, metals, Alk, Cl, F, SO_4, P, NO_2^- NO_3^-

Sample Collection Personnel: Ken Marion

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-5 / AOC 2 Date: 10/03/05

Well Location: F-Corral Sample No: 2-MW-05-GU > P-02 GF

Well / Site Description: Stick-up / Paved lot

Weather: Partly Cloudy ~ 75°F

Well Construction Material: 2" PVC / steel outer casing Stick-Up (ft from gound surface to top of casing (TOC) ~31

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 23.10

Static Water Level (w; ft from TOC or TOR - Circle one) 6.86 Static Water Height (h = d - w; ft)

Purging Method: low-flow Purging Equipment: Peristaltic (Geo pump)

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 0.5 Pump Time (min): 60

Volume Removed (gal) / (L): 27 Did Well Go Dry?: (YES) (NO)

Recovery Time (min): 5 Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 27

Notes:

TOC
initial W.L. – 6.86 @ 0905

DTP – 22.88

Bottom of product – 23.05 Bottom of well – 23.10 NOTE - Felt very soft @ bottom.

(H) = HACH METER.

~~moderate~~ odor noted in well.

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp. °C	ORP	Turb NTU	DO mg/L	Depth to Water from TOC	Pump Rate LPM
Units										
10/05/05	0920	0	6.92	1.750	22.73	-141.2	141.3	0.76	6.86	0.5
	0925	2.5	7.01	1.754	22.67	-144.9	149.8	0.66	7.10	
	0930	5.0	7.06	1.755	22.67	-149.0	9.4	0.72	7.10	
	0935	7.5	7.04	1.774	22.50	-155.3	16.7	0.74	7.10	
	0940	10.0	7.08	1.741	22.06	-167.8	55.4	0.73	7.10	
	0945	12.5	7.14	1.717	21.80	-175.9	13 (H)	0.74	7.10	
	0950	15.0	7.19	1.717	21.82	-175.3	14 (H)	0.73	7.10	
	0955	17.5	7.13	1.719	21.89	-175.2	12 (H)	0.73	7.10	
	1000	19	7.14	1.716	21.88	-176.1	3 (H)	0.73	7.10	
	1005	21.5	7.14	1.712	21.86	-175.1	2 (H)	0.74	7.10	
	1010	23	7.15	1.711	21.87	-177.8	5 (H)	0.62	7.10	
	1015	25.5	7.15	1.712	21.86	-177.5	5 (H)	0.60	7.10	
10/05/05	1020	27	7.15	1.711	21.88	-177.9	4 (H)	0.63	7.10	0.5

Sample ID: 2-MW-05-GU-P-02 / 2-MW-05-GR-P-02

Sample Collection Time: 1035

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel: A. Marcum.

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-06 / AOC 1 Date: 10-5-05

Well Location: F-Corral Sample No:

Well / Site Description: Stick up, on pavement

Weather: Mostly Sunny and warm

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) ~3'

Well Interior Diameter (id) 2 Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2) 1

Well Depth (d; ft from (TOC) or TOR - Circle one) 9.63

Static Water Level (w; ft from (TOC) or TOR - Circle one) 6.21 Static Water Height (h = d - w; ft) 3.42

Purging Method: low flow Purging Equipment: peristaltic pump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 0.54 gals

Pump Rate (gpm) / (Lpm): .2L to .1L Pump Time (min):

Volume Removed (gal) / (L): 7.5L Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: There is an obstruction about 6' below the top of casing
Pump set at 8' below top of casing - middle of the screen
variable turbidity readings from 1435 to 1500

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	mS/cm Cond.	Temp. °C	ORP	Turb NTu	DO mg/L	Depth to Water from TOC	Pump Rate
Units										
10-5-05	1405	0	—	—	—	—	—	—	6.21	
10-5-05	1410	0	—	0.892	—	—	—	—	6.19	Begin purging @ 2 L/min
10-5-05	1415	1	7.06	~~25.75~~	25.75	-58.9	31.5	0.79	6.85	.2 L
10-5-05	1420	2	6.96	0.875	25.72	-74.4	13.6	0.95	7.03	purge water is clear
10-5-05	1425	3	6.99	0.876	25.90	-81.7	13.9	3.06	6.88	.1 L
10-5-05	1435	4	7.21	0.868	26.11	-108.7	8.2	6.39	7.01	.1 L
10-5-05	1500	—	—	—	—	—	—	—	→	Stopped pursing due to drain flow thru cell
10-5-05	1525	6.5	6.94	0.891	26.36	-84.8	47.0	0.57	7.25	lots of brown silt-
10-5-05	1530	7.5	6.95	0.897	26.49	-102.2	30.0	0.40	7.32	Stopped pump

Note: using YSI Model 650 MDS, SN: ?3375

Sample ID: _____ Receiving Laboratory: Paragon

Sample Collection Time: _____ Sample Parameters: Rad suite, Metals, Alk, Cl, FL, SO_4, P, NO_2^-, NO_3^-

Sample Collection Personnel: ~~Ken Marion~~

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-6 / AOC 1 Date: 10/06/05

Well Location: F-Canal Sample No:

Well / Site Description: Stick-up / Gravel

Weather: Partly Cloudy ~80°F

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) ~3.5'

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR): ~6"

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one)

Static Water Level (w; ft from (TOC) or TOR - Circle one) 6.23 Static Water Height (h = d - w; ft)

Purging Method: low-flow Purging Equipment: Peristaltic (Geo Pump)

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 0.10 Pump Time (min): 30 (purge time)

Volume Removed (gal) / (L): 4.0 Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Never recovered Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 4.0

Notes:

MW-6

* Note: could not pump < 0.10 LPM because pump would stop.

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/06/05	0840	0	6.93	0.804	23.67	-76.2	85.5	1.14	6.23	~~0.05~~ 0.25
	0845	1.5	6.91	0.812	23.69	-89.4	62.4	1.06	6.74	0.25
	0850	2.0	6.90	0.819	23.72	-90.2	41.1	0.94	6.92	0.10
	0855	2.5	6.89	0.820	23.79	-93.6	10.7	0.36	7.19	0.10
	0900	3.0	6.90	0.818	23.83	-104.5	6.3	0.30	7.03	0.10
↓	0905	3.5	6.90	0.812	23.79	-103.8	6.5	0.31	7.16	0.10
10/06/05	0910	4.0	6.91	0.816	23.80	-104.4	6.2	0.30	7.31	0.10

Sample ID: 1-MW-6-GF/GL-P-01

Receiving Laboratory:

Sample Collection Time: 0920

Sample Parameters:

Sample Collection Personnel: A. Marcum

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-7 / AOC 1 Date: 10/06/05

Well Location: F-Corral Sample No:

Well / Site Description: Stickup / Gravel lot

Weather: Partly cloudy ~80°F

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) ~3.5'

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR): ~6"

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one)

Static Water Level (w; ft from TOC or TOR - Circle one) 6.54 Static Water Height (h = d - w; ft)

Purging Method: low-flow Purging Equipment: Peristaltic (GeoPump)

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 0.25 Pump Time (min): 20

Volume Removed (gal) / (L): 6.0 Did Well Go Dry?: (YES) (NO)

Recovery Time (min): 10 Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 6.0

Notes:

MW-7

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/6/05	0820	0							6.54	0.25
10/6/05	0830	1.5	6.77	0.672	22.6	-90.0	3.1	0.43	6.86	0.25
10/6/05	0835	3.0	6.89	0.672	22.5	-111.9	2.7	0.28	6.87	↓
10/6/05	0840	4.5	6.96	0.665	22.5	-125.4	2.8	0.24	6.91	↓
10/6/05	0845	6.0	6.98	0.66	22.5	-129.3	5.6	0.22	6.91	0.25

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 0845 Sample Parameters: _____

Sample Collection Personnel:

MW-8

DTW - 6.62 (From TOC)
9.65 (Bottom)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units		L		ms/cm	°C		NTU	mg/L	ft	
10/05/05	1355	0	8.81	0.696	24.63	-72.7	42.1	0.78	6.62	0.50
↓	1400	~~0~~ 1	9.16	0.698	24.68	-78.2	28.4	0.80	7.30	0.25
↓	1405	went dry - stopped purging								
10/06/05	~~1400~~									
	~~1405~~									
	0955	0.0							6.71	
	1005		10.02	0.695	23.9	-155.2	3.5	2.81	7.30	
	1015		10.0	0.699	24.3	-157.4	3.1	3.38	7.25	
	1030		Dry							

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel: Anna-Lisa Marcum / Paul Schwartz

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-9 / AOC 1 Date: 10/05/05

Well Location: F-Corral Sample No:

Well / Site Description: Stick-up / Gravel lot

Weather: Partly Sunny ~85°F

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR): ~6"

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one)

Static Water Level (w; ft from TOC or TOR - Circle one) 8.47 Static Water Height (h = d - w; ft)

Purging Method: low-flow Purging Equipment: Peristaltic (Geopump)

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 0.25 Pump Time (min): 35

Volume Removed (gal) / (L): 9.50 Did Well Go Dry?: (YES) (NO)

Recovery Time (min): 10 Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 9.50

Notes:

MW-9

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/05/05	1415	0	6.47	24.76	0.569	-75.1	4.8	0.91	8.47	0.5
	1420	2	6.40	22.69	0.564	-76.4	2.6	0.96	8.72	0.25
	1425	3.25	6.42	22.75	0.563	-75.8	1.9	1.2	8.62	0.25
	1430	4.50	6.42	0.562	22.75	-74.7	2.8	0.89	8.57	0.25
	1435	5.75	6.42	0.562	22.74	-74.9	2.7	0.84	8.57	0.25
	1440	7.0	6.41	0.560	22.74	-74.0	2.4	0.87	8.57	0.25
	1445	8.25	6.41	0.559	22.76	-74.1	2.8	0.84	8.57	0.25
10/05/05	1450	9.50	6.41	0.558	22.79	-74.2	2.5	0.84	8.57	0.25

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1515 Sample Parameters: _____

Sample Collection Personnel: A. Marcum

MW-10 — { DTW - 7.10 / DTB - 9.61 } — [NOTE - ORP malfunction on YSI 10/07/05 ; # { Can't pump < 0.05 pump stops switched from 600 RPM to 300 RPM.

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/06/05	1240	0	7.15	0.990	24.61	-109.4	2.1	0.80	6.67	0.10
	1244	well	went	dry	- let it sit to recharge					/
10/07/05	0900	0	6.81	0.957	23.43	/	7.5	1.88	7.10	0.10
10/07/05	0905	0.5	6.82	0.956	23.45	/	6.9	1.84	7.83	0.10
	0910	1.10	6.84	0.960	23.47	/	7.7	1.86	7.99	0.10
	0915	NO	READINGS - ADJUSTED PUMP RATE - Allowed Recovery							~~0.05~~
	0920			"	"	"	"			~~0.05~~
	0925	1.35	7.09	0.948	23.69	/	9.7	1.06	8.71	0.05
	0930	1.60	7.08	0.949	23.67	/	9.9	1.03	8.95	0.05
10/07/05	0935	1.85	7.09	0.950	23.69	/	9.6	1.02	9.01	0.05

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel: A. Marcum

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-11 Date: 10/06/05

Well Location: AOC 1 Sample No:

Well / Site Description: 3' Stick up / gravel

Weather: Sunny ~85°F

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) ~3'

Well Interior Diameter (id) 2" Distance from TOC to Top of Riser (TOR): ~4"

Well Interior radius (id/2)

Well Depth (d; ft from ~~TOC~~ or TOR - Circle one)

Static Water Level (w; ft from ~~TOC~~ or TOR - Circle one) 8.09 Static Water Height (h = d - w; ft)

Purging Method: Peristaltic / low-flow Purging Equipment: Peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 0.25

Volume Removed (gal) / (L): 9.0

Recovery Time (min):

Total Volume Removed (gal) / (L): 9.0

Pump Time (min): 35 min - Water Quality ~ 62 min total ~~flow~~ w/ sampling

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes: Product in well @ 8.07 (static level) = 0.2" product.
DTW - 8.09

MW-11

DTW - 8.09
Product - 8.07

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/06/05	1250	0	9.88	0.692	23.51	-193.0	2.2	0.77	8.09	0.25
	1255	1.5	9.98	0.695	23.30	-174.9	2.0	2.32	8.64	↓
	1300	3.0	10.86	0.776	22.64	-189.6	1.6	4.98	8.82	0.25
	1305	4.5	11.06	0.891	22.35	-210.5	1.6	0.36	8.87	———
	1310	- Shut off pump to adjust Flow-thru cell org							YSI	0.25
	1315	6.0	11.17	0.910	21.86	215.6	1.9	0.27	8.96	↓
	1320	7.5	11.17	0.910	21.87	217.1	1.4	0.25	8.96	0.25
10/06/05	1325	9.0	11.17	0.910	21.89	215.9	1.9	0.29	8.96	

Sample ID: 1-MW-11-GF/GU-P-01

Receiving Laboratory:

Sample Collection Time: 1335

Sample Parameters:

Sample Collection Personnel:

Page ___ of ___

MW-12

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/12/05	0930	0	6.95	2.817	20.05	-69.0	22	2.57	4.74	0.40
	0935	2	6.98	2.829	20.10	-76.8	20.2	2.10	5.25	0.25
	0940	3.25	7.00	2.852	20.21	-80.2	16.8	1.82	5.39	↓
	0945	4.50	7.08	2.877	19.85	-85.9	20.8	0.89	5.46	↓
	0950	5.75	7.07	2.881	19.78	-86.0	16.3	0.87	5.47	↓
	0955	7.00	7.06	2.899	20.13	-101.2	13.4	0.50	5.58	↓
	1000	8.25	7.05	2.906	20.11	-112.7	9.6	0.48	5.60	↓
	1005	9.50	7.05	2.911	20.12	-112.8	8.7	0.47	5.63	↓
	1010	10.75	7.05	2.910	20.17	-113.0	8.8	0.48	5.68	↓
	1015	12.0	7.06	2.914	20.13	-113.7	8.5	0.45	5.63	↓
	1020	13.25	7.06	2.916	20.18	-113.2	7.1	0.43	5.64	↓
	1025	14.50	7.05	2.918	20.14	-113.8	7.8	0.46	5.60	↓
	1030	15.75	7.06	2.915	20.16	-113.0	7.1	0.46	5.60	0.25

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1050 Sample Parameters: _____

Sample Collection Personnel:

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CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: OU2 AOC 3 Date: 10-13-05

Well Location: 3-MW13 Sample No:

Well / Site Description:

Weather: COOL WINDY RAIN

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) 2 IN NOM Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one)

Static Water Level (w; ft from TOC or TOR - Circle one) Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

MW-13

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units								mg/L		
10-13-05	0840		5.55	3.719	17.78	13.0	282	0.64	6.49	200 mL/min
	0855		5.58	3.770	17.90	15.6	106.4	0.37	7.34	
	0900		5.59	3.758	17.98	19.1	59.0	0.35	7.34	
	0905		5.60	3.705	18.09	18.4	346.8	0.32	7.35	375 mL/min
	0910		5.61	3.621	18.11	17.6	245.6	0.30	7.35	
	0915		5.61	3.574	18.11	16.2	40.0	0.31	7.19	250
	0920		5.61	3.508	18.05	15.6	8.1	0.34	7.10	
	0925		5.62	3.472	18.09	15.1	6.9	0.34	7.09	
	0930		5.62	3.434	18.08	14.6	8.2	0.35	709	250

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: OU2 AOC 3 MW-14 Date: 10-13-05

Well Location: MW-14 Sample No: _____

Well / Site Description: _____

Weather: _____

Well Construction Material: _____ Stick-Up (ft from gound surface to top of casing (TOC) _____

Well Interior Diameter (id) _____ Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from TOC or TOR - Circle one) _____

Static Water Level (w; ft from TOC or TOR - Circle one) _____ Static Water Height (h = d - w; ft) _____

Purging Method: _____ Purging Equipment: _____

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): _____ Pump Time (min): _____

Volume Removed (gal) / (L): _____ Did Well Go Dry?: (YES) (NO)

Recovery Time (min): _____ Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes:

MW-14

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
12-13-05	1036								6.70	
	1045		7.12	2.940	19.37	-112.7	4.2	0.73	6.85	250 mL/min
	1050		7.11	2.991	19.31	-113.7	3.6	0.52	6.86	
	1055		7.08	3.040	19.34	-111.7	0.3	0.39	6.86	
	1100		7.06	3.157	19.23	-110.7	0.0	0.41	6.85	250mL/min
	1105		7.03	3.186	19.23	-107.7	0.0	0.28	6.85	
	1110		7.03	3.227	19.22	-107.0	0.0	0.34	6.86	

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

MW-15A

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units								6.05	
10/11/05	1345	0	6.84	1.421	22.37	-104.7	5.6	2.14	6.05	125mL/min
	1355		6.78	1.428	22.60	-103.7	4.2	0.89	7.07	
	1400		6.77	1.413	22.48	-108.3	4.6	0.62	7.95	
	1405		6.75	1.294	22.27	-101.1	5.8	0.84	8.38	(hole is dry)
	1423								8.29	
	1437		6.78	1.267	21.05	-75.6	28.2	2.05	8.33	(dry)

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 2-MW-15 / AOC 2

Date: 10-12-05

Well Location: F-Corral

Sample No:

Well / Site Description: Stick-up, on pavement

Weather: Cool, breezy, light drizzle

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id): 2

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2): 1

Well Depth (d; ft from TOC or TOR - Circle one): 8.85

Static Water Level (w; ft from TOC or TOR - Circle one): 6.18

Static Water Height (h = d - w; ft): 2.67

Purging Method: low flow

Purging Equipment: GeoPump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: .43

Pump Rate (gpm) / (Lpm):

Pump Time (min):

Volume Removed (gal) / (L):

Did Well Go Dry?: (YES) (NO)

Recovery Time (min):

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

MW-15

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units		L		mS/cm	°C		NTU	mg/L		
10-12-05	0857	0	6.65	0.989	21.58	-102.1	9.2	1.06	6.18	.2L/min
10-12-05	0919	4.4	6.67	0.992	20.07	-33.8	12.8	1.52	6.40	.2L
10-12-05	1425	4.4	6.82	0.995	19.99	-101	54.4	2.65	—	.2L
10-12-05	1430	5.4	6.80	0.976	18.99	-60.2	54.1	1.15	8.42	.2L
10-12-05	1432	5.8	—	—	—	—	—	—	—	Stopped purging well goes dry

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-16 / AOC 2

Date: 10-10-05

Well Location: ~~Stick up, on pavement~~ - F- corral

Sample No: 1-MW-16-GF-P-01
1-MW-16-GU-P-02

Well / Site Description: On Pavement, Stick up

Weather: Cloudy, breezy and cool

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC) ~3'

Well Interior Diameter (id): 2

Well Interior radius (id/2): 1

Distance from TOC to Top of Riser (TOR):

Well Depth (d; ft from TOC or TOR - Circle one): ~~4.58~~ 21.04

Static Water Level (w; ft from TOC or TOR - Circle one): 4.58

Static Water Height (h = d - w; ft): 16.46

Purging Method: low flow

Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 2.6

Pump Rate (gpm) / (Lpm): .25 Lpm

Pump Time (min): 70 min

Volume Removed (gal) / (L): 17.5 L

Did Well Go Dry?: (YES) (NO)

Recovery Time (min): 4.61 at 1407

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 17.5 L plus sample volume

Notes:
Finished collecting sample at 1357
Pump tubing set at middle of well screen (16 ft below T.O.C.)

MW-16

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units		L		mS/cm	°C		NTu	mg/L		
10-10-05	1050	0	—	—	—	—	—	—	4.58	Begin Purging, .25 L/min
10-10-05	1100	2.5	8.96	1.862	23.16	-323.1	21.3	0.45	4.61	rotten eggs smell + brown
10-10-05	1110	5	8.98	1.885	23.38	-348.9	18.3	0.06	4.61	.25 L
10-10-05	1120	7.5	8.98	1.888	23.40	-372.8	18.5	0.05	4.61	.25 L
10-10-05	1125	8.75							→	Stopped pump
10-10-05	1245	8.75							→	Resume Purging
10-10-05	1300	12.50	8.97	1.908	23.80	-436.7	18.3	0.15	4.62	.25L
10-10-05	1305	13.75	8.99	1.916	23.74	-443.9	18.9	0.07	4.62	.25 L
10-10-05	1310	15.0	8.99	1.921	23.81	-448.4	18.2	0.07	4.62	.25 L
10-10-05	1315	16.25	8.99	1.927	23.90	-445.9	18.1	0.07	4.62	.25L
10-10-05	1320	17.50	9.00	1.923	23.73	-449.1	18.3	0.07	4.62	collect Sample

Note: Turbidity reading is incorrect?
Using YSI Model 650 MDS, SN: 06705

Sample ID: I-MW-16-GF-P-01
I-MW-16-GW-P-02

Receiving Laboratory: Paragon

Sample Collection Time: 1320

Sample Parameters: Rad suite, metals Filtered + unFiltered, AlK, Cl, Fl, SO4, P, NO_2^-, NO_3^-

Sample Collection Personnel: Ken Marion

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-17, AOC 1

Date: 10-7-05

Well Location: F - Corral

Sample No: 1-MW-17-GW-P-02
1-MW-17-GF-P-01

Well / Site Description: on pavement, stick-up

Weather: overcast, light breeze, drizzle

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC) ~3

Well Interior Diameter (id): 2

Well Interior radius (id/2): 1

Distance from TOC to Top of Riser (TOR):

Well Depth (d; ft from (TOC) or TOR - Circle one): 21.71

Static Water Level (w; ft from (TOC) or TOR - Circle one): 6.65

Static Water Height (h = d - w; ft): 15.06

Purging Method: low flow

Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for (2") well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 2.4 ~~7.8~~ gallons

Pump Rate (gpm) / (Lpm): .2

Volume Removed (gal) / (L): 6 L

Recovery Time (min): 6.60 at 1427

Total Volume Removed (gal) / (L): 6L plus sample volume

Pump Time (min): 30 min.

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes: Depth to product 6.64
Pump set in middle of well screen (16 ft below t.o.c.)
Finished collecting sample at 1415

MW-17

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond. mS/cm	Temp. °C	ORP	Turb NTU	DO mg/L	Depth to Water from TOC	Pump Rate
	Units	L								
10-7-05	1035	0	—	—	—	—	—	—	6.65	
10-7-05	1250	0	—	—	—	—	—	—	6.62	Begin Purging —
—	—	—	—	—	—	—	—	—	—	Stopped due to leak in YSI
10-7-05	1310	0	6.40	0.611	23.35	-86.0	0.4	0.95	6.80	Resume Purge . 2 L/min.
10-7-05	1320	2	6.38	0.603	23.07	-94.3	1.0	0.47	6.77	.2
10-7-05	1325	3	6.38	0.601	22.83	-97.3	2.9	0.36	6.79	.2
10-7-05	1330	4	6.39	0.599	22.68	-101.2	2.3	0.30	6.80	.2
10-7-05	1335	5	6.39	0.598	22.60	-104.0	0.5	0.28	6.80	.2
10-7-05	1340	6	6.39	0.598	22.63	-105.1	1.1	0.27	6.80	collect sample
~~10-7-05~~	~~1345~~								~~6.73~~	

Note: using YSI model 650 MDS, SN 06705

Sample ID: 1-MW-17-GW-P-02
1-MW-17-GF-P-01

Sample Collection Time: 1340

Receiving Laboratory: Paragon

Sample Parameters: Rad suite, metals filtered + unfiltered, Alk, Cl, Fl, SO4, P, NO_2^-, NO_3^-

Sample Collection Personnel: Ken Marion

MW 18

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units				mS/cm	°C		NTU	mg/L	ft	
10/6/05	12:55								6.32	
	1315		7.34	1.113	25.4	-95.5	15.0	1.04	6.61	300 ml/min
	1320		7.31	1.10	25.2	-120.9	4.1	0.35	6.71	
	1325		7.46	1.055	25.3	-147.5	1.2	0.26	6.61	

Turbidity 0 by HACH analysis @ 1345

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel: P. Schwartz

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-19 / AOC 2 Date: 10-12-05

Well Location: Stickup, pavement, near creek Sample No:

Well / Site Description: F-Corral

Weather: Overcast, breezy, 62°F

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 2 Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2) 1

Well Depth (d; ft from TOC or TOR - Circle one) 9.80

Static Water Level (w; ft from TOC or TOR - Circle one) 6.06 Static Water Height (h = d - w; ft) 3.74

Purging Method: low flow Purging Equipment: geopump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 0.6

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min):

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

MW-19

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L		mS/cm	°C		NTU	mg/L		
10-12-05	0950	0	—	—	—	—	—	—	6.06	Begin Purging, .15 L/min.
10-12-05	1000	1.5	6.75	1.425	21.18	-102.8	103.0	0.88	8.75	.10
10-12-05	1010	2.5	6.73	1.483	20.76	-99.1	227.0	0.65	9.15	50 mL
10-12-05	1015	2.75	6.72	1.522	20.12	-89.3	77	1.84	9.50	Turbidity via Hach Test, Going dry
10-12-05	1020	3.0	6.72	1.523	20.20	-86.9	148	2.80	9.50	50 mL, lots of air in line
10-12-05	1025	3.25	6.77	1.532	19.85	-93.5	44	5.43	9.51	Turbidity Via Hach Test
10-12-05	1030	3.50	6.82	1.532	19.71	-102.3	72.9	6.48	9.52	Well going dry - Stopped purging

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-20A

Date: 10-12-05

Well Location: OU1 AOC 2

Sample No:

Well / Site Description:

Weather: COOL WINDY

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one)

Static Water Level (w; ft from TOC or TOR - Circle one)

Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Pump Time (min):

Volume Removed (gal) / (L):

Did Well Go Dry?: (YES) (NO)

Recovery Time (min):

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units				mS/cm	°C	~~mV~~ NH	NTU	MG/L	FT	180 ML/MIN
10-12-05	1303		6.87	1.043	21.36	-120.4	81.2	0.51	4.41	
	1318		6.88	1.021	20.77	-117.0	109.5	0.39	5.57	
	1333		6.89	1.005	20.68	-109.8	139.6	0.37	5.61	
	1348		6.89	.961	19.76	-97.0	166.3	0.35	5.97	
	1403		6.89	.966	20.31	-86.8	171.7	0.29	6.44	
	1418		6.89	.989	21.00	-96.7	163.6	0.24	7.88	
	1433		6.89	.978	20.44	-98.5	159.7	0.25	8.32	
	1448		6.88	1.057	20.47	-125.0	73.4	0.25		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-21A, AOC 1

Date: 10-7-05

Well Location: F-corral

Sample No: 1-MW-21A-GW-P-02
1-MW-21A-GF-P-01

Well / Site Description: on pavement, stick-up

Weather: Mild, humid, cloudy

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC) ~3

Well Interior Diameter (id): 4

Well Interior radius (id/2): 2

Distance from TOC to Top of Riser (TOR):

Well Depth (d; ft from (TOC) or TOR - Circle one): 11.86

Static Water Level (w; ft from (TOC) or TOR - Circle one): 5.86

Static Water Height (h = d - w; ft): 6

Purging Method: low flow

Purging Equipment: Peristaltic pump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for (4" well); h(1.5) gal for 6" well: 3.9

Pump Rate (gpm) / (Lpm): .3 to .15 Lpm

Pump Time (min): 42 min.

Volume Removed (gal) / (L): 8.35 L

Did Well Go Dry?: (YES) (NO)

Recovery Time (min): 5.83 at 1315

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 8.35 L plus sample volume

Notes: Pump set at ~~MP~~ 14 Ft below T.O.C. in middle of well screen
Finished collecting sample at 0959

MW-21A

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L		mS/cm	°C		NTU	mg/L		
10-7-05	0835	0	—	—	—	—	—	—	5.86	Begin Purging, .3 L/min
10-7-05	0840	1.5	6.74	0.820	23.76	-82.0	27.5	1.90	6.82	.25
10-7-05	0848	3.5	6.68	0.840	23.69	-82.5	22.5	1.38	7.10	.2
10-7-05	0858	5.5	6.58	0.869	23.47	-90.6	9.8	0.38	7.23	.15
10-7-05	0903	6.25	6.57	0.869	23.41	-93.9	6.6	0.26	7.19	.15
10-7-05	0908	7.0	6.55	0.871	23.36	-90.5	4.7	0.16	7.14	.15
10-7-05	0913	7.75	6.56	0.877	23.35	-87.8	7.7	0.15	7.12	.15
10-7-05	0915	8.05	6.56	0.879	23.35	-88.0	3.5	0.14	7.12	.15
10-7-05	0917	8.35	6.55	0.883	23.33	-88.3	3.5	0.14	7.12	collect sample

Notes: using YSI Model 650 MDS, SN: 03375

Sample ID: 1-MW-21A-GF-P-01
1-MW-21A-GU-P-02

Sample Collection Time: 0917

Receiving Laboratory: Paragon

Sample Parameters: Rad suite, metals Filtered + unfiltered, Alk, Cl, Fl, SO4, P, NO_2^-, NO_3^-

Sample Collection Personnel: Ken Marion

MW-22A

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/07/05	1010	0	7.14	3.029	24.40	-142.1	42.4	0.97	5.50	0.25
	1015	1.25	7.17	2.982	24.40	-144.5	42.3	0.69	5.86	
	1020	2.50	7.22	2.870	24.39	-146.8	29.7	0.46	5.91	
	1025	3.75	7.28	2.710	24.36	-141.8	12.3	0.32	6.20	
	1030	5.00	7.30	2.663	24.35	-137.6	16.6	0.33	6.39	↓
	1035	6.0	7.30	2.654	24.34	-136.1	14.7	0.28	6.48	0.25
	1040	7.0	6.32	4.652	24.36	-135.4	116.7	0.36	6.52	0.20 — pump went off
	1045	7.5	6.96	4.185	24.25	-149.3	87.7	0.21	6.67	0.20
	1050	8.0	7.05	3.864	24.27	-150.9	68.6	0.25	6.75	0.10
	1055	8.5	7.09	3.705	24.27	-149.2	47.2	0.22	6.78	
	1100	9.0	7.10	3.698	24.24	-149.9	27.9	0.25	6.80	
	1105	9.5	7.09	3.697	24.24	-148.5	24.3	0.22	6.84	
	1110	10	7.11	3.694	24.23	-148.5	21.5	0.24	6.86	
↓	1115	10.5	7.10	3.690	24.21	-148.2	16.2	0.23	6.89	↓
10/07/05	1120	11.0	7.11	3.693	24.23	-147.9	16.1	0.25	6.91	0.10

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1320 Sample Parameters: _____

Sample Collection Personnel:

MW-22A

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/07/05	1125	11.5	7.12	3.695	24.23	-147.8	16.5	0.25	6.92	0.10
	1130	STOPPED PURGING - Allowed well to RECOVER								
	1250	12.0	7.23	3.278	25.04	-115.4	12.5	0.20	5.96	
	1255	12.5	7.23	3.331	24.96	-116.9	8.0	0.21	6.10	
	1300	13.0	7.24	3.340	24.91	-152.4	6.5	0.24	6.19	
	1305	13.5	7.29	3.335	24.94	-156.8	6.1	0.23	6.21	
	1310	14.0	7.30	3.327	24.93	-156.4	6.2	0.22	6.32	
10/07/05	1315	14.5	7.30	3.330	24.94	-157.1	6.1	0.22	6.56	0.10

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1320 Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-24A / AOC 2 Date: 10-10-05

Well Location: F-Corral Sample No: 1-MW-24A-GF-P-01
1-MW-24A-GU-P-02

Well / Site Description: Stick up, on Pavement

Weather: Cloudy, breezy

Well Construction Material: PVC Stick-Up (ft from gound surface to top of casing (TOC) 3'

Well Interior Diameter (id) 4 Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2) 2

Well Depth (d; ft from TOC or TOR - Circle one) 10.60

Static Water Level (w; ft from TOC or TOR - Circle one) 3.57 Static Water Height (h = d - w; ft) 7.03

Purging Method: low flow Purging Equipment: peristaltic pump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 4.6 gallons

Pump Rate (gpm) / (Lpm): .1L Pump Time (min): 55 min

Volume Removed (gal) / (L): 7.5L Did Well Go Dry?: (YES) (NO)

Recovery Time (min): 3.65 at 1450 Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): 7.5L plus sample volume

Notes: Finished collecting sample at 1015
Tubing set in middle of well screen

MW-24A

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L		mS/cm	°C		NTu	mg/L		
10-10-05	0835	0	—	—	—	—	—	—	3.57	Begin Purge, .3 L/min
10-10-05	0840	1.5	10.79	0.452	22.85	-29.8	14.8	0.46	4.56	.2L
10-10-05	0845	2.5	10.80	0.455	22.89	-226.5	9.7	0.32	4.87	.2L
10-10-05	0855	3.5	10.83	0.460	22.93	-228.0	10.5	0.27	5.35	.2L
10-10-05	0900	4.5	—	—	—	—	—	—	—	.1L
10-10-05	0905	5.0	10.86	0.459	22.47	-229.2	8.9	0.28	5.68	.1L
10-10-05	0915	6.0	10.90	0.464	22.20	-152.3	8.6	0.32	5.73	.1L
10-10-05	0920	6.5	10.91	0.463	22.07	-158.1	8.2	0.27	5.75	.1L
10-10-05	0925	7.0	10.94	0.469	21.69	-165.2	9.0	0.27	5.70	.1L
10-10-05	0930	7.5	10.93	0.469	22.07	-167.1	9.3	0.26	5.75	.1L, collect sample

Note: using YSI Model 650 MDS, SN: 06705

Sample ID: i-MW-24A-GF-P-01 / i-MW-24A-GU-P-02

Receiving Laboratory: Paragon

Sample Collection Time: 0930

Sample Parameters: Rad suite, metals Filtered & unfiltered, Alk, Cl, Fl, SO4, P, NO2, NO3

Sample Collection Personnel: Ken Marion

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO %	Depth to Water from TOC	Pump Rate
	Units									
11/7/05	1000		7.38	2.936	17.96	-272.8	6.4	~~1.14~~ 11.9 mg/L	12.15'	80 mL/m
	1005		7.48	2.919	17.54	-255.7	1.8	9.0		
	1010		7.52	2.899	17.52	-262.2	2.5	7.8		
	1015		7.50	2.863	18.09	-231.1	2.9	6.8		
	1020		7.61	2.805	18.35	-241.2	~~5.81~~ 2	~~1.25~~ 8		
	1025		7.48	2.743	18.25	-279.0	2.2	5.3		
	1030		7.41	2.656	18.45	-267.0	1.1	5.0		
	1035		7.33	2.589	18.07	-249.6	2.0	4.9	14.62'	

Sample ID: MW 25 C

Receiving Laboratory:

Sample Collection Time: 1035

Sample Parameters:

Sample Collection Personnel: J. KAPP

MW-26A

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
10/11/05	0900	0							6.30	
	0908		11.31	1.594	21.13	-193.5	3.2	1.80	6.56	
	0920		11.33	1.626	21.76	-200.6	1.5	0.76	6.87	
	0930		11.32	1.624	22.18	-215.6	5.4	0.34	7.07	
	0938		11.32	1.634	22.19	-256.3	10.1	0.11	7.37	
	0940		11.32	1.642	22.38	-291.7	16.0	0.16	7.74	
	1005		11.33	1.655	22.26	-301.0	19.0	0.11	8.32	
	1010		11.33	1.650	22.27	-307.5	20.5	0.07	8.45	55 mL/min
	1015		11.34	1.660	21.83	-313.0	20.3	0.08	8.53	
	1020		11.34	1.660	21.61	-312.6	19.8	0.07	8.60	
	1035								8.80	
	1054								9.02	
	1123								9.37	
	1136								9.56	
	1302								9.25	
	1317								9.58	

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units										
11/17/05	1415		7.15	2.678	15.42	9.5	119.0	1.85	8.15'	80 mL/m
	1420		7.16	2.652	14.87	29.8	110.4	1.42		
	1425		7.20	2.420	10.82	57.8	89.1	1.25		
	1430		6.99	2.458	12.21	37.8	62.9	1.06		
	1435		7.18	2.489	12.86	-79.5	32.0	0.86		
	1440		7.12	2.445	12.91	-87.5	18.8	0.81		
	1445		7.33	2.387	13.19	-96.4	11.5	0.77		
	1450		7.18	2.362	13.09	-98.3	7.9	0.74		
	1455		7.08	2.355	13.09	-99.0	8.5	0.72		
	1500		7.22	2.427	13.27	-94.8	10.4	0.73		
	1505		7.08	2.426	12.72	-92.8	6.5	0.73		
	1510		7.12	2.446	12.56	-93.4	2.5	0.76		
	1515		7.12	2.449	12.47	-93.1	1.2	0.73		
11/18/05	0830		—	—	—	—	—	—	7.47	Resume Purging / Sampling
11/18/05	0845		—	—	—	—	—	—		200mL/min

Finished collecting sample

Sample ID: I17-M01A-GF-P-01
I17-M01A-GU-P-02

Sample Collection Time: 0830

DuPont well

Receiving Laboratory: Paragon

Sample Parameters: Total Metals, Dissolved Metals, Inorganics, Anions, Gross alpha/Beta, Radium 226, isotopic U

Sample Collection Personnel: Ken Marion

Well ID: 2MW-01

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	mS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-25-06	1340		6.93	0.816	11.32	-52.7	182.2	0.18	10.25	180 mL/min
	1350		7.02	0.637	11.43	-59.4	81.7	0.12	10.25	
	1356		6.86	0.631	11.22	-64.0	67.8	0.09	10.25	
	1401		6.82	0.639	11.03	-68.2	63.8	0.03	10.25	
	1410		6.74	0.680	11.73	-73.9	53.1	0.04	10.25	
	1417		6.86	0.723	11.89	-76.7	45.6	0.02	10.25	
	1425		6.73	0.740	11.73	-81.9	39.6	0.03	10.25	
	1431		6.73	0.746	11.57	-83.9	41.1	0.03	10.37	
	1440		6.72	0.766	10.89	-84.0	34.7	0.07	10.35	
	1450		6.69	0.774	10.96	-87.1	32.0	0.05	10.35	
	1500		6.69	0.803	11.31	-89.4	24.4	0.09	10.35	
1-26-06	8:20		—	0969	9.25	-43.8	19.8	—		
	8:30		—	1.032	8.13	-68.8	13.5	—		
	8:35			1043	8.36	-73.1	11.5	—		
	8:40			1.065	8.36	-75.4	8.8	—		Stored sample

Sample ID: 2MW-01

Sample Collection Time: 8:40 (1-26)

Receiving Laboratory: _____

Sample Parameters: _____

Sample Collection Personnel: Liza Mathison

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: 2mw-01 Date: 1-25-06

Well Location: F-Canal Sample No:

Well / Site Description:

Weather: Windy / some snow, 30

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 22.7 DTP (TOC) 5.61

Static Water Level (w; ft from TOC or TOR - Circle one) 9.77 Static Water Height (h = d – w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 1.8 L/min Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Well ID: MW-2

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L	[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-23-06	1335	0	7.23	0.552	7.95	6.2	28.2	1.89	4.56	
	1340		7.13	0.549	7.59	-28.6	20.0	1.30		50
	1345		7.10	0.549	7.47	-69.9	6.9	0.83		
	1350		7.08	0.553	7.44	-89.9	4.0	0.[illegible]6		
	1355		7.08	0.552	7.45	-97.6	2.5	0.49		
	1400		7.07	0.549	7.61	-120.8	2.9	0.97		

10.11 = Depth to bottom

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page 1 of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-3

Date: 1-24-06

Well Location:

Sample No:

Well / Site Description:

Weather: Clear 30's

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 23.87

Static Water Level (w; ft from TOC or TOR - Circle one) 5.64

Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Pump Time (min):

Volume Removed (gal) / (L):

Did Well Go Dry?: (YES) (NO)

Recovery Time (min):

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Well ID: MW-03

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	mS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-24-06	1257		5.98	1.113	14.41	-22.3	13.7	2.98	5.84	150 mL/min
	1307		5.94	1.075	14.19	-7.9	8.8	2.15	5.87	
	1317		5.97	1.097	M.20	-20.8	5.8	1.35	5.84	
	1327		6.00	1.118	14.36	-30.9	5.7	0.98	5.84	
	1337		6.05	1.143	14.49	-36.7	4.7	1.04	5.86	
	1347		6.09	1.167	14.62	-40.6	1.7	1.17	5.86	
	1354		6.12	1.176	14.63	-41.8	0.4	1.15	5.89	
	1359		6.11	1.177	14.78	-40.9	1.2	0.91	5.89	

Sample ID: MW-03

Sample Collection Time: 1359

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel:

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD

RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-21 Date: 1-23-06

Well Location: Sample No:

Well / Site Description:

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 22.25

Static Water Level (w; ft from TOC or TOR - Circle one) 6.23 Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Well ID: MW-04

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-23-06	—	—	—	—	—	—	—	✓	6.23	
	10.32		6.95	3.123	10.87	-121.9	48.1	1.73	6.43	180 mL/min
	10.42		6.90	3.271	10.56	-118.2	22.2	1.18	6.34	100 mL/min
	10.52		6.90	3.289	10.14	-136.8	20.6	1.32	6.32	" "
	11.02		6.90	3.280	10.20	-141.2	20.4	1.28	6.34	" "
	11.12		6.89	3.245	9.76	-135.7	17.1	1.12	6.32	" "
	11.20		6.89	3.221	10.17	-155.1	16.3	0.92	6.32	" "
	11.30		6.89	3.186	9.86	-159.2	5.9	0.95	6.28	
	12.40		6.86	3.005	9.86	-190.8	5.4	1.17	6.28	
	12.45		6.86	3.006	9.89	-191.2	6.2	1.28	6.28	
	1250		6.86	3.006	9.91	-192.9	6.7	1.28	6.27	Start sample

Sample ID: MW-04

Sample Collection Time: 1250

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-05

Date: 1-25-06

Well Location:

Sample No:

Well / Site Description:

Weather:

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 23.1

Static Water Level (w; ft from TOC or TOR - Circle one) Prod 5.65 . 5.68 Water Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min):

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

Well ID: MW-05

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond. ms/cm	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-25-06	10.00		6.67	2.319	12.35	-66.7	14.7	0.67	5.77	200 mL/min
	10.10		6.59	1.716	11.80	-92.3	14.2	2.24	5.77	~180
	10.20		6.60	1.639	10.96	-113.3	11.1	3.56	5.77	" "
	10.30		6.62	1.610	11.03	-120.7	8.2	5.06	5.77	" "
	10.40		6.64	1.581	11.16	-125.7	6.2	4.82	5.77	" "
	10.50		6.65	1.535	10.85	-128.6	6.2	4.14	5.77	
	11.00		6.65	1.516	10.99	-126.9	4.0	4.28		

Sample ID: MW-05

Sample Collection Time: 11.00

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-06

Date: 1-19-06

Well Location: _____

Sample No: _____

Well / Site Description: _____

Weather: _____

Well Construction Material: _____

Stick-Up (ft from gound surface to top of casing (TOC) _____

Well Interior Diameter (id) _____

Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from TOC or TOR - Circle one) 9.87

Static Water Level (w; ft from TOC or TOR - Circle one) 5.12

Static Water Height (h = d - w; ft) _____

Purging Method: _____

Purging Equipment: _____

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): _____

Pump Time (min): _____

Volume Removed (gal) / (L): _____

Did Well Go Dry?: (YES) (NO)

Recovery Time (min): _____

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes:

Well ID: MW-06

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
9-19	8.17		7.18	568	7.24	252.4	23.0	1.61	6.21	
	8.20		7.27	560	7.02	248.9	17.6	1.20	6.48	
	8.25		7.28	553	6.82	246.4	[redacted]12.5	0.99	6.45	100 mL/min
	8.30		7.26	546	6.45	244.5	9.0	0.81	6.43	
	8.35		7.23	538	6.91	240.7	1.14	0.64	6.51	
	9.50		7.23	598	8.31	-2.5	-14 ??	0.34	6.65	New YSI DO transducer
	9.56		7.22	603	8.36	-6.0	1.13	0.22	6.67	
	10.01		7.22	609	8.31	-8.3	0.00	0.22	6.62	
	10.06		7.22	611	8.29	-9.9	1.6	0.21	6.61	Start Sample

Sample ID: MW-06

Sample Collection Time: 10.06

Receiving Laboratory: _____

Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-7B

Date: 1-18-06

Well Location: F-Corral

Sample No: 1-MW-07

Well / Site Description: OU1, stick-up well

Weather: windy and cold

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC) ~3'

Well Interior Diameter (id): 4

Well Interior radius (id/2): 2

Distance from TOC to Top of Riser (TOR):

Well Depth (d; ft from (TOC) or TOR - Circle one): 22.52

Static Water Level (w; ft from (TOC) or TOR - Circle one): 5.35

Static Water Height (h = d - w; ft): 17.17

Purging Method: low flow

Purging Equipment: Geopump 2

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 11.16

Pump Rate (gpm) / (Lpm): .2 L/min

Volume Removed (gal) / (L): 15.15L

Recovery Time (min):

Total Volume Removed (gal) / (L): 15.15L

Pump Time (min): 85

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

MW-7B

FIELD SAMPLE PARAMETERS

	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L		mS/cm	°C	mV	NTU	mg/L	ft	150 mL/min
06	1245	0	—	—	—	—	—	—	5.35	
06	1250	.75	7.13	0.493	12.87	-117.5	123	1.77	5.62	90 mL/min
06	1255	1.15	7.10	0.488	12.53	-118.2	33.1	1.47	5.65	200 mL/min
06	1300	2.15	7.13	0.484	12.47	-123.9	27.2	1.17	5.65	
06	1305	3.15	7.12	0.483	12.42	-122.7	27.3	0.94	5.65	
06	1310	4.15	7.13	0.481	12.33	-126.4	25.5	0.80	5.62	
06	1320	8.15	7.15	0.477	12.33	-129.9	16.0	0.54	5.63	
06	1340	10.15	7.17	0.486	13.18	-137.2	12.8	~~0.485~~ 0.37	5.63	
06	1350	12.15	7.15	0.480	12.83	-132.6	11.4	0.34	5.63	
06	1400	13.15	7.16	0.480	12.80	-135.8	11.4	0.31	5.63	
06	1405	14.15	7.15	0.478	12.66	-136.1	9.3	0.31	5.65	
06	1407	14.55	7.14	0476	12.53	-134.7	10.0	0.31	5.65	200 mL/min
06	1410	15.15	7.14	0.476	12.47	-135.6	10.0	0.32	5.66	Collect Sample

PID 0.0 ppm

ple ID: 1-MW-07-GW-P-01
1-MW-07-GF-P-01

ple Collection Time: 1410

Receiving Laboratory: Paragon Labs

Sample Parameters: Dissolved metals/gross alpha/beta, radium 226, isotopic U/total metals/inorganic anions

ple Collection Personnel: Ken Marion

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW 8 Date: 1/17/06

Well Location: Sample No:

Well / Site Description:

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 9.61

Static Water Level (w; ft from (TOC) or TOR - Circle one) 5.19 Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

PIA 0.6

MW-8

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH (pH or pHaV)	Cond. (mS/cm or µS/cm)	Temp.	ORP	Turb	DO (% or mg/L or cH)	Depth to Water from TOC	Pump Rate
Units										
1/17/06	0910		7.30	10.50	6.38	220.5	46.9	9.19	5.19'	
	0915		7.76	10.44	5.97	174.3	6.00	3.49		
	0920		8.06	9.625	4.41	-87.2		4.45		40 mL/m
	0925									
	0930									
	0935									
	0940									
	0945									
	0950									
	1005	NEW YSI	7.91	0.851	2.48	106.7	12.2	9.34		
	1010		7.88	0.841	2.89	106.6	10.7	8.26		
	1015		7.93	0.821	2.87	101.4	11.2	7.69		
	1020		7.96	0.802	2.80	96.6	10.6	8.35		
	1025		8.08	0.773	3.08	89.9	10.3	8.91	4.23'	

Sample ID: _____ Receiving Laboratory: PARAGON

Sample Collection Time: 1-18-06 1500 Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW 09 Date: 1/17/06

Well Location: Sample No:

Well / Site Description:

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 22.75'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 6.9' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

MW 09

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units									
1/17/06	1415		6.73	0.655	8.07	-91.9	19.8	0.22		40 mL/m
	1420		6.72	0.655	7.60	-91.4	18.6	0.21		
	1425		6.72	0.654	7.55	-90.9	18.1	0.21		
	1430		6.71	0.650	7.72	-92.9	15.3	0.25		
	1435		6.72	0.651	7.83	-90.5	14.0	0.24		
	1440		6.72	0.651	7.89	-90.4	13.3	0.24		
	1445		6.72	0.652	7.81	-91.9	13.2	0.22		
	1450		6.72	0.651	7.80	-92.4	13.3	0.22		
	1455		6.72	0.653	7.65	-92.6	11.5	0.22		
	1500		6.72	0.642	8.91	-91.8	8.0	0.20		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1455 Sample Parameters: _____

Sample Collection Personnel: J.A. KAPP

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: 1-MW-10 2" Date: 1-17-06

Well Location: Sample No:

Well / Site Description:

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 9.6

Static Water Level (w; ft from TOC or TOR - Circle one) ~~Gauging from 9-16~~ 4.72 Static Water Height (h = d - w; ft)

Purging Method: low flow Purging Equipment: peristaltic pump / YSI

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 80 mL/min Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Well ID: 1-MW-10

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-17-06	0858	-	7.37	663	6.05	197.6	8.7	1.64	4.31	
	0909		7.5	650	6.08	196.6	6.7	1.24	6.06	
	0914		7.57	657	6.04	191.1	6.8	0.95	6.45	80mL/min
	~~0912~~								8.41	
	~~0917~~		~~8.05~~	~~788~~	~~5.28~~				~~8.21~~	
	~~0919~~		~~8.02~~	~~788~~	5.28	-57	8.3	9.09	8.41	
	~~0925~~		~~8.05~~	~~794~~	~~5.11~~	~~-59.9~~	9.3	9.08	~~8.58~~	
	~~0930~~		8.08	792	4.21	-10.6		9.46	6.76	

Sample ID: _____

Sample Collection Time: 0914

Receiving Laboratory: _____

Sample Parameters: _____

Sample Collection Personnel: EM

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-11 2" Date: 1-17-06

Well Location: Sample No:

Well / Site Description:

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 23.02

Static Water Level (w; ft from TOC or TOR - Circle one) gauging from 9-16 7.45 Static Water Height (h = d - w; ft)

Purging Method: peristaltic pump low flow Purging Equipment: pump, y s,

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Well ID: I-MW-11

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1/17/06	1333		11.9	139.0	7.59	-195	13.9	~~3.28~~ 3.93	8.26	40
	1342		11.90	146	8.63	-216	11.6	0.59	8.33	
	1348		11.90	146.7	9.58	-230	9.9	0.44	8.33	
	1353		11.89	146.7	9.84	-229	8.7	0.33	8.33	
→	1356		11.89	146.9	10.06	-232	8.4	0.29	8.34	
	1452									EQ Sample

Sample ID: _____

Receiving Laboratory: _____

Sample Collection Time: 1356

Sample Parameters: _____

Sample Collection Personnel: EM

Scanned

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW 12

Date: 1/23/06

Well Location: _____

Sample No: _____

Well / Site Description: _____

Weather: _____

Well Construction Material: _____

Stick-Up (ft from gound surface to top of casing (TOC) _____

Well Interior Diameter (id) _____

Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from (TOC) or TOR - Circle one) 10.04'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 9.19'

Static Water Height (h = d - w; ft) _____

Purging Method: _____

Purging Equipment: _____

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): _____

Pump Time (min): _____

Volume Removed (gal) / (L): _____

Did Well Go Dry?: (YES) (NO)

Recovery Time (min): _____

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes:

Scanned

FROM TOC
DEPTH 10.04'
DEPTH TO H20 4.19'

Well ID: MW 12

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1/23/06	1040		7.55	1.259	8.77	-26.5	23.2	3.72	4.19'	800
	1045		7.63	1.265	8.08	-108.9	8.6	0.68		
	1050		7.61	1.270	7.94	-128.2	6.4	0.56		
	1055		7.58	1.271	7.78	-150.0	2.9	0.44		
	1100		7.56	1.275	7.85	-156.7	0.6	0.36		

Sample ID: _____

Receiving Laboratory: _____

Sample Collection Time: 1100

Sample Parameters: _____

Sample Collection Personnel: J.A. KAPP

Page ___ of ___

DEPTH 22.10 (6 TO 8" OF MUD)

Well ID: MW 13

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1/24/06	1045		5.49	3.798	13.63	52.9	27.4	2.30	6.96'	
	1050		5.27	3.788	13.35	77.8	26.5	0.94		60
	1055		5.30	3.762	13.32	77.3	28.7	0.85		
	1100		5.33	3.735	13.34	76.3	24.1	0.81		
	1105		5.35	3.714	13.49	74.8	20.7	0.82		
	1110		5.37	3.689	13.53	73.3	18.7	0.79		
	1115		5.39	3.656	13.47	72.7	17.0	0.77		
	1120		5.41	3.632	13.62	71.8	14.8	0.75		
	1125		5.43	3.596	13.59	70.9	13.8	0.77		
	1130		5.44	3.559	13.63	69.4	12.2	0.77		
	1235		5.36	3.599	14.45	66.9	15.3	3.18		
	1240		5.37	3.555	14.39	70.2	10.5	0.85		
	1245		5.41	3.520	14.09	71.0	8.1	0.58		
	1250		5.44	3.471	13.89	68.8	6.5	0.51		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1250 Sample Parameters: _____

Sample Collection Personnel:

DEPTH ~~22.68~~ 22.98

Well ID: MW-14

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1/24/06	1500		7.20	2.530	11.74	-115.4	38.6	0.71	7.12	80
	1505		7.22	2.529	11.56	-121.6	31.6	0.44		
	1510		7.23	2.539	11.49	-125.8	22.1	0.34		
	1515		7.23	2.554	11.55	-128.1	18.2	0.29		
	1520		7.20	2.579	11.67	-128.6	13.8	0.29		
	1525		7.18	2.595	11.69	-121.7	10.4	0.27		
1-25-06	0805		~~7.39~~	~~2.360~~	9.89	~~-120.3~~	8.0	~~6.85~~	7.05	150
1-25-06	0810		7.32	2.360	9.09	-120.3	8.0	—	7.16	DO probe malfunction
1-25-06	0815		7.37	2.368	9.16	-124.9	5.7	—	7.16	150
1-25-06	0820		7.31	2.394	9.49	-125.9	4.3	—	7.16	150
1-25-06	0825		7.31	2.425	9.80	-126.0	2.9	—	7.17	Collect sample

Sample ID: _____

Sample Collection Time: 0825

Receiving Laboratory: _____

Sample Parameters: _____

Sample Collection Personnel:

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW 15

Date: 1/24/06

Well Location:

Sample No:

Well / Site Description:

Weather:

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 9.10'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 4.51'

Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min):

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

Well ID: MW 15

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1/24/06	0900		6.81	0.897	8.45	217.6	24.3	1.50	4.51'	56
	0905		6.82	0.848	7.45	162.9	14.9	0.96		
	0910		6.81	0.812	7.59	-8.7	8.6	0.99		
	0915		6.80	0.784	7.61	-62.9	1.5	1.08		
	0920		6.81	0.808	7.77	-82.5	0.0	0.95		
	0925		6.83	0.848	7.95	-99.4	0.3	0.80		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 0925 Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD

RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-16

Date: 1-20-06

Well Location: F-Corral

Sample No: 2-MW-16-GF-06-P-01
2-MW-16-GW-06-P-02

Well / Site Description: stick up

Weather: Mostly Sunny, mild

Well Construction Material: PVC

Stick-Up (ft from gound surface to top of casing (TOC) ~3'

Well Interior Diameter (id) 4

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2) 2

Well Depth (d; ft from (TOC) or TOR - Circle one) 20.74

Static Water Level (w; ft from (TOC) or TOR - Circle one) 4.73

Static Water Height (h = d - w; ft) 16.01

Purging Method: low flow

Purging Equipment: Geopump 2

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: 10.4 gals

Pump Rate (gpm) / (Lpm): .2 L/min

Pump Time (min): 80

Volume Removed (gal) / (L): 16 L

Did Well Go Dry?: (YES) (NO)

Recovery Time (min):

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes: 1394 mS/cm³
1.042 mS/cm

Well ID: MW-16

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	
	Units	L	[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min	
1-20-06	0795	0	–	–	–	–	–	–	4.73	200	
1-20-06	0750	1	9.61	1402	11.01	-203.8	31	1.60	4.75	200	some particulates in purge water
1-20-06	0800	KM ~~3~~	9.75	1396	11.85	-263.8	30	0.44	4.76	200	
1-20-06	0810	5	9.76	1394	11.83	-304.5	35	0.32	4.76	200	
1-20-06	0820	7	9.76	1393	11.98	-340.8	36.1	0.24	4.76	200	
1-20-06	0830	9	9.76	1396	12.08	-357.3	23.8	0.22	4.76	200	
1-20-06	0840	11	9.76	1397	12.21	-363.4	31	0.20	4.76	200	
1-20-06	0845	12	9.76	1399	12.24	-370.7	20	0.19	4.76	200	
1-20-06	0850	13	9.76	1403	12.30	-370.6	16.7	0.18	4.76	200	
1-20-06	0855	14	9.76	1405	12.44	-379.9	15.7	0.17	4.77	200	
1-20-06	0900	15	9.76	1407	12.54	-366.4	15.5	0.16	4.77	200	
1-20-06	0905	16	9.76	1411	12.40	-362.6	13.8	0.15	4.77	200	collect sample

Sample ID: 2-MW-16-GF-P-01
2-MW-16-GU-P-02

Sample Collection Time: 0905

Receiving Laboratory: Paragon

Sample Parameters:

Sample Collection Personnel: Joey Liza M

Page 1 of 1

Sampler: L Mattison MW-17

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-17 Date: 1/18/06

Well Location: Sample No:

Well / Site Description:

Weather: Moderate → heavy rain, temps in 50's.

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 21.45

Static Water Level (w; ft from TOC or TOR - Circle one) 5.59 Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

52 12

MW-17

Sampler: L. Mattison

3

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units										
1-18-06	1040	—	6.74	790	11.97	-43.3	36.2	1.67	5.67	160 mL/min
	1045	0.4L	6.68	793	12.08	-69.0	22.7	0.48	5.67	80 mL/min
	1050		6.67	792	11.99	-77.6	24.3	0.36	5.65	
	1055		6.67	789	11.28	-82.7	23.6	0.29	5.66	
	1245		6.68	792	11.18	-79.5	9.3	0.21	5.67	100 mL/min
	1250		6.67	790	11.24	-81.1	11.3	0.20	5.67	"
	1255		6.67	788	11.08	-82.7	10.8	0.20	5.67	
	1304		6.66	784	10.76	-84.0	8.5	0.19	5.67	
	1309		6.66	783	10.75	-84.7	6.1	0.19	5.67	Start sampling

P.D 1.0

Sample ID: MW-17

Receiving Laboratory:

Sample Collection Time: 1309

Sample Parameters:

Sample Collection Personnel:

Page ___ of ___

Samplers: L. Mattison

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-18 Date: 1-18-06

Well Location: F Canal Sample No:

Well / Site Description:

Weather: Steady rain - winds out of west 10-15 mph.

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 9.62

Static Water Level (w; ft from TOC or TOR - Circle one) ~~4.98~~ 4.41 Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

35

Samplers: L Maltison

MW-18

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	
1-18-06	Units	~~RPA~~									
RPA ~~0820~~	0820	~~1.2L~~	6.98	494	9.84	107.2	24.7	2.16	4.98	~~80 mL/min~~	200
	0827	~~1.2L~~ 1.4	7.15	531	9.27	36.2	2.9	0.66	4.92	~~80 mL/min~~	200
	0832	~~1.2L~~ 1.0	7.25	555	9.26	-4.8	2.5	0.45	4.98	~~80 mL/min~~	200
	0835	~~1.2L~~ 0.6	7.32	573	9.18	-40.8	0.3	0.36	5.01	↓	↓
	0840	~~1.2L~~ 1.0	7.38	594	9.17	-67.8	0.1	0.31	5.04	↓	
	0845	~~1.2L~~ 1.0	7.44	618	9.11	-89.6	0.1	0.24	5.07	~~80 mL/min~~	200
	0850	~~1.2L~~ 1.0	7.50	634	9.17	-103.2	0.2	0.22	5.05	200 mL/min	200
	0855	~~0.5L~~ .25	7.53	644	9.56	-113.9	0.1	0.21	4.94	50 mL/min	
	0900	~~0.5L~~ .25	7.56	648	9.67	-120.7	0.1	0.22	4.91	50	
	0905	~~0.5L~~ .25	7.57	656	9.62	-125.1	0.2	0.20	4.93	50	
	0910	~~0.5L~~ .25	7.58	660	9.61	-128.6	~~0.2~~ 0.1 RPA	0.20	4.90	Start Sampling	
		RPA									
		~~1.6L~~ 2.0 L									

PID ND

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel: _____

Page ___ of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW 19 Date: 1/20/06

Well Location: Sample No:

Well / Site Description:

Weather: Sunny

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 6.35'

Static Water Level (w; ft from (TOC) or TOR - Circle one) 2.51' Static Water Height (h = d - w; ft)

Purging Method: Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

Well ID: MW 19

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1/20/06	1325		6.60	1.525	10.71	-93.1	141.8	1.93	2.51	80
	1330		6.60	1.523	11.08	-89.2	31.7	0.71		
	1335		6.58	1.524	11.47	-93.5	53.5	0.61		
	1340		6.59	1.531	11.69	-91.6	27.8	0.81		
	1345		6.59	1.531	12.99	-89.4	18.9	0.79		
	1350									
	1355									
	0835		6.62	1.599	7.35	-82.6	30.2	1.78		
	0840		6.69	1.554	7.23	-88.2	20.7	1.14		
	0845		6.55	1.554	7.42	-97.8	16.3	1.08		
	0850		6.68	1.547	7.45	-105.2	14.9	0.69		

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW 20 A

Date: 1/20/06

Well Location:

Sample No:

Well / Site Description:

Weather:

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Well Interior radius (id/2)

Distance from TOC to Top of Riser (TOR):

Well Depth (d; ft from TOC or TOR - Circle one) 9.99'

Static Water Level (w; ft from TOC or TOR - Circle one) 4.52'

Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min):

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

Well ID: MW 20A

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1/20/06	1440		6.99	1.008	11.22	-113.9	1.5	1.43	4.52'	80
	1445		7.00	1.009	11.60	-127.9	1.1	0.57		
	1450		7.00	1.009	11.33	-131.5	0.9	0.37		

Sample ID: _____

Receiving Laboratory: _____

Sample Collection Time: 1450

Sample Parameters: _____

Sample Collection Personnel:

L. Mattison

CABRERA SERVICES
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-27

Date: 1-19-06

Well Location:

Sample No:

Well / Site Description:

Weather: 30's sunny

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 11.61

Static Water Level (w; ft from TOC or TOR - Circle one) 5.03

Static Water Height (h = d - w; ft)

Purging Method:

Purging Equipment:

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min):

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

Well ID: MW-21(A)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-19	10.43		6.82	846	8.92	-128.8	13.4	6.05	5.53	
	10.48		6.85	843	9.041	+129.3	12.6	3.26	5.59	~100~
	10.53		6.86	842	8.90	-97.3	14	1.72	5.67	~80
	10.57		6.87	842	8.66	-89.8	14	0.83	5.73	
	11.02		6.87	842	8.50	-86.2	14	0.59	5.77	
	11.58		6.88	841	9.42	-93.7	12	0.24	6.22	
	11.03		6.88	841	9.44	-96.8	11	0.17	6.15	
	11.08		6.88	841	9.46	-96.2	10	0.17	6.11	
	11.13		6.88	841	9.47	-96.7	10	0.18	6.08	Sat Sample

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 11,13 Sample Parameters: _____

Sample Collection Personnel:

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TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-22

Date: 1-19-06

Well Location:

Sample No:

Well / Site Description:

Weather:

Well Construction Material:

Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id)

Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) ~~9.13~~

Static Water Level (w; ft from TOC or TOR - Circle one) 3.97

Static Water Height (h = d - w; ft)

Purging Method: low flow

Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm):

Volume Removed (gal) / (L):

Recovery Time (min):

Total Volume Removed (gal) / (L):

Pump Time (min):

Did Well Go Dry?: (YES) (NO)

Purge Again?: (YES) (NO)

Notes:

Well ID: MW-22

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
									3.97	Depth: 9.13
1-19-06	12.50		7.60	1824	8.73	-138.3	11	1.43	4.22	150 mL/min
	12.55		7.58	1845	8.69	-139.9	5.7	0.67	4.42	
	1300		7.60	1849	8.45	-138.9	5.3	0.36	4.64	
	1305		7.60	1847	8.28	-139.9	5.3	0.37	4.84	
	1310		7.62	1844	8.78	-136.5	5.1	0.29	5.01	Hot sample

Sample ID: MW-22

Sample Collection Time: 1310

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel: EM

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD

RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-23 Date: 1-20-06

Well Location: Sample No:

Well / Site Description:

Weather:

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from (TOC) or TOR - Circle one) 21.50

Static Water Level (w; ft from (TOC) or TOR - Circle one) 4.80 Static Water Height (h = d - w; ft)

Purging Method: low flow Purging Equipment: peristaltic pumps

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units				mS/cm³						
		—	—	—	—	—	—	—	4.80	21.50 Well Depth
4-20-06	13:30		6.98	1.079	13.64	-123.6	4.8	1.35	4.81	~180 mL/min
	13:40		7.00	1.078	13.72	-127.7	14.1	1.04	4.81	" "
	13:45		6.98	1.072	13.81	-127.0	5.0	1.05	4.81	" "
	13:50		6.99	1.071	13.86	-130.7	8.7	0.96	4.81	" "
	~~1400~~		6.98	1.070	13.87	-131.9	5.0	0.92	4.81	≠ stop sample

Sample ID: MW-23 B

Receiving Laboratory:

Sample Collection Time: 1400

Sample Parameters:

Sample Collection Personnel:

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TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-24 Date: 1-20-06

Well Location: Sample No:

Well / Site Description:

Weather: sunny 30's

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 10.56

Static Water Level (w; ft from TOC or TOR - Circle one) 3.60 Static Water Height (h = d - w; ft)

Purging Method: low flow Purging Equipment: peristaltic

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): Pump Time (min):

Volume Removed (gal) / (L): Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond. µs/cm³	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L								
1-20-16		~~0~~	—	—	—	—	—	—	3.60	200 mL/min
	9.30	0	11.28	398	8.79	-306.1	5.26	0.93	3.60	200
	9.38	1.6	11.54	376	8.61	-282.7	4.33	0.81	3.60	200
	951		11.64	363	8.77	-271.9	4.59	0.48	~~5.60~~ 5.61	200
	10.01		11.66	360	9.22	-288.9	4.33	0.50	5.87	100mL
	10.06		11.68	360	9.45	-293.3	4.79	0.52	5.89	
	10.11		11.70	360	9.44	-292.8		0.52	5.99	Short Sample

cond mS/cm 0.273

PID = N/D

Sample ID: MW-24-A (4" well) Receiving Laboratory:

Sample Collection Time: 10.11 Sample Parameters:

Sample Collection Personnel:

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TEMPORARY WELL POINT AND SAMPLING RECORD

Well ID / AOC: MW-25

Date: 1-24-06

Well Location: _____

Sample No: _____

Well / Site Description: _____

Weather: _____

Well Construction Material: _____

Stick-Up (ft from gound surface to top of casing (TOC) _____

Well Interior Diameter (id) _____

Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from TOC or TOR - Circle one) 36.5

Static Water Level (w; ft from TOC or TOR - Circle one) 10.75

Static Water Height (h = d - w; ft) _____

Purging Method: _____

Purging Equipment: _____

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): _____

Pump Time (min): _____

Volume Removed (gal) / (L): _____

Did Well Go Dry?: (YES) (NO)

Recovery Time (min): _____

Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes:

Well ID: MW -25

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-24-06	9.17		11.58	5.311	15.29	129.7	-8.8	1.92	11.25	180 mL/min
	9.27		11.65	5.367	14.92	-8.5	-9.0	2.11	11.76	
	9.40		11.68	5.383	14.51	-60.1	-9.5	1.79	12.26	
	9.50		11.67	5.365	14.93	-73.9	-9.4	2.63	12.58	
	10.00		11.66	5.383	15.05	-80.4	-9.9	3.38	12.93	
	10.05		11.66	5.372	15.24	-81.4	-9.8	3.75	13.11	
	10.10		11.66	5.382	15.24	-81.7	-8.7	3.08	13.28	
	10.15		11.66	5.379	15.12	-81.4	-8.8	2.90	13.41	start sample

Sample ID: MW -25

Sample Collection Time: 10.15

Receiving Laboratory: _____

Sample Parameters: _____

Sample Collection Personnel: CMattson

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD
RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: MW-26 Date: _____

Well Location: _____ Sample No: _____

Well / Site Description: _____

Weather: _____

Well Construction Material: _____ Stick-Up (ft from gound surface to top of casing (TOC) _____

Well Interior Diameter (id) _____ Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from TOC or TOR - Circle one) 10.22

Static Water Level (w; ft from TOC or TOR - Circle one) ~~5.60~~ 6.38 Static Water Height (h = d - w; ft) _____

Purging Method: _____ Purging Equipment: _____

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): _____ Pump Time (min): _____

Volume Removed (gal) / (L): _____ Did Well Go Dry?: (YES) (NO)

Recovery Time (min): _____ Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes:

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units								~~6.38~~	
1-20-06	10:30	—	—	—	—	—	—	—	6.38	200
	10.40		12.33	1071	10.99	-179.2	9.75	1.35	7.35	200
	10.50		12.33	1072	10.96	-153.8	9.74	3.42	7.41	200
	11.05		12.32	1069	11.15	-119.3	9.55	4.93	7.49	200
	1115		12.32	1076	11.43	-144.3	10.00	4.04	7.92	200
	1125		12.34	1086	11.41	-118.7	~~10.36~~ 10.16	2.44	8.36	200
	1130		12.36	1095	11.41	-126.3	10.05	1.47	8.59	150
	1145		12.37	1102	11.45	-122.6	10.91	0.64	8.84	
1-23-06			—	—	—	—	—	—	6.15	
	8.22		11.19	1.192	9.63	-41.0	14.3	2.08	6.50	40 mL/min
	8.27		11.41	1.138	8.67	-78.6	12.9	0.73	6.63	
	8.36		11.48	1.128	8.79	-103.0	13.3	0.59	6.77	
	~~8.41~~									
	8.47		11.52	1.134	8.19	-115.0	15.3	0.41	6.94	
	858		11.55	1.134	7.36	-112.0	15.4	0.28	6.93	

Sample ID: MW-26 Receiving Laboratory:

Sample Collection Time: 0836 Sample Parameters:

Sample Collection Personnel:

Well ID: MW-26

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-23-06	9:03		11.57	1.142	6.62	-109.4	14.2	0.55	6.98	
	9:10		11.57	1.132	6.67	-108.7	15.4	0.50	7.05	
	9:15		11.57	1.126	6.87	-105.1	16.0	0.50	7.11	
	9:30		11.57	1.118	7.29	-95.7	15.4	0.42	7.28	
	9:36		11.57	1.113	7.71	-108.3	15.1	0.31	7.37	Start sample

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 09:37 Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD

RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: ~~MW-17~~ 1-17-MO1A Date: 1-26-06

Well Location: Sample No:

Well / Site Description:

Weather: windy, 30's sunny

Well Construction Material: Stick-Up (ft from gound surface to top of casing (TOC)

Well Interior Diameter (id) Distance from TOC to Top of Riser (TOR):

Well Interior radius (id/2)

Well Depth (d; ft from TOC or TOR - Circle one) 11.56

Static Water Level (w; ft from TOC or TOR - Circle one) 5.39 Static Water Height (h = d - w; ft)

Purging Method: lowflow Purging Equipment: peristaltic pump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well:

Pump Rate (gpm) / (Lpm): 1.4 L/min Pump Time (min):

Volume Removed (gal) / (L): 30 x 1.4 Did Well Go Dry?: (YES) (NO)

Recovery Time (min): Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L):

Notes:

36

1-17-M01A

Well ID: MW-17 (by river)

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-26-2006	1300		7.05	3.408	8.85	-134.5	119.0	3.68?	6.70	200
	1305		7.09	3.397	8.59	-132.7	78	—	RM ~~6.90~~ 7.15	140
	1313		7.03	3.383	8.95	-132.5	42	—	7.20	
	1320		7.08	3.399	8.96	-138.4	20.0	—	7.23	
	1325		7.07	3.398	8.88	-143.1	9.6	—		
	1330		7.05	3.405	8.99	-146.4	8.3	—	7.48	

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1335 1-26-2006 Sample Parameters: _____

Sample Collection Personnel: Lora Matthews

Page ___ of ___

Well ID: G-MW-01 / Flush Mount

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L	[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
			—	—	—	—	—	—	8.45	200
1-25-06	1030	0	—	—	—	—	—	—	8.69	Do probe malfunction
1-25-06	1035	1	6.27	1.082	12.57	17.4	3.4	—	8.69	
1-25-06	1040	2	6.25	1.081	12.54	21.7	3.4	—	8.69	
1-25-06	1045	3	6.27	1.082	12.60	27.6	3.6	—	8.69	
1-25-06	1050	4	6.27	1.089	12.59	27.2	3.4	—	8.69	
1-25-06	1055	5	6.27	1.087	12.60	28.9	3.3	—	8.69	Collect sample

Depth to Bottom = 17.12

Sample ID: _____

Sample Collection Time: 1055

Receiving Laboratory: Paragon

Sample Parameters: _____

Sample Collection Personnel: Ken Marion

6-MW-02

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units				mS/cm³	°C	mV	NTU	mg/L		mL/min
1-25-06	1255	0	—	—	—	—	—	—	8.36	200
1-25-06	1300	1	5.97	0.454	11.91	95.7	4.5	1.59	8.44	200
1-25-06	1305	2	5.96	0.454	11.95	97.3	5.8	1.15	8.45	200
1-25-06	1310	3	5.95	0.454	12.19	101.1	5.6	0.73	8.45	200
1-25-06	1315	4	5.95	0.458	12.29	101.9	8.0	0.59	8.45	200
1-25-06	1330	5	5.95	0.460	12.31	104.7	5.3	0.41	8.45	200
1-25-06	1340	7	5.94	0.465	12.54	106.6	66.0	0.38	8.46	low batteries
1-25-06	1345	8	5.94	0.464	12.48	106.9	62.9	0.37	8.46	
1-25-06	1350	9	5.94	0.472	12.53	108.3	77.0	0.35	8.46	collect sample

Depth to bottom = 17.22 / collect split sample + Duplicate

Sample ID: _____ Receiving Laboratory: Paragon

Sample Collection Time: 1350 Sample Parameters: _____

Sample Collection Personnel: Ken Marion

CABRERA SERVICES TEMPORARY WELL POINT AND SAMPLING RECORD

RADIOLOGICAL · ENVIRONMENTAL · REMEDIATION

Well ID / AOC: 6 mw-03 Date: _____

Well Location: _____ Sample No: _____

Well / Site Description: _____

Weather: _____

Well Construction Material: _____ Stick-Up (ft from gound surface to top of casing (TOC) _____

Well Interior Diameter (id) _____ Distance from TOC to Top of Riser (TOR): _____

Well Interior radius (id/2) _____

Well Depth (d; ft from TOC or TOR - Circle one) 17.43

Static Water Level (w; ft from TOC or TOR - Circle one) 9.18 Static Water Height (h = d - w; ft) _____

Purging Method: low flow Purging Equipment: peristaltic pump

Static Water Volume (V = h(0.16) gal for 2" well; h(0.65) gal for 4" well; h(1.5) gal for 6" well: _____

Pump Rate (gpm) / (Lpm): 1 L/min Pump Time (min): 16

Volume Removed (gal) / (L): 16L Did Well Go Dry?: (YES) (~~NO~~)

Recovery Time (min): _____ Purge Again?: (YES) (NO)

Total Volume Removed (gal) / (L): _____

Notes:

Well ID: 6 MW-03

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
1-26-06	9.46		5.56	1.638	12.82	89.0	0.6	—1?	9.22	100 mL/min
	9.51		5.57	1.639	12.66	93.5	0.5	1?	9.22	
	9.57		5.57	1.636	13.07	102.6	0.5	—1?	9.22	
	10.02		5.59	1.637	12.14	105.2	0.6	—	9.22	

Sample ID: 6 MW-02

Sample Collection Time: 10.02

Receiving Laboratory:

Sample Parameters:

Sample Collection Personnel: C.A Madison

Page ___ of ___

Well ID: MW-1

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
5/4/06	1405								5.98*	
	1410		6.78	2328	19.74	-128	10.4	1.56	6.29	150
	1415		6.77	2310	19.10	-129	12.1	0.59	6.29	150
	1420		6.75	2305	18.61	-129	56.6	0.37	6.30	150
	1425		6.76	2241	18.84	-129	21.7	0.27	6.30	150
	1430		6.79	2192	18.89	-128	10.4	0.25	6.30	↓
	1435		6.74	1945	18.92	-122	11.4	0.23	6.30	↓
	1440		6.72	1625	19.06	-116	8.7	0.22	6.30	↓
	1445		6.70	1470	19.01	-112	4.1	0.20	6.30	150
	1450		6.70	1402	19.16	-110	—	0.19	6.30	150
	1455		6.69	1356	19.20	-110	—	0.18	6.30	150
	1455	start sampling								

*top of floating product

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

Well ID: MW-2

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
5/3/06	0820	150	7.29	921	16.85	-177	2.9	0.58	5.75	150
	0825	300	7.26	841	17.11	-155	2.5	0.60	6.05	150
	0830	450	7.19	718	17.52	-132	5.1	0.53	6.48	150
	0835	600	7.24	670	17.71	-118	4.3	0.56	6.66	
	0840	750	7.17	645	17.70	-105	1.7	0.51	6.95	
	0845	900	7.12	643	17.65	-99	1.0	0.48	7.16	
	0850	1050	7.11	655	17.51	-96	—	0.44	7.45	
	0855		7.12	686	17.58	-97	—	0.43	7.98	
	0900		7.14	746	17.16	-108		0.48	9.21	(went dry)
	1350	Start purging							6.51	
	1355	Start sampling - filled 1L containers, went dry.								
5/4/06	0815	Start sampling 4L containers								
	0845	Finish sampling								

7.2 1030 ea

Sample ID: MW-2

Receiving Laboratory:

Sample Collection Time: 1350 5/3/06

Sample Parameters:

Sample Collection Personnel: RA

Page ___ of ___

Well ID: MW-3

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	PID
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min	
5/4/06	1235								6.02		0.0 BZ
	1245		5.66	1474	21.38	35.2	17.8	1.16	6.18	150	
	1255		5.47	1469	20.67	50.0	18.5	0.68	6.17	100	0.0 BZ.
	1305		5.53	1496	20.53	32.1	17.5	0.58	6.16	100	
	1315		5.56	1492	20.35	25.6	7.4	0.49	6.19	100	
	1325		5.57	1483	20.67	25.5	7.0	0.51	6.18	100	
	1335		5.62	1485	20.33	17.9	6.3	0.56	6.19	100	
	1345		5.65	1484	20.69	14.8	7.3	0.58	6.19	100	
	1355		5.73	1479	20.32	8.9	7.0	0.52	6.20	100	
	1405		5.78	1479	20.51	-4.4	7.1	0.50	6.20	100	
*	1415		5.75	1471	20.16	-8.8	0.0 *	0.48	6.19	100	
	1425		5.81	1473	20.58	-11.6	0.0	0.51	6.21	100	
	1430		5.80	1471	20.32	-12.6	0.0	0.50	6.22	100	
	1435		5.79	1468	19.96	-12.8	0.0	0.48	6.21	100	
	1440	SAMPLE	MW-3								

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1440 Sample Parameters: _____

Sample Collection Personnel: D. KATELEY

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* TURB JUMPED TO NEGATIVE #'S LOGGED AS 0.0 DK

Well ID: MW-4

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units	L	[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
5-3-06	0820	0	—	—	—	—	—	—	6.35	Depth to Bottom = 22.50 ft
5-3-06	0825	1	6.76	2023	15.20	-34.3	77.4	0.61	6.55	200 mL/min
5-3-06	0830	2	6.75	2010	15.42	-48.9	66.8	3.9	6.54	
5-3-06	0840	4	6.80	2033	15.35	-70.4	57.4	0.23	6.53	small iron flakes
5-3-06	0850	6	6.80	2101	15.40	-88.0	36.2	0.18	6.56	visible in purge
5-3-06	0855	7	6.78	2117	15.41	-89.0	47.7	0.16	6.57	water
5-3-06	0905	9	6.78	2140	15.44	-87.7	45.2	0.16	6.60	
5-3-06	0915	11	6.78	2140	15.57	-103.2	42.4	0.16	6.50	
5-3-06	0920	12	6.76	2141	15.63	-94.5	42.7	0.17	6.47	
5-3-06	0925	13	6.78	2146	15.86	-100.4	36.5	0.19	6.48	100 mL/min
5-3-06	0930	13.5	6.78	2149	15.92	-100.7	35.7	0.19	6.48	
5-3-06	0935	14	6.78	2151	15.95	-92.7	31.6	0.18	6.48	
5-3-06	0955	16	6.77	2150	16.46	-100.2	23.8	0.17	6.48	
5-3-06	1005	17	6.77	2146	16.65	-103.0	21.8	0.17	6.50	
5-3-06	1010	17.5	6.76	2147	16.77	-99.7	20.0	0.17	6.50	
5-3-06	1015	18	6.76	2147	16.77	-103.2	20.0	0.17	6.50	100 mL/min
5-3-06	1020	18.5	6.73	2150	16.80	-101.0	19.1	0.16	6.50	collect sample

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel: Ken Marion

Well ID: MW-5

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	PID	
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min		
									6.10'		0.0	
5/4/06	0930											
	0935		7.01	2107	17.94	-123.4	3.1	0.37	6.21	100	0.0	IN BZ.
	0945		6.89	2208	17.52	-115.2	2.8	0.51	6.23	100	0.0	" "
	0955		6.92	2199	17.63	-113.5	2.9	0.56	6.24	100		
	1005		7.01	2156	17.43	-124.8	2.6	0.58	6.24	100		
	1015		7.11	2077	18.05	-130.4	2.10	0.56	6.22	100	0.0	BZ
	1025		7.18	2007	18.16	-130.5	1.9	0.63	6.22	100		
	1035		7.22	1988	18.07	-134.1	1.2	0.66	6.23	100	0.0	BZ
→	1040	COLLECT SAMPLE MW-5										

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: 1040 Sample Parameters: _____

Sample Collection Personnel: D. KATELEY

Page ___ of ___

Well ID: MW-6

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
Units			[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
									5.20	
4/27/06	1430								6.46	200
	1435		7.66	469	21.04	59.2	41.6	0.61	6.59	~~25~~ 150
	1440		7.38	480	19.92	-97.8	23.7	0.56	6.63	150
	1445		7.27	484	20.05	-123.8	25.1	0.61	6.69	150
	1450		7.16	491	20.31	-133.1	18.1	0.69	6.70	150
	1455		7.09	501	20.54	-136.2	10.4	0.61	6.71	150
	1500		7.06	508	20.42	-137.9	5.9	0.51	6.75	150
	1510		7.03	515	20.16	-139.8	3.5	0.39	6.79	150
	1515		7.03	520	20.13	-141.1	2.9	0.36	6.81	150
	1520		7.03	524	20.01	-143.1	1.9	0.33		
	1525	SAMPLE MW-6								

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

Well ID: MW-7

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
									5.72	~~150~~
4/28/06	0855									
	0905		6.75	634	14.37	-98.5	0.4	1.58	5.75	150
	0910		6.96	641	14.44	-93.1	0.5	1.53	5.79	100
	0915		6.97	642	14.38	-86.3	0.2	1.66	5.81	80
	0920		6.96	642	14.33	-81.4	0.2	1.77	5.78	80
	0925		6.99	640	14.42	-98.5	0.1	1.86	5.81	80
	0930		6.99	639	14.48	-100.2	0.1	1.70	5.81	80
	0935		7.00	638	14.60	-97.1	0.8	1.66	5.80	80
	0940	SAMPLE=		MW-7						

Sample ID: _____

Sample Collection Time: _____

Receiving Laboratory: _____

Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

Well ID: 8

FIELD SAMPLE PARAMETERS

	Date	Time	Volume Removed	pH	Specific Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate
		Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min
START PURGE →	4/26/06	1348		7.38	662	15.09	33.6	5.1	0.59		300
		1353		8.17	555	14.96	-17.2	4.6	0.51		300
DECREASE FLOWRATE →		1357		8.43	525	15.49	-104.6	5.3	8.11		60
		1405		8.63	594	16.53	-46.4	6.6	8.88		30
DECREASE FLOWRATE →		1412		8.71	594	17.53	-117.3		9.07		20
		1420		8.78	589	18.18	-122.2		8.94		30
		1427		8.82	586	18.71	-32.0		8.72		30
BLOCK FLOW-THROUGH CELL FROM SUNLIGHT →		1433		8.84	582	19.04	-29.1	9.0	8.68		40
		1438		8.84	581	18.73	-26.5	9.2	8.64		50
DECREASE FLOWRATE →		1443		8.84	578	18.39	-26.9	9.3	8.71		25
" " →		1448		8.83	576	18.09	-27.8	9.4	8.64		60
		1453		8.82	570	17.91	-29.0	9.0	8.58		35
DECREASE FLOWRATE →		1459		8.81	570	17.60	-31.0	11.7	8.82	7.18	35
		1504		8.81	569	17.50	-32.1	8.8	8.64	7.17	20
	4/26/06	1509		8.79	566	17.41	-33.2	8.5	8.81	7.18	10

Sample ID: _____ Receiving Laboratory: _____

Sample Collection Time: _____ Sample Parameters: _____

Sample Collection Personnel:

Page ___ of ___

Well ID: 8

FIELD SAMPLE PARAMETERS

Date	Time	Volume Removed	pH	Cond.	Temp.	ORP	Turb	DO	Depth to Water from TOC	Pump Rate	
	Units		[-]	uS/cm3	degC	mV	NTU	mg/L	FT	mL/min	
4/26/06	1515		8.78	564	17.28	-34.3	8.2	8.88	7.18	20	
4/26/06	1521		8.77	561	17.18	-35.4	8.2	8.93	7.18	20	
4/26/06	1524										STOP PURGE →
4/27/06	0919								5.21		RESUME PURGE →
	0924		7.70	568	14.92	151.3	3.2	1.83	6.14	120	DECREASE FLOW →
	0928		8.11	568	14.96	110.4	3.5	2.69	6.30	120	
	0934		8.33	565	15.04	43.7	4.1	3.13	6.52	120	
	0939		8.55	548	15.06	-3.3	5.4	3.54	6.70	90	
	0944		8.70	508	14.98	-19.7	6.0	3.03	6.89	90	
	0950		8.77	508	15.06	-47.9	5.7	3.74	7.10	120	
	0954										STOP PURGE →
4/27/06	0956		8.90	505	15.24	-70.8	6.7	3.79	7.32		RESUME PURGE →
	1000		8.76	529	15.34	-65.4	7.3	5.15	7.41		LOWER TUBING DEEPER IN WELL →
	1006										STOP PURGE →
4/28/06	0840								5.33	120	Collect Sample

Sample ID: _____

Sample Collection Time: 0840

Receiving Laboratory: Paragon Analytics

Sample Parameters: _____

Sample Collection Personnel: Ken Marion

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