

APPENDIX D

**WATER LEVEL MEASUREMENTS/FIELD LOG BOOK AND PURGE
RECORDS/DAILY QUALITY CONTROL REPORTS**

Signature Page

**January 2009 FWGMP Monitoring Well Event
Field Personnel Abbreviations and Signatures Page**

Field Personnel

Name	Affiliation	Initials
Raelyn Welch	LATA	RW
Robert "Zeke" Secore	LATA	ZS
Aaron Roski	EQM	AR
Angye Dragotta	EQM	AD
Colleen A. Lear	EQM	CAL
Erik Corbin	EQM	EC
John Miller	EQM	JM
Phil Heikkila	EQM	PH
Randal Cook	EQM	RC
Sam Bugg	EQM	SB
Stephen Stuerigon	EQM	SS
Tom Samarco	EQM	TS

Project and Field Leads

Name, Title, Affiliation

John Miller, Project Manager / QC Check, EQM

Signature: _____



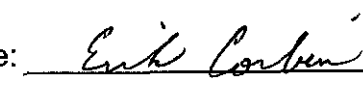
Colleen A. Lear, Field Manager / QC Check, EQM

Signature: _____



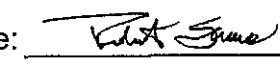
Erik Corbin, Sample Manager, EQM

Signature: _____



Robert "Zeke" Secore, LATA Field Leader, LATA

Signature: _____



Comprehensive Water Level Table

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
ASY MW-001	Atlas Scrap Yard	1/14/2009	12:31	12.65	23.05	medium	5769
ASY MW-002	Atlas Scrap Yard	1/14/2009	12:25	16.36	22.90	medium	5769
ASY MW-003	Atlas Scrap Yard	1/14/2009	12:39	13.60	22.90	medium	5769
ASY MW-004	Atlas Scrap Yard	1/14/2009	12:12	10.02	29.75	hard	5769
ASY MW-005	Atlas Scrap Yard	1/14/2009	12:08	8.28	27.01	medium	5769
ASY MW-006	Atlas Scrap Yard	1/14/2009	12:48	14.76	28.86	hard	5769
ASY MW-007	Atlas Scrap Yard	1/14/2009	13:00	15.87	28.82	hard	5769
ASY MW-008	Atlas Scrap Yard	1/14/2009	13:07	5.11	27.49	medium	5769
ASY MW-009	Atlas Scrap Yard	1/14/2009	12:17	13.51	24.50	hard	5769
ASY MW-010	Atlas Scrap Yard	1/14/2009	12:53	12.97	30.05	medium	5769
BKG MW-004	Background	1/20/2009	11:20	14.31	22.21	hard	5767
BKG MW-005	Background	1/13/2009	15:52	11.22	20.87	hard	5767
BKG MW-006	Background	1/27/2009	13:05	23.01	37.53	soft	5767
BKG MW-008	Background	1/20/2009	11:13	18.81	27.35	hard	5767
BKG MW-010	Background	1/14/2009	11:38	15.42	21.97	hard	5769
BKG MW-012	Background	1/19/2009	13:10	8.50	62.11	soft	5767
BKG MW-013	Background	1/20/2009	10:14	12.46	27.96	hard	5767
BKG MW-015	Background	1/20/2009	11:34	48.90	53.30	hard	5767
BKG MW-016	Background	1/13/2009	15:41	5.72	21.13	hard	5767
BKG MW-017	Background	1/13/2009	16:00	17.52	35.94	medium	5767
BKG MW-018	Background	1/20/2009	12:03	16.24	27.51	hard	5767
BKG MW-019	Background	1/19/2009	15:50	21.22	35.62	medium	5767
BKG MW-020	Background	1/14/2009	14:10	8.60	33.17	hard	5767
BKG MW-021	Background	1/20/2009	11:26	19.20	21.44	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
B12 MW-010	Building 1200	1/14/2009	11:20	19.15	22.82	hard	5769
B12 MW-011	Building 1200	1/14/2009	11:30	23.43	26.70	hard	5769
B12 MW-012	Building 1200	1/14/2009	11:25	24.72	24.80	hard	5769
CBL MW-001	C-Block Quarry	1/19/2009	15:35	44.82	49.70	hard	5767
CBL MW-002	C-Block Quarry	1/19/2009	15:39	39.15	47.32	hard	5767
CBL MW-003	C-Block Quarry	1/19/2009	15:29	37.67	44.71	hard	5767
CBL MW-004	C-Block Quarry	1/19/2009	15:25	37.36	47.01	hard	5767
CBP MW-001	Central Burn Pits	1/19/2009	12:25	13.85	32.68	soft	5767
CBP MW-002	Central Burn Pits	1/19/2009	12:36	10.41	31.94	medium	5767
CBP MW-003	Central Burn Pits	1/19/2009	12:11	12.69	30.19	hard	5767
CBP MW-004	Central Burn Pits	1/19/2009	12:20	10.98	29.68	medium	5767
CBP MW-005	Central Burn Pits	1/19/2009	12:16	12.21	27.40	medium	5767
CBP MW-006	Central Burn Pits	1/19/2009	12:44	8.10	25.20	medium	5767
CBP MW-007	Central Burn Pits	1/19/2009	12:07	16.29	31.74	medium	5767
CBP MW-008	Central Burn Pits	1/19/2009	12:51	16.28	27.90	hard	5767
CP MW-001	Cobbs Pond	1/19/2009	11:33	2.94	14.74	hard	5767
CP MW-002	Cobbs Pond	1/19/2009	11:41	0.10	14.99	hard, under pressure	5767
CP MW-003	Cobbs Pond	1/19/2009	11:20	3.96	17.10	hard	5767
CP MW-004	Cobbs Pond	1/19/2009	11:56	10.54	22.52	hard	5767
CP MW-005	Cobbs Pond	1/19/2009	12:00	11.43	43.16	hard	5767
CP MW-006	Cobbs Pond	1/14/2009	11:50	8.14	20.62	hard	5769
DA2 MW-104	Demo Area 2	1/19/2009	16:03	21.62	29.21	hard	5767
DA2 MW-105	Demo Area 2	1/19/2009	16:27	3.23	16.20	hard	5767
DA2 MW-106	Demo Area 2	1/19/2009	16:31	3.65	16.78	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
DA2 MW-107	Demo Area 2	1/19/2009	16:33	6.88	16.82	hard	5767
DA2 MW-108	Demo Area 2	1/19/2009	16:19	5.79	17.16	hard	5767
DA2 MW-109	Demo Area 2	1/19/2009	16:55	13.84	24.32	medium	5767
DA2 MW-110	Demo Area 2	1/19/2009	16:58	8.15	22.34	hard	5767
DA2 MW-111	Demo Area 2	1/19/2009	16:50	4.50	14.78	hard	5767
DA2 MW-112	Demo Area 2	1/19/2009	16:45	7.28	17.50	hard	5767
DA2 MW-113	Demo Area 2	1/19/2009	16:43	7.85	16.29	hard	5767
DET MW-001	Demo Area 2	1/19/2009	16:07	22.99	38.48	hard	5767
DET MW-002	Demo Area 2	1/19/2009	16:15	32.58	41.94	medium	5767
DET MW-003	Demo Area 2	1/19/2009	16:36	9.50	15.00	hard	5767
DET MW-004	Demo Area 2	1/19/2009	16:38	10.51	13.80	hard	5767
EBG MW-123	Erie Burning Grounds	1/14/2009	9:22	9.32	34.73	medium	5769
EBG MW-124	Erie Burning Grounds	1/14/2009	9:15	2.98	32.71	medium	5769
EBG MW-125	Erie Burning Grounds	1/14/2009	9:06	11.45	27.43	hard	5769
EBG MW-126	Erie Burning Grounds	1/14/2009	8:41	1.99	27.81	medium	5769
EBG MW-127	Erie Burning Grounds	1/14/2009	8:54	4.23	32.84	hard	5769
EBG MW-128	Erie Burning Grounds	1/14/2009	8:48	6.31	28.20	hard	5769
EBG MW-129	Erie Burning Grounds	1/14/2009	8:32	5.34	30.96	medium	5769
EBG MW-130	Erie Burning Grounds	1/14/2009	8:16	6.09	28.37	hard	5769
FBQ MW-166	Fuze and Booster Quarry	1/14/2009	8:52	4.71	19.72	hard	5767
FBQ MW-167	Fuze and Booster Quarry	1/14/2009	8:45	4.49	18.97	hard	5767
FBQ MW-168	Fuze and Booster Quarry	1/14/2009	9:45	12.15	21.21	medium	5767
FBQ MW-169	Fuze and Booster Quarry	1/14/2009	8:40	5.48	18.57	hard	5767
FBQ MW-170	Fuze and Booster Quarry	1/13/2009	16:30	19.95	32.69	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
FBQ MW-171	Fuze and Booster Quarry	1/13/2009	16:25	19.20	31.39	hard	5767
FBQ MW-172	Fuze and Booster Quarry	1/13/2009	16:20	28.82	34.40	hard	5767
FBQ MW-173	Fuze and Booster Quarry	1/14/2009	8:15	45.35	51.75	medium	5767
FBQ MW-174	Fuze and Booster Quarry	1/14/2009	8:25	18.38	22.84	hard	5767
FBQ MW-175	Fuze and Booster Quarry	1/14/2009	8:30	19.73	25.80	hard	5767
FBQ MW-176	Fuze and Booster Quarry	1/13/2009	16:33	9.53	23.87	soft	5767
FBQ MW-177	Fuze and Booster Quarry	1/13/2009	16:36	13.31	24.74	medium	5767
LNW MW-024	Landfill North Winklepeck	1/20/2009	10:43	12.42	22.52	hard	5767
LNW MW-025	Landfill North Winklepeck	1/20/2009	10:40	5.04	20.30	hard	5767
LNW MW-026	Landfill North Winklepeck	1/20/2009	10:35	3.87	25.97	hard	5767
LNW MW-027	Landfill North Winklepeck	1/20/2009	10:30	6.70	26.86	hard	5767
LL1 MW-063	Loadline 1	1/13/2009	12:57	29.89	30.04	hard	5769
LL1 MW-064	Loadline 1	1/13/2009	14:00	2.15	21.05	hard, pushed ice	5769
LL1 MW-065	Loadline 1	1/13/2009	14:15	11.94	23.05	medium	5769
LL1 MW-067	Loadline 1	1/13/2009	13:39	20.94	25.68	hard	5769
LL1 MW-078	Loadline 1	1/13/2009	12:38	33.96	41.06	medium	5769
LL1 MW-079	Loadline 1	1/13/2009	13:24	33.89	41.88	hard	5769
LL1 MW-080	Loadline 1	1/13/2009	12:23	10.62	22.34	hard	5769
LL1 MW-081	Loadline 1	1/13/2009	12:50	31.90	41.91	soft	5769
LL1 MW-082	Loadline 1	1/13/2009	11:55	31.35	41.48	soft	5769
LL1 MW-083	Loadline 1	1/13/2009	13:07	35.00	41.42	medium	5769
LL1 MW-084	Loadline 1	1/13/2009	12:07	29.25	38.85	medium	5769
LL1 MW-085	Loadline 1	1/13/2009	11:42	36.17	45.17	hard	5769
LL10 MW-001	Loadline 10	1/14/2009	12:11	25.10	29.53	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
LL10 MW-002	Loadline 10	1/14/2009	12:02	17.80	29.70	hard	5767
LL10 MW-003	Loadline 10	1/14/2009	12:15	20.95	28.49	hard	5767
LL10 MW-004	Loadline 10	1/14/2009	11:40	13.42	33.49	hard	5767
LL10 MW-005	Loadline 10	1/14/2009	11:50	15.75	29.15	hard	5767
LL10 MW-006	Loadline 10	1/14/2009	11:45	12.19	26.47	hard	5767
LL11 MW-001	Loadline 11	1/19/2009	14:33	8.71	21.45	hard	5767
LL11 MW-002	Loadline 11	1/19/2009	13:49	1.59	16.42	hard	5767
LL11 MW-003	Loadline 11	1/19/2009	13:39	0.70	16.02	hard	5767
LL11 MW-004	Loadline 11	1/19/2009	14:12	0.40	16.14	hard	5767
LL11 MW-005	Loadline 11	1/19/2009	13:55	6.40	16.39	hard	5767
LL11 MW-006	Loadline 11	1/19/2009	14:00	3.49	15.65	hard	5767
LL11 MW-007	Loadline 11	1/19/2009	14:07	13.59	25.27	hard	5767
LL11 MW-008	Loadline 11	1/19/2009	14:27	3.68	15.70	hard	5767
LL11 MW-009	Loadline 11	1/19/2009	13:27	N/A	N/A	frozen solid at 2'	5767
LL11 MW-010	Loadline 11	1/19/2009	14:24	3.73	23.39	hard	5767
LL12 MW-088	Loadline 12	1/13/2009	17:10	7.44	27.34	hard	5769
LL12 MW-107	Loadline 12	1/13/2009	17:05	9.85	33.64	hard	5769
LL12 MW-113	Loadline 12	1/13/2009	16:27	5.14	19.62	soft	5769
LL12 MW-128	Loadline 12	1/13/2009	16:51	10.12	34.05	hard	5769
LL12 MW-153	Loadline 12	1/13/2009	16:34	6.23	25.05	hard	5769
LL12 MW-154	Loadline 12	1/13/2009	16:36	8.94	28.73	hard	5769
LL12 MW-182	Loadline 12	1/13/2009	15:52	10.24	38.06	hard	5769
LL12 MW-183	Loadline 12	1/13/2009	15:58	12.63	36.25	hard	5769
LL12 MW-184	Loadline 12	1/13/2009	17:16	12.71	31.33	hard	5769

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
LL12 MW-185	Loadline 12	1/13/2009	16:14	8.24	23.22	hard	5769
LL12 MW-186	Loadline 12	1/14/2009	16:22	5.34	20.99	hard	5769
LL12 MW-187	Loadline 12	1/13/2009	16:41	9.52	29.90	hard	5769
LL12 MW-188	Loadline 12	1/13/2009	16:22	4.18	22.03	medium	5769
LL12 MW-189	Loadline 12	1/14/2009	13:16	3.42	19.97	hard	5769
LL12 MW-242	Loadline 12	1/20/2009	10:00	8.52	28.92	soft	5767
LL12 MW-243	Loadline 12	1/13/2009	16:47	9.63	24.65	medium	5769
LL12 MW-244	Loadline 12	1/13/2009	16:08	10.11	29.34	soft	5769
LL12 MW-245	Loadline 12	1/13/2009	16:58	8.93	29.98	medium	5769
LL12 MW-246	Loadline 12	1/13/2009	16:02	16.96	35.00	hard	5769
LL2 MW-059	Loadline 2	1/13/2009	13:16	14.58	21.86	hard	5769
LL2 MW-060	Loadline 2	1/13/2009	13:10	9.96	20.78	hard	5767
LL2 MW-261	Loadline 2	1/13/2009	12:10	6.92	22.43	hard	5767
LL2 MW-262	Loadline 2	1/13/2009	12:35	8.81	22.61	hard	5767
LL2 MW-263	Loadline 2	1/13/2009	12:55	8.15	22.53	hard	5767
LL2 MW-264	Loadline 2	1/13/2009	12:46	6.21	22.34	hard	5767
LL2 MW-265	Loadline 2	1/13/2009	13:13	9.82	24.39	hard	5767
LL2 MW-266	Loadline 2	1/13/2009	12:20	11.90	22.65	hard	5767
LL2 MW-267	Loadline 2	1/13/2009	12:15	9.00	22.67	hard	5767
LL2 MW-268	Loadline 2	1/13/2009	12:42	14.28	29.85	hard	5767
LL2 MW-269	Loadline 2	1/13/2009	12:00	16.67	30.23	hard	5767
LL2 MW-270	Loadline 2	1/13/2009	12:27	7.62	22.38	hard	5767
LL3 MW-232	Loadline 3	1/13/2009	14:55	22.13	39.77	hard	5767
LL3 MW-233	Loadline 3	1/13/2009	14:49	26.99	32.73	medium	5769

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

JANUARY 2009

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
LL3 MW-234	Loadline 3	1/13/2009	15:41	10.11	22.60	medium	5769
LL3 MW-235	Loadline 3	1/13/2009	15:01	19.22	22.93	hard	5769
LL3 MW-236	Loadline 3	1/13/2009	15:14	17.29	26.55	hard	5769
LL3 MW-237	Loadline 3	1/13/2009	15:07	15.38	25.50	hard	5769
LL3 MW-238	Loadline 3	1/13/2009	15:37	15.52	23.32	hard	5769
LL3 MW-239	Loadline 3	1/13/2009	15:31	24.95	36.97	soft	5769
LL3 MW-240	Loadline 3	1/13/2009	15:25	28.71	36.65	medium	5769
LL3 MW-241	Loadline 3	1/13/2009	14:45	9.65	25.54	hard	5769
LL3 MW-242	Loadline 3	1/13/2009	14:35	15.42	22.49	hard	5769
LL3 MW-243	Loadline 3	1/13/2009	14:29	12.98	26.32	hard	5769
LL4 MW-193	Loadline 4	1/20/2009	8:41	6.72	24.25	hard	5767
LL4 MW-194	Loadline 4	1/20/2009	8:48	8.09	23.25	soft	5767
LL4 MW-195	Loadline 4	1/20/2009	8:30	10.36	22.87	hard	5767
LL4 MW-196	Loadline 4	1/20/2009	8:25	12.72	21.75	hard	5767
LL4 MW-197	Loadline 4	1/20/2009	9:00	14.16	23.55	medium	5767
LL4 MW-198	Loadline 4	1/20/2009	9:47	8.25	20.72	medium	5767
LL4 MW-199	Loadline 4	1/20/2009	8:35	7.49	23.16	hard	5767
LL4 MW-200	Loadline 4	1/20/2009	9:50	18.10	25.15	hard	5767
LL5 MW-001	Loadline 5	1/14/2009	11:18	20.03	26.97	hard	5767
LL5 MW-002	Loadline 5	1/14/2009	11:25	20.85	27.42	medium	5767
LL5 MW-003	Loadline 5	1/14/2009	11:22	19.65	23.92	hard	5767
LL5 MW-004	Loadline 5	1/14/2009	11:12	17.90	25.34	hard	5767
LL5 MW-005	Loadline 5	1/14/2009	11:02	21.55	29.64	hard	5767
LL5 MW-006	Loadline 5	1/14/2009	11:06	20.42	27.03	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
LL6 MW-001	Loadline 6	1/14/2009	10:50	13.51	17.55	hard	5767
LL6 MW-002	Loadline 6	1/14/2009	10:47	11.71	24.44	hard	5767
LL6 MW-003	Loadline 6	1/14/2009	9:54	12.15	25.69	hard	5767
LL6 MW-004	Loadline 6	1/14/2009	10:42	17.00	24.50	hard	5767
LL6 MW-005	Loadline 6	1/14/2009	10:10	11.86	22.20	hard	5767
LL6 MW-006	Loadline 6	1/14/2009	10:05	15.22	17.75	hard	5767
LL6 MW-007	Loadline 6	1/14/2009	10:27	5.50	19.37	hard	5767
LL7 MW-001	Loadline 7	1/19/2009	14:40	20.35	33.00	hard	5767
LL7 MW-002	Loadline 7	1/19/2009	15:06	15.62	27.14	hard	5767
LL7 MW-003	Loadline 7	1/19/2009	14:43	11.23	33.32	hard	5767
LL7 MW-004	Loadline 7	1/19/2009	15:00	14.75	32.17	hard	5767
LL7 MW-005	Loadline 7	1/19/2009	14:55	21.64	30.31	hard	5767
LL7 MW-006	Loadline 7	1/19/2009	14:47	10.38	30.25	hard	5767
LL8 MW-001	Loadline 8	1/14/2009	9:05	11.45	27.50	soft	5767
LL8 MW-002	Loadline 8	1/14/2009	9:15	18.27	32.53	hard	5767
LL8 MW-003	Loadline 8	1/14/2009	9:10	12.69	22.95	hard	5767
LL8 MW-004	Loadline 8	1/14/2009	9:22	10.87	22.60	medium	5767
LL8 MW-005	Loadline 8	1/14/2009	9:35	13.78	27.12	medium	5767
LL8 MW-006	Loadline 8	1/14/2009	9:25	19.70	27.01	hard	5767
LL9 MW-001	Loadline 9	1/14/2009	13:00	15.01	23.45	hard	5767
LL9 MW-002	Loadline 9	1/14/2009	12:47	10.69	22.70	hard	5767
LL9 MW-003	Loadline 9	1/14/2009	12:54	11.43	24.17	hard	5767
LL9 MW-004	Loadline 9	1/14/2009	12:25	21.21	34.62	hard	5767
LL9 MW-005	Loadline 9	1/14/2009	12:42	16.10	23.45	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
LL9 MW-006	Loadline 9	1/14/2009	12:30	18.92	28.80	hard	5767
LL9 MW-007	Loadline 9	1/14/2009	12:34	9.30	18.06	hard	5767
NTA MW-107	NACA Test Area	1/13/2009	14:04	12.35	24.25	medium	5767
NTA MW-108	NACA Test Area	1/13/2009	14:07	17.46	24.48	soft	5767
NTA MW-109	NACA Test Area	1/13/2009	14:44	7.65	20.89	soft	5767
NTA MW-110	NACA Test Area	1/13/2009	14:48	13.98	29.74	medium	5767
NTA MW-111	NACA Test Area	1/13/2009	14:53	3.27	23.06	hard	5767
NTA MW-112	NACA Test Area	1/13/2009	15:30	8.70	26.60	medium	5767
NTA MW-113	NACA Test Area	1/13/2009	15:26	6.69	29.30	soft	5767
NTA MW-114	NACA Test Area	1/13/2009	15:23	5.92	21.74	hard	5767
NTA MW-115	NACA Test Area	1/13/2009	15:09	13.79	25.27	hard	5767
NTA MW-116	NACA Test Area	1/13/2009	15:00	4.79	21.53	hard	5767
NTA MW-117	NACA Test Area	1/13/2009	15:05	12.97	27.50	hard	5767
NTA MW-118	NACA Test Area	1/13/2009	15:17	8.55	24.09	hard	5767
RQL MW-006	Ramsdell Quarry	1/14/2009	10:31	36.84	41.97	hard	5769
RQL MW-007	Ramsdell Quarry	1/14/2009	10:04	8.25	18.56	hard	5769
RQL MW-008	Ramsdell Quarry	1/14/2009	10:10	7.74	18.60	hard	5769
RQL MW-009	Ramsdell Quarry	1/14/2009	10:16	6.09	18.78	hard	5769
RQL MW-010	Ramsdell Quarry	1/14/2009	11:04	27.48	35.25	hard	5769
RQL MW-011	Ramsdell Quarry	1/14/2009	10:46	23.76	35.30	hard	5769
RQL MW-012	Ramsdell Quarry	1/14/2009	10:42	23.94	32.61	hard	5769
RQL MW-013	Ramsdell Quarry	1/14/2009	10:58	27.32	36.42	medium	5769
RQL MW-014	Ramsdell Quarry	1/14/2009	10:49	21.69	31.15	soft	5769
RQL MW-015	Ramsdell Quarry	1/14/2009	9:51	33.83	41.86	hard	5769

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

JANUARY 2009

Well Number	Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
RQL MW-016	Ramsdell Quarry	1/14/2009	9:55	37.48	41.59	medium	5769
RQL MW-017	Ramsdell Quarry	1/13/2009	13:47	31.58	32.71	hard	5769
MBS MW-001	Suspect Mustard Area	1/27/2009	15:35	17.49	30.92	soft	5767
MBS MW-002	Suspect Mustard Area	1/27/2009	15:20	18.01	30.33	medium	5767
MBS MW-003	Suspect Mustard Area	1/27/2009	15:15	18.85	30.68	hard	5767
MBS MW-004	Suspect Mustard Area	1/27/2009	15:15	16.85	26.52	soft	5767
MBS MW-005	Suspect Mustard Area	1/27/2009	15:15	17.75	29.99	soft	5767
MBS MW-006	Suspect Mustard Area	1/27/2009	15:15	17.20	28.13	medium	5767
WBG MW-005	Winklepeck Burning	1/14/2009	13:47	5.59	21.10	hard	5767
WBG MW-006	Winklepeck Burning	1/14/2009	13:40	6.87	20.14	hard	5767
WBG MW-007	Winklepeck Burning	1/14/2009	13:25	14.45	26.38	hard	5767
WBG MW-008	Winklepeck Burning	1/14/2009	13:12	14.49	20.80	hard	5767
WBG MW-009	Winklepeck Burning	1/14/2009	14:05	13.80	24.28	hard	5767
WBG MW-010	Winklepeck Burning	1/14/2009	13:53	8.01	23.30	medium	5767
WBG MW-011	Winklepeck Burning	1/14/2009	14:05	10.70	23.85	medium	5769
WBG MW-012	Winklepeck Burning	1/14/2009	14:15	24.91	31.55	medium	5769
WBG MW-013	Winklepeck Burning	1/14/2009	14:35	12.11	24.09	medium	5769
WBG MW-014	Winklepeck Burning	1/14/2009	13:15	16.02	24.97	hard	5767
WBG MW-015	Winklepeck Burning	1/14/2009	13:20	11.40	23.51	hard	5767
WBG MW-016	Winklepeck Burning	1/14/2009	13:30	17.29	25.20	medium	5767
WBG MW-017	Winklepeck Burning	1/14/2009	13:35	8.39	23.72	hard	5767

*All measurements from top of casing

Logbook

RVAAP Book #1

"Rite in the Rain"
ALL-WEATHER WRITING PAPER



ALL-WEATHER
ENVIRONMENTAL FIELD BOOK

Name Environmental Quality Mgt. Inc

Address 1800 Carillon Blvd.

Cincinnati OH 45240

Phone 513 825 7500

Project RVAAP: USACE Groundwater

This book is printed on "Rite in the Rain" All-Weather Writing Paper - A unique paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather. For best results, use a pencil or an all-weather pen.

Specifications for this book:

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Location RVAAP USACE

Date 1-13, 14/2009

Project / Client

Waterlevel event Jan 2009

1100^{1/8}

JM, EG, PH, SS begin water level event. Start LL1, LL2, ROL, NTA

U3, BK6, FBQ, W12

1730^{1/8}

suspend measurements for the next day continue to do

0800^{1/4}

JM, EG, PH, SS continue water level event.

FBQ, EB6, W8, ROL, W6, W5, B12

BK6, W10, CP, ASY, W9, W86, W12

1030^{1/4}

suspend measurements for next time (1/14 return)

Location RVAAP

Project / Client USACE

Date 1/19/09

Draw logs January 2009 Event

Drum ID

Area

EQM 2009-1

Decon Wake

EQM 2009-2

Purge Wake *

EQM 2009-3

Purge Wake *

EQM 2009-4

Purge Wake *

EQM 2009-5

Purge Wake *

EQM 2009-6

Purge Wake *

EQM 2009-7

Purge Wake *

* LL1, LL's 5-11, R1d, 1200

C. Block CP CBP Demo 2

EB6, FBQ LFWD WACA

W86, ROL, W86, WBS

Location

RVAAP

Date

1/19/09

Project / Client USACE

305

EDM: JM TS, CA, SS, EC, PH, AR, ASD, SB, RC
ATA: ZS, PW, RW

0930 January quarterly contract

organizing for WL and sampling

1045 Calibration + H.S. briefing

1100 Begin event sampling +

continue with level measurement

WL @ CP, CBP, BK6, U11, U17, CBL, DAZ

Purge sample @ ROL, B12

1000 purchase crews to bldg

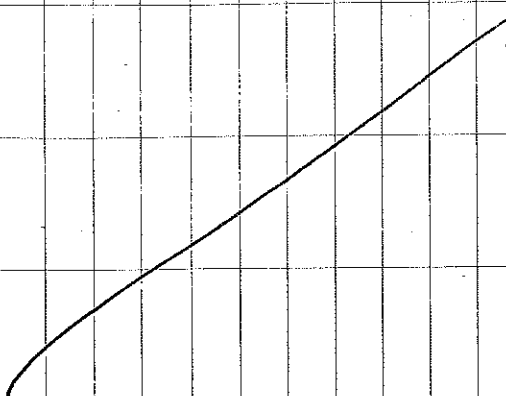
pack coolers for feed exp

preparation for next day

1730 ship feed exp

1800 load lab

1830 offsite



RVAAP

Date

1/20/09

Project / Client USACE

EDM: JM TS, CA, SS, EC, PH, AR, ASD, SB, RC
ATA: ZS, RW

0730 Set up for the day

0750 Calibrations

0800 H.S. briefing

Continue WL @ U4, BK6, U12

U11, 1

Continue sample/purge @

EB6, B12, CP, CBL, Gunner ROL

1700 purchase crews to bldg

pack coolers for feed exp

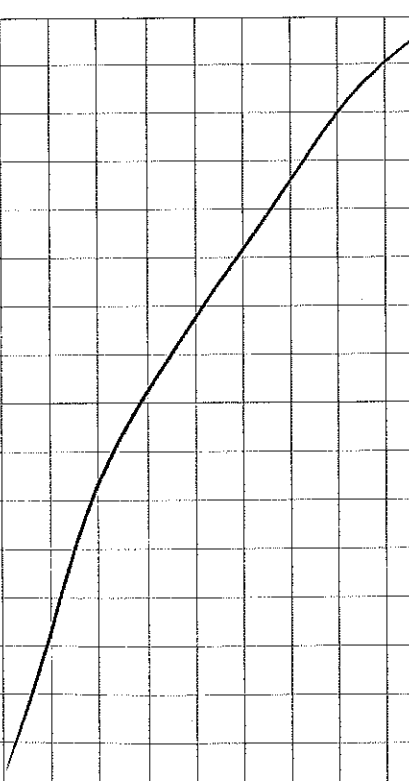
prep sample for lab

1745 ship to feed exp

1800 load for lab + prep for

next day

1840 offsite



Location RVMP
 Project / Client USACE
 EQM/LATA
 Date 1/22/09 73

0730 prep for the day
 0740 calculations
 0800 H+S briefing
 Continue the purge / sample
 @ EB4, US ^{EQM} finish ROU, LL6
 CBL, CBR, some frog news must
 potential crew back to bldg
 for sample packaging
 samples to Fed Exp
 Lab Arrival
 1730 Lab Arrival
 samples to Fed Exp
 1800 Lab Arrival + prep for next day
 load for lab
 1900 off-site

Location RVMP
 Project / Client USACE
 EQM/LATA
 Date 1/21/09

0730 Prep for the day
 0745 calculations
 0810 H+S briefing
 Continue the purge / sample
 @ EB4, US ^{EQM} finish ROU, LL6
 CBL, CBR, some frog news must
 potential crew back to bldg
 for sample packaging
 samples to Fed Exp
 Lab Arrival
 1730 Lab Arrival
 samples to Fed Exp
 1800 Lab Arrival + prep for next day
 load for lab
 1900 off-site

Location RVAAPDate 1/23/09Project / Client USACEEDM/LATA

0730 prep for the day
 0745 Calibrations
 0800 H+S briefings
 Continue sample / purge
 @ LL7 W9 DA2 U11
 Will mw9 still frozen
 1330 partial crews to bldg
 prep samples
 1430 ship to feed exp
 prep for next week
 1500 load lab
 clean facilities.
 1530 offsite

Location RVAAPDate 1/26/09Project / Client USACEEDM/LATA

0930 prep for the day
 activities
 1000 Calibrations
 1030 H+S briefings
 Continue purge + sample
 for DA2, WBG
 1700 partial return to bldg
 prep samples
 prepare for next days
 activities
 1730 Fed exp shipment
 1800 Lab onsite
 prepare coolers for
 next day
 1930 off site

Location RVAAPDate 1/27/09Project / Client USACEEDM/LATA105

0730 Onsite prepare for the
 days activities
 0800 Calibration + H+S briefing
 0815 Continue with the
 survey + sample event @
 FBQ, NTA, LNW
 1045 Partial crews to bldg
 (Jim finalizing MBS site w/ WLS.)
~~1730~~ Fed exp shipment
 1750 Lab arrival - unload
 prep for next day activities
 load samples to the lab.
 1800 Offsite

Location RVAAPDate 1/28/09

Project / Client

EDM/LATA heavy snow 205

0730 Onsite prep for activities
 0745 Calibration
 0800 H+S briefing
 0900 transport to wells
 continue to finish NTA
 start + finish MBS well.
 1300 partial crews to bldg
 prep samples for overnight
 hold - lab delayed due
 to heavy snowfall/snow
 emergency
 1500 finalized coopers including
 the disposal samples.
 clean facilities
 — one vehicle stuck off path
 await Frank for next day
 recovery
 1600 offsite

Location RVAAP Date 1/29/09

Project / Client USACE
EDM / LATA

0815 Onsite for lab pickup.
 Clean facilities
 Assist Frank to recover
 vehicle @ S Penmeter.

0915 Lab arrival - load
 0930 Clean facilities
 1000 Partial crews leave.
 1030 SS stay to mop + v out-facilities
 all else onsite

Location _____ Date _____
Project / Client _____

intentionally
 left
 blank

Static Water Level Measurements

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/19/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
B12mw-012	Building 120		1266	EC	14:45	24.6		0
Cmt:Good, < 3" OF WATER;WELL PURGED DRY; TOOK 1 FIELD PARAMETER READING & SAMPLED								
B12mw-010	Building 120		1266	EC	15:10	18.88		0
Cmt:Good,								
RQLmw-016	Ramsdell Qu		1266	EC	12:03	36.57		0
Cmt:Good, compressor problems								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/19/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
RQLmw-013	Ramsdell Qu		05769	ASD	14:00	27		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/19/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
B12mw-011	Building 120		GEO4382	AR	15:10	23		0
Cmt:Good,								
RQLmw-015	Ramsdell Qu		GEO4382	AR	13:00	33.3		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/19/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
RQLmw-017	Ramsdell Qu		2911	CAL	12:07	31.52		0
Cmt: Good, water at pump top use bailer, bailed dry								
RQLmw-014	Ramsdell Qu		2911	CAL	13:02	21.42		0
Cmt: Good, pump frozen try another								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/19/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
RQLmw-012	Ramsdell Qu	32.61	PROBE35648	RW	12:15	23.68		0
Cmt: Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/20/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
EBGmw-123	Erie Burning		1256	EC	9:31	9.4		0
Cmt:Good,								
EBGmw-124	Erie Burning		1266	EC	11:30	3.14		0
Cmt:Good,								
EBGmw-125	Erie Burning		1266	EC	13:05	11.64		0
Cmt:Good,								
EBGmw-129	Erie Burning		1266	EC	14:55	5.47		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/20/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
EBGmw-127	Erie Burning	32.7	PROBE35648	ZS	9:35	4.35		0
Cmt:Good,								
EBGmw-128	Erie Burning	28.05	PROBE35648	ZS	12:53	6.47		0
Cmt:Good,								
LL6mw-001	Loadline 6	17.43	PROBE35648	ZS	17:17	13.36		0
Cmt:Good, Slow well, little recharge								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/20/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
CBLmw-002	C-Block Qua		2911	CAL	15:15	39.19		0
Cmt:Good,								
CPmw-006	Cobbs Pond		2911	CAL	9:35	8.31		0
Cmt:Good, very turbid								
CPmw-002	Cobbs Pond		2911	CAL	13:30	0.11		0
Cmt:Good, time is 1300s								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/20/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
CBLmw-001	C-Block Qua		05769	ASD	14:00	44.85		0
Cmt:Good,								
CPmw-004	Cobbs Pond		05769	ASD	9:10	11.87		0
Cmt:Good,								
CPmw-005	Cobbs Pond		05769	ASD	12:00	11.18		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/20/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
CBLmw-003	C-Block Qua		GEO4382	AR	14:30	37.9		0
Cmt:Good,								
CPmw-003	Cobbs Pond		GEO4382	AR	9:10	2.31		0
Cmt:Good,								
CPmw-001	Cobbs Pond		GEO4382	AR	10:40	2.71		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/21/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
EBGmw-130	Erie Burning		1266	EC	11:00	6.28		0
	Cmt:Good,							
LL5mw-006	Loadline 5		1266	EC	14:40	20.45		0
	Cmt:Good,							
LL5mw-002	Loadline 5		1266	EC	16:50	20.9		0
	Cmt:Good,							

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/21/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
LL5mw-001	Loadline 5		2911	CAL	15:37	20.18		0
Cmt:Good, turbid								
LL6mw-006	Loadline 6		2911	CAL	9:15	14.3		0
Cmt:Good, slow								
LL6mw-007	Loadline 6		2911	CAL	11:00	5.45		0
Cmt:Good, check levels, TINTED GRAY, TURBIDITY DECREASING								
LL6mw-005	Loadline 6		2911	CAL	13:00	11.99		0
Cmt:Good, turbid, tagged bottom								
LL6mw-003	Loadline 6		2911	CAL	14:25	16.35		0
Cmt:Good, turbid								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/21/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
CBLmw-004	C-Block Qua		05769	ASD	14:00	37.4		0
Cmt:Good,								
LL5mw-004	Loadline 5		05769	ASD	16:05	18.1		0
Cmt:Good,								
LL6mw-002	Loadline 6		05769	ASD	10:00	20.95		0
Cmt:Good, went dry during purge								
LL6mw-004	Loadline 6		05769	ASD	11:00	17		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/21/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
CBPmw-002	Central Burn		GEO4382	AR	10:20	9.78		0
Cmt:Good,								
CBPmw-003	Central Burn		GEO4382	AR	13:00	12.97		0
Cmt:Good,								
CBPmw-008	Central Burn		GEO4382	AR	15:10	15.78		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/21/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
CBPmw-001	Central Burn	32.45	PROBE35648	ZS	8:55	14.06		0
Cmt:Good,								
CBPmw-004	Central Burn	29.5	PROBE35648	ZS	11:31	11.07		0
Cmt:Good, H2Oquality meter not working - 3 degrees outside Purge additional 10 minutes								
LL5mw-003	Loadline 5	23.78	PROBE35648	ZS	15:01	19.64		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/22/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
EBGmw-126	Erie Burning		1266	EC	16:35	2.15		0
Cmt:Good,								
LL1mw-064	Loadline 1		1266	EC	15:20	2.25		0
Cmt:Good,								
LL10mw-004	Loadline 10		1266	EC	9:03	13.45		0
Cmt:Good,								
LL10mw-001	Loadline 10		1266	EC	11:35	24.96		0
Cmt:Good,								
LL9mw-003	Loadline 9		1266	EC	13:35	11.51		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/22/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
LL7mw-001	Loadline 7	33.05	PROBE35648	ZS	15:55	20.73		0
Cmt:Good,								
LL8mw-001	Loadline 8	27.49	PROBE35648	ZS	9:39	11.34		0
Cmt:Good,								
LL8mw-002	Loadline 8	32.53	PROBE35648	ZS	11:16	17.94		0
Cmt:Good,								
LL8mw-004	Loadline 8	22.65	PROBE35648	ZS	12:47	1.57		0
Cmt:Good,								
LL9mw-001	Loadline 9	23.28	PROBE35648	ZS	14:07	15.28		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/22/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LL8mw-006	Loadline 8		2911	CAL	9:00	19.59		0
Cmt:Good,								
LL8mw-005	Loadline 8		2911	CAL	10:28	12.79		0
Cmt:Good,								
LL8mw-003	Loadline 8		2911	CAL	11:53	12.49		0
Cmt:Good,								
LL9mw-005	Loadline 9		2911	CAL	13:52	16.32		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/22/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
LL10mw-006	Loadline 10		GEO4382	AR	8:50	12.49		0
	Cmt:Good,							
LL10mw-005	Loadline 10		GEO4283	AR	11:10	15.85		0
	Cmt:Good,							
LL10mw-003	Loadline 10		GEO4283	AR	12:25	21.25		0
	Cmt:Good,							
LL9mw-004	Loadline 9		GEO4283	AR	14:10	21.22		0
	Cmt:Good,							
LL9mw-006	Loadline 9		GEO4283	AR	15:25	18.75		0
	Cmt:Good,							

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/22/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LL10mw-002	Loadline 10		05769	ASD	11:20	17.89		0
Cmt:Good,								
LL5mw-005	Loadline 5		05769	ASD	8:45	21.6		0
Cmt:Good,								
LL7mw-006	Loadline 7		05769	ASD	15:50	10.69		0
Cmt:Good,								
LL9mw-007	Loadline 9		05769	ASD	13:00	8.5		0
Cmt:Good, no well cap on at start								
LL9mw-002	Loadline 9		05769	ASD	14:15	10.85		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/23/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LL11mw-006	Loadline 11	15.65	PROBE35648	ZS	8:58	3.64		0
Cmt: Good, replaced plug and lock								
LL11mw-004	Loadline 11	16.13	PROBE35648	ZS	10:31	0.41		0
Cmt: Good, replaced plug								
LL11mw-001	Loadline 11	21.45	PROBE35648	ZS	12:04	8.85		0
Cmt: Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/23/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
LL7mw-002	Loadline 7		1266	EC	8:45	14.97		0
Cmt:Good,								
LL7mw-003	Loadline 7		1266	EC	10:30	11.5		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/23/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
DA2mw-109	Demo.Area		2911	CAL	11:56	14.15		0
	Cmt:Good,							
LL7mw-004	Loadline 7		2911	CAL	8:45	15.03		0
	Cmt:Good,							
LL7mw-005	Loadline 7		2911	CAL	10:15	22.06		0
	Cmt:Good,							

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/23/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
DA2mw-104	Demo.Area		05769	ASD	12:50	21.65		0
Cmt:Good,								
LL11mw-003	Loadline 11		05769	ASD	9:00	0.82		0
Cmt:Good,								
LL11mw-005	Loadline 11		05769	ASD	11:00	6.76		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/23/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LL11mw-010	Loadline 11		GEO4382	AR	8:45	2.95		0
Cmt:Good,								
LL11mw-008	Loadline 11		GEO4382	AR	11:10	1.44		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/26/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
DA2mw-105	Demo.Area		1266	EC	11:20	3.16		0
Cmt:Good,								
WBGmw-011	Winklepeck		1266	EC	13:00	10.97		0
Cmt:Good,								
WBGmw-012	Winklepeck		1266	EC	14:05	24.34		0
Cmt:Good,								
WBGmw-005	Winklepeck		1266	EC	15:30	5.72		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/26/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
DA2mw-106	Demo.Area		2911	CAL	11:30	4		0
Cmt:Good,								
WBGmw-016	Winklepeck		2911	CAL	15:10	17.33		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/26/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
DA2mw-110	Demo.Area		GEO4382	AR	11:00	8.61		0
Cmt:Good,								
WBGmw-015	Winklepeck		GEO4382	AR	14:10	11.51		0
Cmt:Good,								
WBGmw-017	Winklepeck		GEO4382	AR	15:15	8.56		0
Cmt:Good,								
WBGmw-010	Winklepeck		GEO4382	AR	16:30	8.12		
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/26/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
DA2mw-112	Demo.Area		05769	ASD	11:15	6.73		0
Cmt:Good,								
DA2mw-113	Demo.Area		05769	ASD	12:30	7.85		0
Cmt:Good,								
WBGmw-008	Winklepeck		05769	ASD	13:55	14.63		0
Cmt:Good,								
WBGmw-014	Winklepeck		05769	ASD	15:20	16.2		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: **RVAAP**

PROJECT NUMBER: **030240.0006**

FIELD BOOK#: 1

DATE: 1/26/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
DA2mw-108	Demo.Area	17.13	PROBE35648	ZS	11:30	5.91		0
Cmt:Good, STRONG SULFUR SMELL								
DA2mw-111	Demo.Area	14.76	PROBE35648	ZS	12:55	4.46		0
Cmt:Good,								
WBGmw-013	Winklepeck	24.08	PROBE35648	ZS	15:38	12.12		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/27/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LNWmw-025	Landfill North		2911	CAL	8:47	5.16		0
	Cmt:Good,							
LNWmw-024	Landfill North		2911	CAL	11:32	12.7		0
	Cmt:Good,							
NTAmw-118	NACA Test		2911	CAL	13:36	8.88		0
	Cmt:Good,							
NTAmw-117	NACA Test		2911	CAL	14:52	13.21		0
	Cmt:Good,							

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/27/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
LNWmw-027	Landfill North		05769	ASD	8:30	7.3		0
Cmt:Good,								
LNWmw-026	Landfill North		05769	ASD	11:00	4.33		0
Cmt:Good,								
NTAmw-115	NACA Test		05769	ASD	13:10	13.65		0
Cmt:Good,								
NTAmw-116	NACA Test		05769	ASD	14:20	5.03		0
Cmt:Good,								
NTAmw-107	NACA Test		05769	ASD	15:30	12.7		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/27/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
FBQmw-169	Fuze and Bo		1266	EC	8:20	5.68		0
Cmt:Good,								
FBQmw-167	Fuze and Bo		1266	EC	9:35	4.79		0
Cmt:Good,								
FBQmw-166	Fuze and Bo		1266	EC	10:45	4.9		0
Cmt:Good,								
FBQmw-172	Fuze and Bo		1266	EC	12:20	29.09		0
Cmt:Good,								
FBQmw-173	Fuze and Bo		1266	EC	13:35	45.34		0
Cmt:Good,								
NTAmw-109	NACA Test		1266	EC	15:10	11.97		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/27/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
FBQmw-170	Fuze and Bo		GEO4382	AR	8:30	20.19		0
Cmt:Good,								
FBQmw-175	Fuze and Bo		GEO4382	AR	10:55	19.73		0
Cmt:Good,								
FBQmw-174	Fuze and Bo		GEO4382	AR	12:05	18.78		0
Cmt:Good,								
FBQmw-171	Fuze and Bo		GEO4382	AR	13:15	20.45		0
Cmt:Good,								
NTAmw-108	NACA Test		GEO4382	AR	15:15	17.8		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/27/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
FBQmw-176	Fuze and Bo	23.92	PROBE35648	ZS	8:45	9.76		0
Cmt:Good,								
FBQmw-177	Fuze and Bo	24.79	PROBE35648	ZS	11:04	13.56		0
Cmt:Good,								
FBQmw-168	Fuze and Bo	21.19	PROBE35648	ZS	12:19	12.47		
Cmt:Good,								
NTAmw-114	NACA Test	22.77	PROBE35648	ZS	13:44	6.19		0
Cmt:Good,								
NTAmw-113	NACA Test	29.8	PROBE35648	ZS	14:54	6.92		0
Cmt:Good,								
NTAmw-112	NACA Test	26.6	PROBE35648	ZS	16:13	8.98		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/28/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
MBS-001	Suspected M		3646	ASD	9:30	17.03		0
Cmt:Good,								
MBS-006	Suspected M		3646	ASD	11:10	16.83		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/28/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
MBS-002	Suspected M		GEO4382	AR	9:15	17.95		0
Cmt:Good,								
MBS-003	Suspected M		GEO4382	AR	11:30	18.45		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/28/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
MBS-005	Suspected M		1266	EC	10:15	17.42		0
Cmt:Good,								
MBS-004	Suspected M		1266	EC	11:35	16.41		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/28/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
NTAmw-110	NACA Test		2911	CAL	9:25	14.1		0
Cmt: Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 1/28/2009

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
NTAmw-111	NACA Test	22.06	PROBE35648	ZS	9:46	3.37		0
Cmt: Good,								

Purge/Sample Records

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 1 DATE: 1/22/2009 START TIME: 15:20

WELL ID: LL1mw-064

WELL DEPTH: _____ INITIAL WATER LEVEL: 2.25

WELL DIAMETER _____ SCREEN INTERVAL: 8 - 18

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.0

PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5

COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:23	2.34	0.2	0.5	6.75	0.395	0.7	7.02	269
15:26	2.34	0.2	0.6	7.3	0.396	0.03	7.22	649
15:29	2.34	0.2	0.6	7.76	0.398	0	7.34	686
15:32	2.34	0.2	0.6	8.16	0.398	0	7.42	446
15:35	2.34	0.2	0.6	8.49	0.401	0	7.44	411

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 1 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL1mw-064 SampleID: FWGLL1mw-064C-1128-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 15:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>355</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>

pH: 7.47 Temperature (°C): 8.86 DO (mg/L): 0 Specific Conductivity (mS/cm): 0.402

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 34
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 5 DATE: 1/21/2009 START TIME: 15:37
 WELL ID: LL5mw-001
 WELL DEPTH: _____ INITIAL WATER LEVEL: 20.18
 WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS turbid GRAY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:50	20.28	0.2	0.2	8.37	0.716	9.3	8.52	900
15:53	20.32	0.2	0.6	8.75	0.729	7.96	8.4	847
15:56	20.30	0.2	0.6	9.02	0.739	7.48	8.43	723
15:59	20.30	0.2	0.6	8.98	0.741	7.24	8.44	698

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 5 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL5mw-001 SampleID: FWGLL5mw-001C-1129-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 16:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>599</u>	Color: <u>GRAY</u>
		Odor: <u>None</u>

pH: 8.45 Temperature (°C): 9.01 DO (mg/L): 7.01 Specific Conductivity (mS/cm): 0.738

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: TURBIDITY DECREASING

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 5 DATE: 1/21/2009 START TIME: 16:50
WELL ID: LL5mw-002
WELL DEPTH: _____ INITIAL WATER LEVEL: 20.9
WELL DIAMETER _____ SCREEN INTERVAL: 15 - 25
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.0
PUMP READINGS: Throttle: 45 Recharge: 10 Discharge: 5
COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
16:53	20.90	0.2	1	9.26	0.476	1.35	7.36	585
16:56	20.98	0.2	0.6	9.43	0.485	0.8	7.44	524
16:59	20.99	0.2	0.6	9.48	0.497	0.29	7.41	343

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 5 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL5mw-002 SampleID: FWGLL5mw-002C-1130-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 17:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>234</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>

pH: 7.37 Temperature (°C): 9.67 DO (mg/L): 0.11 Specific Conductivity (mS/cm): 0.501

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 18
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 5 DATE: 1/21/2009 START TIME: 15:01

WELL ID: LL5mw-003

WELL DEPTH: 23.78 INITIAL WATER LEVEL: 19.64

WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0

PUMP READINGS: Throttle: 40 Recharge: 12 Discharge: 3

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:03	19.96	0.16	0.2	7.78	0.575	8.14	7.22	1236
15:06	19.93	0.16	0.48	6.38	0.572	7.95	7.21	1391
15:09	19.93	0.16	0.48	6.1	0.572	7.64	7.21	1071
15:11	19.94	0.16	0.32	6.17	0.572	7.58	7.17	1066

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 5 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL5mw-003 SampleID: FWGLL5mw-003C-1131-GW/GF DupIID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse3-1290-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 15:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>967</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>7.16</u>	Temperature (°C): <u>6.08</u>	DO (mg/L): <u>7.51</u>	Specific Conductivity (mS/cm): <u>0.573</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 10
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 5 DATE: 1/21/2009 START TIME: 16:05

WELL ID: LL5mw-004

WELL DEPTH: _____ INITIAL WATER LEVEL: 18.1

WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
16:17	18.06	0.2	0.2	8.83	0.611	11.28	7.62	0
16:20	18.08	0.2	0.6	7.63	0.622	11.54	7.74	0
16:23	18.08	0.2	0.6	7.61	0.624	11.33	7.44	0
16:26	18.10	0.2	0.6	7.57	0.626	10.78	7.5	0
16:29	18.10	0.2	0.6	7.32	0.627	10.74	7.48	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 5 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL5mw-004 SampleID: FWGLL5MW-004C-1132-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 16:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.46 Temperature (°C): 6.94 DO (mg/L): 10.73 Specific Conductivity (mS/cm): 0.628

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 5 DATE: 1/22/2009 START TIME: 8:45

WELL ID: LL5mw-005

WELL DEPTH: _____ INITIAL WATER LEVEL: 21.6

WELL DIAMETER _____ SCREEN INTERVAL: 17 - 27

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.0

PUMP READINGS: Throttle: 50 Recharge: 12 Discharge: 3

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:03	21.60	0.1	0.2	7.58	0.617	11.08	6.6	0
9:06	21.68	0.1	0.3	7.7	0.644	10.12	6.7	0
9:09	21.60	0.1	0.3	8.34	0.638	9.19	6.8	0
9:12	21.59	0.1	0.3	7.98	0.645	8.43	6.8	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 5 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL5mw-005 SampleID: FWGLL5MW-005C-1133-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 9:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.9 Temperature (°C): 7.93 DO (mg/L): 8.21 Specific Conductivity (mS/cm): 0.65

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 18
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	3	4C	353.2/8330	Propellants
1L/Amber	6	4C	8270	SVOC
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	8082	PCB
1L/Amber	3	4C	8330	Explo
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 5 DATE: 1/21/2009 START TIME: 14:40
 WELL ID: LL5mw-006
 WELL DEPTH: _____ INITIAL WATER LEVEL: 20.45
 WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0
 PUMP READINGS: Throttle: 45 Recharge: 10 Discharge: 5
 COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:41	20.46	0.2	1	8.86	0.651	3.22	6.9	999
14:44	20.46	0.2	0.6	8.85	0.65	2.76	6.9	999
14:47	20.49	0.2	0.6	9.04	0.649	2.55	6.92	935
14:50	20.49	0.2	0.6	8.94	0.648	2.44	6.94	859

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 5 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL5mw-006 SampleID: FWGLL5mw-006C-1134-GW/GF DuplID: FWGLL5mw-DUP1-1260-GW/GF
 SplitID: FWGLL5mw-006C-1274S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 15:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>712</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>

pH: 6.94 Temperature (°C): 9.1 DO (mg/L): 2.32 Specific Conductivity (mS/cm): 0.646

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	3	4C	8330	Explo
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8082	PCB
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8081	Pest
1L/Amber	5	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 6 DATE: 1/20/2009 START TIME: 17:17

WELL ID: LL6mw-001

WELL DEPTH: 17.43 INITIAL WATER LEVEL: 13.36

WELL DIAMETER: _____ SCREEN INTERVAL: 7 - 17

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 12.0

PUMP READINGS: Throttle: 40 Recharge: 13 Discharge: 2

COMMENTS Slow well, little recharge Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
17:18	14.56	0.1	0.6	7.82	0.62	7.23	7.47	59.1
17:21	14.98	0.1	0.3	7.9	0.6	6.98	7.44	87
17:24	15.34	0.1	0.3	7.98	0.58	7.03	7.41	96

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 6 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL6mw-001 SampleID: FWGLL6mw-001C-1135-GW/GF DuplID: _____
 SplitID: _____ RinselID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 17:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>96</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 7.41 Temperature (°C): 7.98 DO (mg/L): 7.03 Specific Conductivity (mS/cm): 0.58

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: W AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt: went dry during sampling return to finish 1/21

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 6 DATE: 1/21/2009 START TIME: 10:00

WELL ID: LL6mw-002

WELL DEPTH: _____ INITIAL WATER LEVEL: 20.95

WELL DIAMETER _____ SCREEN INTERVAL: 12.5 - 22.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.5

PUMP READINGS: Throttle: 40 Recharge: 13 Discharge: 2

COMMENTS went dry during purge Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:01	21.87	0.1	0.15	8.96	0.66	3.45	7.43	23

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 6 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL6mw-002 SampleID: FWGLL6MW-002C-1136-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 10:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>123</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.42 Temperature (°C): 9.62 DO (mg/L): 11.37 Specific Conductivity (mS/cm): 1.03

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 5
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt: went dry during sample return through out the day

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 6 DATE: 1/21/2009 START TIME: 14:25
 WELL ID: LL6mw-003
 WELL DEPTH: _____ INITIAL WATER LEVEL: 16.35
 WELL DIAMETER _____ SCREEN INTERVAL: 12.5 - 22.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.5
 PUMP READINGS: Throttle: 45 Recharge: 13 Discharge: 2
 COMMENTS turbid GRAY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:43	16.41	0.2	0.2	9.95	0.9	7.13	7.78	900
14:46	16.49	0.2	0.6	10.13	0.9	3.98	7.7	832
14:49	16.54	0.2	0.6	10.28	0.9	2.33	7.72	765

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 6 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL6mw-003 SampleID: FWGLL6mw-003C-1137-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 15:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>347</u>	Color: <u>GRAY</u>
		Odor: <u>None</u>

pH: 7.68 Temperature (°C): 10.18 DO (mg/L): 2.87 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: TURBIDITY DECREASING

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 6 DATE: 1/21/2009 START TIME: 11:00
 WELL ID: LL6mw-004
 WELL DEPTH: _____ INITIAL WATER LEVEL: 17
 WELL DIAMETER _____ SCREEN INTERVAL: 12.5 - 22.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.5
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:35	17.14	0.1	0.2	7.04	0.679	12.4	6.73	863
11:39	17.32	0.1	0.4	6.94	0.703	11.8	6.69	910
11:42	17.46	0.1	0.3	7.29	0.721	10.9	6.78	850

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 6 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL6mw-004 SampleID: FWGLL6MW-004C-1138-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 11:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>804</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.78 Temperature (°C): 7.49 DO (mg/L): 9.47 Specific Conductivity (mS/cm): 0.804

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 8
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 6 DATE: 1/21/2009 START TIME: 13:00
 WELL ID: LL6mw-005
 WELL DEPTH: _____ INITIAL WATER LEVEL: 11.99
 WELL DIAMETER _____ SCREEN INTERVAL: 9.5 - 19.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.5
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS turbid, tagged bottom ORANGE Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:10	12.03	0.2	0.2	9.45	0.864	8.18	7.65	900
13:13	12.32	0.2	0.6	9.65	0.862	4.34	7.68	834
13:16	12.76	0.2	0.6	8.99	0.868	2.44	7.69	567

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 6 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL6mw-005 SampleID: FWGLL6mw-005C-1139-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 13:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>430</u>	Color: <u>ORANGE</u>
		Odor: <u>None</u>
pH: <u>7.7</u>	Temperature (°C): <u>8.93</u>	DO (mg/L): <u>2.44</u>
		Specific Conductivity (mS/cm): <u>0.868</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: TURBID

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 6 DATE: 1/21/2009 START TIME: 9:15
 WELL ID: LL6mw-006
 WELL DEPTH: _____ INITIAL WATER LEVEL: 14.3
 WELL DIAMETER _____ SCREEN INTERVAL: 7 - 17
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 12.0
 PUMP READINGS: Throttle: 50 Recharge: 12 Discharge: 2
 COMMENTS slow Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:20	14.34	0.2	0.2	7.57	0.839	8.24	7.22	900
9:23	14.45	0.2	0.6	8.6	0.827	5.9	7.42	890
9:26	14.53	0.175	0.525	8.78	0.829	4.88	7.65	800
9:29	14.62	0.175	0.525	8.97	0.829	4.34	7.69	723
9:32	14.78	0.175	0.525	9.06	0.829	4.18	7.73	624

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 6 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL6mw-006 SampleID: FWGLL6mw-006C-1140-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 9:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>456</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>7.8</u>	Temperature (°C): <u>9.09</u>	DO (mg/L): <u>4.36</u>	Specific Conductivity (mS/cm): <u>0.835</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 5
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 6 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL6mw-007 SampleID: FWGLL6mw-007C-1141-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>432</u>	Color: <u>TINT GRAY</u>
		Odor: <u>None</u>

pH: 8.05 Temperature (°C): 7.2 DO (mg/L): 2.52 Specific Conductivity (mS/cm): 0.702

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 8
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 7 DATE: 1/22/2009 START TIME: 15:55
 WELL ID: LL7mw-001
 WELL DEPTH: 33.05 INITIAL WATER LEVEL: 20.73
 WELL DIAMETER _____ SCREEN INTERVAL: 19.5 - 29.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.5
 PUMP READINGS: Throttle: 70 Recharge: 8 Discharge: 7
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
16:01	20.80	0.45	0.2	10.09	0.267	0.48	6.17	2000
16:04	20.82	0.45	1.35	10.25	0.27	0.3	6.09	1344
16:07	20.82	0.45	1.35	10.24	0.271	0.23	6.12	951

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 7 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL7mw-001 SampleID: FWGLL7mw-001C-1142-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 16:12

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>803</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.17 Temperature (°C): 10.11 DO (mg/L): 0.24 Specific Conductivity (mS/cm): 0.281

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 7 DATE: 1/23/2009 START TIME: 8:45
 WELL ID: LL7mw-002
 WELL DEPTH: _____ INITIAL WATER LEVEL: 14.97
 WELL DIAMETER _____ SCREEN INTERVAL: 15 - 25
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.0
 PUMP READINGS: Throttle: 40 Recharge: 10 Discharge: 5
 COMMENTS CLEAR Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
8:59	15.67	0.2	0.5	7.36	0.332	7.98	5.95	999
9:02	15.72	0.2	0.6	7.29	0.329	7.5	5.98	999
9:05	15.75	0.2	0.6	7.26	0.32	7.3	5.95	739

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 7 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL7mw-002 SampleID: FWGLL7mw-002C-1143-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 9:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>117</u>	Color: <u>CLEAR</u>
		Odor: <u>None</u>

pH: 5.96 Temperature (°C): 7.27 DO (mg/L): 7.1 Specific Conductivity (mS/cm): 0.319

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 35
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 7 DATE: 1/23/2009 START TIME: 10:30
WELL ID: LL7mw-003
WELL DEPTH: _____ INITIAL WATER LEVEL: 11.5
WELL DIAMETER _____ SCREEN INTERVAL: 21 - 31
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.0
PUMP READINGS: Throttle: 45 Recharge: 10 Discharge: 5
COMMENTS CLEAR Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (nS/cm)	DO (mg/L)	pH	Turb (NTU)
10:44	11.54	0.2	1	9.92	0.255	0.73	6.11	999
10:47	11.58	0.2	0.6	10.11	0.264	0.23	6.18	999
10:50	11.58	0.2	0.6	10.37	0.27	0.05	6.22	779
10:53	11.58	0.2	0.6	10.46	0.271	0	6.24	694

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 7 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL7mw-003 SampleID: FWGLL7mw-003C-1144-GF/GW DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 10:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>563</u>	Color: <u>CLEAR</u>
		Odor: <u>None</u>
pH: <u>6.24</u>	Temperature (°C): <u>10.46</u>	DO (mg/L): <u>0</u>
		Specific Conductivity (mS/cm): <u>0.271</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 35
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	3	4C	8330	Explo
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	353.2/8330	Propellants
1L/Amber	6	4C	8082	PCB
1L/Amber	6	4C	8081	Pest
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 7 DATE: 1/23/2009 START TIME: 8:45
 WELL ID: LL7mw-004
 WELL DEPTH: _____ INITIAL WATER LEVEL: 15.03
 WELL DIAMETER _____ SCREEN INTERVAL: 19.5 - 29.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.5
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS TINT Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
8:54	15.10	0.175	0.2	8.6	0.403	6.16	5.96	347
8:57	15.10	0.175	0.525	8.52	0.396	4.96	6.03	301
9:00	15.10	0.175	0.525	8.73	0.392	3.84	6.05	280

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 7 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL7mw-004 SampleID: FWGLL7mw-004C-1145-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 9:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>240</u>	Color: <u>TINT</u>
		Odor: <u>None</u>

pH: 6.06 Temperature (°C): 8.7 DO (mg/L): 3.3 Specific Conductivity (mS/cm): 0.389

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 32
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 7 DATE: 1/23/2009 START TIME: 10:15

WELL ID: LL7mw-005

WELL DEPTH: _____ INITIAL WATER LEVEL: 22.06

WELL DIAMETER _____ SCREEN INTERVAL: 18 - 28

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.0

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS brown Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:16	22.19	0.185	0.2	8.74	0.165	9.34	5.91	657
10:19	22.27	0.175	0.525	8.97	0.166	6.81	5.8	598
10:22	22.46	0.175	0.525	9.15	0.164	6.49	5.81	491
10:25	22.65	0.175	0.525	9.17	0.162	6.47	5.8	385

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 7 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL7mw-005 SampleID: FWGLL7mw-005C-1146-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 10:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>383</u>	Color: <u>brown</u>
		Odor: <u>None</u>

pH: 5.82 Temperature (°C): 9.3 DO (mg/L): 6.08 Specific Conductivity (mS/cm): 0.161

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 34
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 7 DATE: 1/22/2009 START TIME: 15:50
 WELL ID: LL7mw-006
 WELL DEPTH: _____ INITIAL WATER LEVEL: 10.69
 WELL DIAMETER _____ SCREEN INTERVAL: 17.5 - 27.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.5
 PUMP READINGS: Throttle: 30 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:57	10.92	0.2	0.2	9	0.191	10.77	5.4	0
16:00	10.92	0.2	0.6	9.77	0.197	11.68	5.4	0
16:03	11.00	0.2	0.6	9.7	0.199	7.18	5.2	0
16:06	10.89	0.2	0.6	9.8	0.2	8.98	5.3	0
16:09	10.95	0.2	0.6	9.6	0.199	9.94	5.3	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: **RVAAP** LOCATION: **LOADLINE 7** PROJECT NO.: **030240.0006**

SAMPLE INFORMATION

WELL: LL7mw-006 SampleID: FWGLL7MW-006C-1147-GW/GF DuplID: FWGLL7MW-DUP2-1261-GW/GF
 SplitID: FWGLL7MW-006C-1275S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 16:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.4 Temperature (°C): 6.07 DO (mg/L): 6.11 Specific Conductivity (mS/cm): 0.231

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 28
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	8270	SVOC
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	8081	Pest
1L/Amber	3	4C	8330	Explo
1L/Amber	3	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
40ml/Vial	9	HCl	8260	VOC
1L/Poly	3	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 8 DATE: 1/22/2009 START TIME: 9:39
 WELL ID: LL8mw-001
 WELL DEPTH: 27.49 INITIAL WATER LEVEL: 11.34
 WELL DIAMETER: _____ SCREEN INTERVAL: 14 - 24
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0
 PUMP READINGS: Throttle: 60 Recharge: 7 Discharge: 8
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:49	11.90	0.48	0.2	4.57	0.669	0.41	6.96	1350
9:52	12.00	0.48	1.44	9.71	0.669	0.26	7.03	1348
9:55	12.00	0.48	1.44	9.8	0.669	0.23	7.03	1120
9:58	12.02	0.48	1.44	9.72	0.669	0.1	7.05	729

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 8 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL8mw-001 SampleID: FWGLL8mw-001C-1148-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 10:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>639</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.09 Temperature (°C): 9.84 DO (mg/L): 0.19 Specific Conductivity (mS/cm): 0.67

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 8 DATE: 1/22/2009 START TIME: 11:16
 WELL ID: LL8mw-002
 WELL DEPTH: 32.53 INITIAL WATER LEVEL: 17.94
 WELL DIAMETER: _____ SCREEN INTERVAL: 20 - 30
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.0
 PUMP READINGS: Throttle: 60 Recharge: 8 Discharge: 7
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:21	18.33	0.46	0.2	1.92	1.193	0.84	7.02	5999
11:25	18.33	0.46	1.84	10.15	1.114	0.48	6.92	2000
11:30	18.33	0.46	2.3	10.86	1.067	0.38	6.87	2000
11:34	18.33	0.46	1.84	10.81	1.043	0.32	6.84	2000

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 8 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL8mw-002 SampleID: FWGLL8mw-002C-1149-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 11:38

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.84</u>	Temperature (°C): <u>10.82</u>	DO (mg/L): <u>0.32</u>
		Specific Conductivity (mS/cm): <u>1.036</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 8 DATE: 1/22/2009 START TIME: 11:53
 WELL ID: LL8mw-003
 WELL DEPTH: _____ INITIAL WATER LEVEL: 12.49
 WELL DIAMETER _____ SCREEN INTERVAL: 10.5 - 20.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.5
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:59	12.49	0.2	0.2	8.99	1.11	10.01	7.87	249
12:02	12.80	0.16	0.48	9.6	1.12	6.44	7.88	190
12:05	13.03	0.16	0.48	9.72	1.12	5.86	7.91	140

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 8 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL8mw-003 SampleID: FWGLL8mw-003C-1150-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N

GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 12:15

FIELD READINGS / OBSERVATIONS

Turb (NTU): 116 Color: Clear

Odor: None

pH: 7.91 Temperature (°C): 9.77 DO (mg/L): 5.64 Specific Conductivity (mS/cm): 1.12

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 28

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 8 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL8mw-004 SampleID: FWGLL8mw-004C-1151-GW/GF DuplID: _____
 SplitID: _____ RinselD: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 13:03

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>245</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.08 Temperature (°C): 9.63 DO (mg/L): 0.245 Specific Conductivity (mS/cm): 0.7

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 8 DATE: 1/22/2009 START TIME: 10:28

WELL ID: LL8mw-005

WELL DEPTH: _____ INITIAL WATER LEVEL: 12.79

WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS TINT GRAY Odor:None

TIME	WATER LEVEL (btac)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:33	12.93	0.2	0.2	8	0.716	7.88	6.96	768
10:36	13.40	0.16	0.48	7.35	0.715	4.22	6.84	661
10:39	13.80	0.15	0.45	7.02	0.712	3.24	6.78	590
10:42	14.01	0.13	0.39	6.72	0.713	2.8	6.79	453

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP		LOCATION: LOADLINE 8		PROJECT NO.: 030240.0006	
SAMPLE INFORMATION					
WELL: <u>LL8mw-005</u>		SampleID: <u>FWGLL8mw-005C-1152-GW/GF</u>		DuplID: _____	
SplitID: _____			RinseID: _____		
MATRIX: <u>WG - Ground Water</u>		SAMPLING METHOD: <u>BP - Bladder Pump</u>		MS/MSD: <u>N</u>	
GRAB: <u>Y</u>		COMPOSITE: <u>N</u>		DATE: <u>1/22/2009</u> TIME: <u>10:50</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>321</u>		Color: <u>TINT GRAY</u>	
				Odor: <u>None</u>	
pH: <u>6.81</u>		Temperature (°C): <u>6.65</u>		DO (mg/L): <u>2.62</u>	
				Specific Conductivity (mS/cm): <u>0.715</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Sunny</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>W</u>	
SHIPPED VIA: <u>Lab Pickup</u>				AMBIENT TEMP (°F): <u>22</u>	
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>CAL Cmt:</u>					

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 8

DATE: 1/22/2009

START TIME: 9:00

WELL ID: LL8mw-006

WELL DEPTH: _____

INITIAL WATER LEVEL: 19.59

WELL DIAMETER _____

SCREEN INTERVAL: 14 - 24

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 19.0

PUMP READINGS: Throttle: 50

Recharge: 13

Discharge: 2

COMMENTS TINT GRAY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:20	19.90	0.2	0.2	8.72	0.782	10.21	6.87	890
9:23	19.95	0.175	0.525	8.9	0.772	8.76	7.23	767
9:26	19.90	0.18	0.54	8.97	0.77	7.27	7.49	656
9:29	19.87	0.175	0.525	9.1	0.77	6.62	7.52	432
9:32	19.80	0.175	0.525	9.3	0.767	6.32	7.58	339

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 8 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL8mw-006 SampleID: FWGLL8mw-006C-1153-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 9:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>229</u>	Color: <u>TINT GRAY</u>
		Odor: <u>None</u>
pH: <u>7.6</u>	Temperature (°C): <u>9.38</u>	DO (mg/L): <u>6</u>
		Specific Conductivity (mS/cm): <u>0.764</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 9 DATE: 1/22/2009 START TIME: 14:07
 WELL ID: LL9mw-001
 WELL DEPTH: 23.28 INITIAL WATER LEVEL: 15.28
 WELL DIAMETER: SCREEN INTERVAL: 10.5 - 20.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.5
 PUMP READINGS: Throttle: 50 Recharge: 7 Discharge: 8
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:12	15.51	0.4	0.2	8.94	0.284	4.07	6.82	46.6
14:15	15.55	0.4	1.2	8.87	0.284	4	6.7	40.5
14:18	15.60	0.4	1.2	9.09	0.268	3.51	6.55	22.5
14:21	15.60	0.4	1.2	9.19	0.26	3.35	6.44	15
14:24	15.60	0.4	1.2	9.19	0.254	3.2	6.46	11.4
14:27	15.60	0.4	1.2	9.06	0.255	3.17	6.46	9.2

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-001 SampleID: FWGLL9mw-001C-1154-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 14:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>9.1</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.29 Temperature (°C): 8.83 DO (mg/L): 3.27 Specific Conductivity (mS/cm): 0.259

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 9 DATE: 1/22/2009 START TIME: 14:15

WELL ID: LL9mw-002

WELL DEPTH: _____ INITIAL WATER LEVEL: 10.85

WELL DIAMETER _____ SCREEN INTERVAL: 10 - 20

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.0

PUMP READINGS: Throttle: 50 Recharge: 12 Discharge: 3

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:37	11.39	0.2	0.2	11.26	0.205	11.12	5.1	69.7
14:40	11.52	0.2	0.6	9.53	0.227	12.59	4.9	67.4
14:43	11.44	0.2	0.6	9.15	0.227	10.8	5	56.9
14:46	11.56	0.2	0.6	8.94	0.228	10.39	5	29.6

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-002 SampleID: FWGLL9MW-002C-1155-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 14:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>18.2</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5 Temperature (°C): 8.91 DO (mg/L): 10.31 Specific Conductivity (mS/cm): 0.229

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 30
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 9 DATE: 1/22/2009 START TIME: 13:35
 WELL ID: LL9mw-003
 WELL DEPTH: _____ INITIAL WATER LEVEL: 11.51
 WELL DIAMETER _____ SCREEN INTERVAL: 11.5 - 21.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.5
 PUMP READINGS: Throttle: 40 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:35	11.78	0.2	1	8.58	0.15	6.45	6.68	244
13:38	11.77	0.2	0.6	8.66	0.15	6.1	6.37	231
13:41	11.98	0.2	0.6	9.5	0.149	6.1	6.05	198
13:44	12.05	0.2	0.6	9.38	0.15	6.05	5.91	156
13:47	12.13	0.2	0.6	9.11	0.154	5.93	6.04	101
13:50	12.14	0.2	0.6	9.03	0.159	5.76	6.04	68.6
13:53	12.14	0.2	0.6	8.99	0.161	5.61	6.03	36

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-003 SampleID: FWGLL9mw-003C-1156-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 13:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>23.1</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.02 Temperature (°C): 9.01 DO (mg/L): 5.5 Specific Conductivity (mS/cm): 0.163

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 35
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 9 DATE: 1/22/2009 START TIME: 14:10

WELL ID: LL9mw-004

WELL DEPTH: _____ INITIAL WATER LEVEL: 21.22

WELL DIAMETER _____ SCREEN INTERVAL: 22 - 32

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 27.0

PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5

COMMENTS BROWN Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:13	21.22	0.2	1	9.88	0.209	0.7	5.7	999
14:16	21.22	0.2	0.6	9.75	0.211	0.26	5.73	999
14:19	21.22	0.2	0.6	10.06	0.208	0	5.61	999
14:22	21.22	0.2	0.6	10.21	0.209	0	5.57	999
14:25	21.22	0.2	0.6	10.35	0.21	0.21	5.62	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-004 SampleID: FWGLL9mw-004C-1157-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 14:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>999</u>	Color: <u>BROWN</u>
		Odor: <u>None</u>

pH: 5.64 Temperature (°C): 9.91 DO (mg/L): 0.1 Specific Conductivity (mS/cm): 0.212

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 30
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 9 DATE: 1/22/2009 START TIME: 13:52
 WELL ID: LL9mw-005
 WELL DEPTH: _____ INITIAL WATER LEVEL: 16.32
 WELL DIAMETER _____ SCREEN INTERVAL: 10 - 20
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.0
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS TINT Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (µS/cm)	DO (mg/L)	pH	Turb (NTU)
13:53	16.49	0.2	0.25	8.26	0.165	9.1	7.4	210
13:55	16.54	0.175	0.35	8.54	0.16	8.54	6.82	263
13:58	16.55	0.175	0.525	8.69	0.16	8.3	6.6	231
14:01	16.56	0.175	0.525	8.56	0.168	7.57	6.53	261
14:04	16.55	0.175	0.525	8.53	0.174	7.18	6.5	220

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-005 SampleID: FWGLL9mw-005C-1158-GW/GF DupIID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 14:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>180</u>	Color: <u>TINT</u>
		Odor: <u>None</u>
pH: <u>6.48</u> Temperature (°C): <u>8.5</u> DO (mg/L): <u>6.7</u> Specific Conductivity (mS/cm): <u>0.175</u>		

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 30
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: out of temp @ lab, resampled w/in 24 hrs, no repurge & sample at 1-23-09 1330

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-005 SampleID: FWGLL9mw-005C-1158-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 13:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>210</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.5</u>	Temperature (°C): <u>8.69</u>	DO (mg/L): <u>7.3</u>	Specific Conductivity (mS/cm): <u>0.18</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 35
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo

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MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 9 DATE: 1/22/2009 START TIME: 15:25

WELL ID: LL9mw-006

WELL DEPTH: _____ INITIAL WATER LEVEL: 18.75

WELL DIAMETER _____ SCREEN INTERVAL: 16 - 26

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.0

PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:35	18.89	0.2	1	8.52	0.09	6.6	5.21	63.2
15:38	19.31	0.2	0.6	8.66	0.091	5.73	5.17	55.6
15:41	19.41	0.2	0.6	9	0.09	5.08	4.92	69.8
15:44	19.47	0.2	0.6	9.09	0.09	4.96	4.83	96.2
15:47	19.63	0.2	0.6	9.05	0.09	4.99	4.76	91
15:50	19.65	0.2	0.6	9	0.09	5	4.66	91.6
15:53	19.75	0.2	0.6	9.18	0.089	5	4.63	64.4
15:56	19.75	0.2	0.6	9.36	0.088	4.95	4.6	52.8

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-006 SampleID: FWGLL9mw-006C-1159-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>36.9</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 4.59 Temperature (°C): 9.13 DO (mg/L): 5.03 Specific Conductivity (mS/cm): 0.088

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 9 DATE: 1/22/2009 START TIME: 13:00

WELL ID: LL9mw-007

WELL DEPTH: _____ INITIAL WATER LEVEL: 8.5

WELL DIAMETER _____ SCREEN INTERVAL: 8.5 - 18.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.5

PUMP READINGS: Throttle: 25 Recharge: 13 Discharge: 2

COMMENTS no well cap on at start Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:10	9.07	0.1	0.2	10.36	0.127	9.06	5.6	44.7
13:13	9.15	0.1	0.3	8.89	0.138	9.13	5.3	39
13:16	9.29	0.1	0.3	8.65	0.139	8.16	5.1	28.2
13:19	9.41	0.1	0.3	8.56	0.141	7.83	5.1	15.5
13:22	9.56	0.1	0.3	8.51	0.143	7.41	5	15.3

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 9 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL9mw-007 SampleID: FWGLL9MW-007C-1160-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 13:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>6.4</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>4.8</u>	Temperature (°C): <u>8.48</u>	DO (mg/L): <u>7.29</u>	Specific Conductivity (mS/cm): <u>0.144</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 27
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 10 DATE: 1/22/2009 START TIME: 11:35
 WELL ID: LL10mw-001
 WELL DEPTH: _____ INITIAL WATER LEVEL: 24.96
 WELL DIAMETER _____ SCREEN INTERVAL: 17 - 27
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.0
 PUMP READINGS: Throttle: 40 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:37	25.27	0.1	0.5	8.85	0.585	5.11	7.01	59.3
11:40	25.27	0.1	0.3	8.66	0.59	5.05	6.99	67.7
11:43	25.27	0.1	0.3	8.58	0.588	4.99	6.98	58.3

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 10 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL10mw-001 SampleID: FWGLL10mw-001C-1164-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 11:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>66.1</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>7.02</u>	Temperature (°C): <u>8.42</u>	DO (mg/L): <u>5.06</u>	Specific Conductivity (mS/cm): <u>0.59</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 10 DATE: 1/22/2009 START TIME: 11:20

WELL ID: LL10mw-002

WELL DEPTH: _____ INITIAL WATER LEVEL: 17.89

WELL DIAMETER _____ SCREEN INTERVAL: 17 - 27

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.0

PUMP READINGS: Throttle: 50 Recharge: 12 Discharge: 3

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:40	18.10	0.1	0.2	9.76	0.276	10.67	6	0
11:43	18.01	0.1	0.3	9.35	0.3	10.18	5.9	0
11:46	18.02	0.1	0.3	9.43	0.301	9.28	6	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 10 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL10mw-002 SampleID: FWGLL10MW-002C-1162-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 12:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.9 Temperature (°C): 9.51 DO (mg/L): 9.13 Specific Conductivity (mS/cm): 0.301

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 24
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 10 DATE: 1/22/2009 START TIME: 12:25

WELL ID: LL10mw-003

WELL DEPTH: _____ INITIAL WATER LEVEL: 21.25

WELL DIAMETER _____ SCREEN INTERVAL: 16 - 26

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.0

PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:36	21.50	0.2	1	10.59	0.349	2.75	6.2	35.5
12:39	21.55	0.2	0.6	10.7	0.351	2.82	6.14	62.9
12:42	21.55	0.2	0.6	10.88	0.363	3.28	6.18	62.7

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 10 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL10mw-003 SampleID: FWGLL10mw-003C-1163-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N

GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 12:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>66.2</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.18</u>	Temperature (°C): <u>10.79</u>	DO (mg/L): <u>3.35</u>	Specific Conductivity (mS/cm): <u>0.364</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 28

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 10 DATE: 1/22/2009 START TIME: 9:03

WELL ID: LL10mw-004

WELL DEPTH: _____ INITIAL WATER LEVEL: 13.45

WELL DIAMETER _____ SCREEN INTERVAL: 21 - 31

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.0

PUMP READINGS: Throttle: 50 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:07	13.56	0.2	0.5	9.62	0.529	2.2	6.31	0
9:10	13.57	0.2	0.6	9.45	0.527	2.21	6.43	0
9:13	13.57	0.2	0.6	9.24	0.52	1.34	6.52	0
9:16	13.57	0.2	0.6	9.21	0.522	1.24	6.58	0
9:19	13.58	0.2	0.6	9.2	0.525	0.75	6.69	0
9:22	13.60	0.2	0.6	9.41	0.523	0.61	6.68	0
9:25	13.65	0.2	0.6	9.56	0.523	0.12	6.71	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 10 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL10mw-004 SampleID: FWGLL10mw-004C-1164-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 9:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.75</u>	Temperature (°C): <u>9.52</u>	DO (mg/L): <u>0.1</u>
		Specific Conductivity (mS/cm): <u>0.522</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 24
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	6	4C	353.2/8330	Propellants
1L/Amber	6	4C	8082	PCB
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	8081	Pest
1L/Amber	6	4C	8270	SVOC
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	3	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 10 DATE: 1/22/2009 START TIME: 11:10

WELL ID: LL10mw-005

WELL DEPTH: _____ INITIAL WATER LEVEL: 15.85

WELL DIAMETER _____ SCREEN INTERVAL: 16.5 - 26.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.5

PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:19	15.85	0.2	1	9.01	0.371	0.63	6.15	36
11:22	15.85	0.2	0.6	9.16	0.374	0.55	6.15	44.1
11:25	15.85	0.2	0.6	9.33	0.377	0.41	6.21	38.7

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 10 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL10mw-005 SampleID: FWGLL10mw-005C-1165-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>40.1</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.27</u>	Temperature (°C): <u>9.52</u>	DO (mg/L): <u>0.32</u>
		Specific Conductivity (mS/cm): <u>0.377</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 10 DATE: 1/22/2009 START TIME: 8:50

WELL ID: LL10mw-006

WELL DEPTH: _____ INITIAL WATER LEVEL: 12.49

WELL DIAMETER _____ SCREEN INTERVAL: 13.5 - 23.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.5

PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:00	12.49	0.2	1	8.29	0.182	1.43	5.4	229
9:03	12.49	0.2	0.6	8.31	0.18	1.2	5.37	196
9:06	12.49	0.2	0.6	8.48	0.174	1.12	5.34	106

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 10 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL10mw-006 SampleID: FWGLL10mw-006C-1166-GW/GF DuplID: FWGLL10mw-DUP3-1262-GW/GF
 SplitID: FWGLL10mw-006C-1276S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 9:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>46.3</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>5.2</u>	Temperature (°C): <u>8.58</u>	DO (mg/L): <u>0.99</u>	Specific Conductivity (mS/cm): <u>0.171</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8081	Pest
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8270	SVOC
1L/Amber	5	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 11 DATE: 1/23/2009 START TIME: 12:04
 WELL ID: LL11mw-001
 WELL DEPTH: 21.45 INITIAL WATER LEVEL: 8.85
 WELL DIAMETER: _____ SCREEN INTERVAL: 11.4 - 21.4
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.4
 PUMP READINGS: Throttle: 50 Recharge: 8 Discharge: 7
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:08	8.85	0.48	0.2	9.51	0.49	0.68	6.67	2000
12:12	9.03	0.48	1.92	9.56	0.496	0.57	6.65	2000
12:15	9.03	0.48	1.44	9.62	0.504	0.52	6.64	2000

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 11 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL11mw-001 SampleID: FWGLL11mw-001C-1167-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 12:19

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.66</u>	Temperature (°C): <u>10.15</u>	DO (mg/L): <u>0.64</u>
		Specific Conductivity (mS/cm): <u>0.516</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 34
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 11 DATE: 1/23/2009 START TIME: 9:00

WELL ID: LL11mw-003

WELL DEPTH: _____ INITIAL WATER LEVEL: 0.82

WELL DIAMETER _____ SCREEN INTERVAL: 5.9 - 15.9

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.9

PUMP READINGS: Throttle: 25 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:15	1.32	0.2	0.2	7.34	0.751	10.57	6.62	0
9:18	1.40	0.2	0.6	6.09	0.819	10.46	6.74	0
9:21	1.52	0.2	0.6	6.22	0.825	9.11	6.83	0
9:24	1.65	0.2	0.6	6.4	0.825	8.02	6.87	678
9:27	1.70	0.2	0.6	6.36	0.839	7.19	6.9	490

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 11 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL11mw-003 SampleID: FWGLL11MW-003C-1168-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 9:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>470</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.91</u>	Temperature (°C): <u>6.3</u>	DO (mg/L): <u>7</u>
		Specific Conductivity (mS/cm): <u>0.851</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 30
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 11 DATE: 1/23/2009 START TIME: 10:31

WELL ID: LL11mw-004

WELL DEPTH: 16.13 INITIAL WATER LEVEL: 0.41

WELL DIAMETER: _____ SCREEN INTERVAL: 6.1 - 16.1

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.1

PUMP READINGS: Throttle: 40 Recharge: 9 Discharge: 6

COMMENTS replaced plug Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:34	3.70	0.46	0.2	6.87	0.519	1.34	7.13	32.3
10:38	5.32	0.46	1.84	6.64	0.511	1.5	7.19	31
10:41	5.63	0.46	1.38	6.6	0.505	1.5	7.11	29.8

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 11 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL11mw-004 SampleID: FWGLL11mw-004C-1169-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 10:44

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>25.6</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.11 Temperature (°C): 6.77 DO (mg/L): 1.56 Specific Conductivity (mS/cm): 0.509

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 26
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 11 DATE: 1/23/2009 START TIME: 11:00
 WELL ID: LL11mw-005
 WELL DEPTH: _____ INITIAL WATER LEVEL: 6.76
 WELL DIAMETER _____ SCREEN INTERVAL: 6.2 - 16.2
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.2
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:09	6.81	0.2	0.2	7.99	0.169	13.52	5.76	120
11:12	6.86	0.2	0.6	7.76	0.163	12.86	5.38	101
11:15	6.91	0.2	0.6	7.55	0.16	12.01	5.23	120
11:18	6.92	0.2	0.6	7.44	0.161	11.2	5.2	109
11:21	6.92	0.2	0.6	7.38	0.164	10.8	5.18	94.1

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 11 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL11mw-005 SampleID: FWGLL11MW-005C-1170-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>92.2</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.09 Temperature (°C): 7.36 DO (mg/L): 10.58 Specific Conductivity (mS/cm): 0.164

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 35
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 11 DATE: 1/23/2009 START TIME: 8:58

WELL ID: LL11mw-006

WELL DEPTH: 15.65 INITIAL WATER LEVEL: 3.64

WELL DIAMETER: _____ SCREEN INTERVAL: 5.6 - 15.6

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.6

PUMP READINGS: Throttle: 40 Recharge: 12 Discharge: 3

COMMENTS replaced plug and lock Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:00	4.18	0.22	0.2	7.9	0.552	6.51	6.72	706
9:03	4.23	0.22	0.66	7.56	0.551	6.4	6.86	594
9:06	4.25	0.22	0.66	7.35	0.553	6.34	6.98	131
9:09	4.30	0.22	0.66	7.16	0.553	6.35	7.1	67.1
9:12	4.31	0.22	0.66	7.11	0.554	6.38	7.13	43.9
9:15	4.36	0.22	0.66	7.15	0.555	6.39	7.11	39.1

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 11 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL11mw-006 SampleID: FWGLL11mw-006C-1171-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 11:11

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>33.8</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>7.18</u>	Temperature (°C): <u>7.13</u>	DO (mg/L): <u>6.4</u>	Specific Conductivity (mS/cm): <u>0.555</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 11 DATE: 1/23/2009 START TIME: 11:10

WELL ID: LL11mw-008

WELL DEPTH: _____ INITIAL WATER LEVEL: 1.44

WELL DIAMETER _____ SCREEN INTERVAL: 5.6 - 15.6

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.6

PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:19	1.85	0.2	1	8	0.7	2.2	7.15	98.9
11:22	1.99	0.2	0.6	8.12	0.699	1.4	6.89	95.3
11:25	2.20	0.2	0.6	8.28	0.697	1.21	6.87	65.8
11:28	2.25	0.2	0.6	8.35	0.695	1.15	6.87	57.3

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 11 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL11mw-008 SampleID: FWGLL11mw-008C-1172-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>45.7</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.91 Temperature (°C): 8.32 DO (mg/L): 1.15 Specific Conductivity (mS/cm): 0.697

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 30
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 11 DATE: 1/23/2009 START TIME: 8:45

WELL ID: LL11mw-010

WELL DEPTH: _____ INITIAL WATER LEVEL: 2.95

WELL DIAMETER _____ SCREEN INTERVAL: 10.9 - 20.9

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.9

PUMP READINGS: Throttle: 20 Recharge: 11 Discharge: 4

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
8:55	4.64	0.2	1	5.49	0.674	1	6.77	795
8:58	5.10	0.2	0.6	5.33	0.67	0.97	6.78	916
9:01	5.30	0.2	0.6	5.36	0.656	0.89	6.77	610

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 11 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL11mw-010 SampleID: FWGLL11mw-010C-1174-GW/GF DuplID: FWGLL11mw-DUP4-1263-GW/GF
 SplitID: FWGLL11mw-010C-1277S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 9:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>309</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.84 Temperature (°C): 5.04 DO (mg/L): 0.82 Specific Conductivity (mS/cm): 0.652

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 30
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Multiple Labs
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	8081	Pest
1L/Poly	3	HNO3	6010/6020/7470	Metals
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: BUILDING 120 DATE: 1/19/2009 START TIME: 15:10
WELL ID: B12mw-010
WELL DEPTH: _____ INITIAL WATER LEVEL: 18.88
WELL DIAMETER _____ SCREEN INTERVAL: 10 - 20
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.0
PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5
COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:19	19.35	0.1	0.5	5.39	0.147	5.85	5.77	87.4
15:22	19.35	0.1	0.3	5.14	0.144	5.7	5.76	82.2
15:25	19.38	0.1	0.3	5.29	0.129	5.72	5.75	77.6
15:28	19.51	0.1	0.3	6.06	0.125	5.74	5.73	73
15:30	19.61	0.1	0.2	6.14	0.129	5.96	5.72	70.8

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: BUILDING 120 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: B12mw-010 SampleID: FWGB12mw-010C-1175-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 15:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>68.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.73 Temperature (°C): 6.03 DO (mg/L): 5.87 Specific Conductivity (mS/cm): 0.13

GENERAL INFORMATION

SUN/OVERCAST: CLOUDY PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: BUILDING 120 DATE: 1/19/2009 START TIME: 15:10
 WELL ID: B12mw-011
 WELL DEPTH: _____ INITIAL WATER LEVEL: 23
 WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0
 PUMP READINGS: Throttle: 20 Recharge: 12 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:14	23.20	0.2	1	8.99	0.182	2.53	5.82	362
15:17	23.32	0.2	0.4	8.99	0.183	2.56	5.65	340
15:20	23.41	0.2	0.6	8.98	0.183	2.62	5.64	280
15:23	23.50	0.2	0.6	9.13	0.181	2.55	5.64	244

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: BUILDING 120 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: B12mw-011 SampleID: FWGB12mw-011C-1176-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 15:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>186</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.64 Temperature (°C): 9.3 DO (mg/L): 2.58 Specific Conductivity (mS/cm): 0.181

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: BUILDING 120 DATE: 1/19/2009 START TIME: 14:45

WELL ID: B12mw-012

WELL DEPTH: INITIAL WATER LEVEL: 24.6

WELL DIAMETER SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: B - BAILER PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 0 Recharge: 0 Discharge: 0

COMMENTS < 3" OF WATER; WELL PURGED DRY; TOOK 1 FIELD PARAMETER READING & SAMPLED CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
16:04	24.60	0.1	0.02	6.14	0.562	8.78	6.36	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>BUILDING 120</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>B12mw-012</u>		SampleID: <u>FWGB12mw-012C-1177-GW</u>		DuplID: _____	
		SplitID: _____		RinseID: _____	
MATRIX: <u>WG - Ground Water</u>		SAMPLING METHOD: <u>B - Bailer</u>		MS/MSD: <u>N</u>	
GRAB: <u>Y</u>		COMPOSITE: <u>N</u>		DATE: <u>1/19/2009</u> TIME: <u>16:10</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>999</u>		Color: <u>CLOUDY</u>	
				Odor: <u>None</u>	
pH: <u>6.36</u>		Temperature (°C): <u>6.14</u>		DO (mg/L): <u>8.78</u>	
				Specific Conductivity (mS/cm): <u>0.562</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>CLOUDY</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>N</u>	
				AMBIENT TEMP (°F): <u>20</u>	
SHIPPED VIA: <u>Lab Pickup</u>					
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>EC</u> Cmt: <u>retrn'd to well after dry, sample 3 VOAs only, retrn'd 1/20 no vol for collection</u>					
CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS	
<i>SIZE/TYPE</i>	<i>NUMBER</i>				
40ml/Vial	3	HCl	8260	VOC	

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: C-BLOCK QUA DATE: 1/20/2009 START TIME: 14:00

WELL ID: CBLmw-001

WELL DEPTH: _____ INITIAL WATER LEVEL: 44.85

WELL DIAMETER _____ SCREEN INTERVAL: 39 - 49

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 44.0

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:10	44.87	0.2	0.2	7.25	0.106	9.08	5.95	481
14:15	44.50	0.2	1	5.97	0.109	9.75	5.92	444
14:18	44.60	0.2	0.6	5.57	0.112	10.06	5.89	456
14:21	44.73	0.2	0.6	5.7	0.111	10.1	5.86	455

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: C-BLOCK QU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBLmw-001 SampleID: FWGCBLMW-001C-1178-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 14:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>427</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>5.59</u>	Temperature (°C): <u>4.54</u>	DO (mg/L): <u>10.26</u>
		Specific Conductivity (mS/cm): <u>0.108</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NW AMBIENT TEMP (°F): 5
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: C-BLOCK QUA DATE: 1/20/2009 START TIME: 15:15
 WELL ID: CBLmw-002
 WELL DEPTH: _____ INITIAL WATER LEVEL: 39.19
 WELL DIAMETER _____ SCREEN INTERVAL: 34.5 - 44.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 39.5
 PUMP READINGS: Throttle: 70 Recharge: 12 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:24	39.20	0.25	0.2	6.45	0.177	10.56	6.12	144
15:27	40.08	0.175	0.525	8.3	0.172	8.85	5.63	178
15:30	40.19	0.175	0.525	9.01	0.17	7.92	5.6	180
15:33	40.27	0.175	0.525	9.08	0.167	7.65	5.58	157

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: C-BLOCK QU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBLmw-002 SampleID: FWGCBLmw-002-1179-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>100</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>5.59</u>	Temperature (°C): <u>9.07</u>	DO (mg/L): <u>7.4</u>
		Specific Conductivity (mS/cm): <u>0.166</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: N AMBIENT TEMP (°F): 5
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8270	SVOC
1L/Amber	6	4C	8081	Pest
1L/Poly	3	HNO3	6010/6020/7470	Metals
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	6	4C	8082	PCB
40ml/Vial	9	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: C-BLOCK QUA DATE: 1/20/2009 START TIME: 14:30

WELL ID: CBLmw-003

WELL DEPTH: _____ INITIAL WATER LEVEL: 37.9

WELL DIAMETER _____ SCREEN INTERVAL: 33 - 43

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 38.0

PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:45	38.15	0.2	1	10.3	0.107	8.18	4.72	357
14:48	38.15	0.2	0.6	10.27	0.106	8.15	4.82	294
14:51	38.15	0.2	0.6	10.19	0.106	8.12	4.84	269
14:54	38.15	0.2	0.6	10.37	0.105	8.06	4.77	194

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: C-BLOCK QU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBLmw-003 SampleID: FWGCBLmw-003C-1180-GW/GF DuplID: FWGCBLmw-DUP5-1264-GW/GF
 SplitID: FWGCBLmw-003C-1278S-GW/GF RinseID: FWGEQUIPrinse2-1289-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 15:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>154</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 4.73 Temperature (°C): 10.45 DO (mg/L): 8.03 Specific Conductivity (mS/cm): 0.105

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: Y WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	8081	Pest
1L/Poly	3	HNO3	6010/6020/7470	Metals
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	5	4C	8270	SVOC
1L/Amber	5	4C	8082	PCB
40ml/Vial	9	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: C-BLOCK QUA DATE: 1/21/2009 START TIME: 14:00
 WELL ID: CBLmw-004
 WELL DEPTH: _____ INITIAL WATER LEVEL: 37.4
 WELL DIAMETER _____ SCREEN INTERVAL: 34 - 44
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 39.0
 PUMP READINGS: Throttle: 30 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:15	37.43	0.2	0.2	8.78	0.228	10.35	5.66	234
14:19	37.51	0.2	0.8	8.96	0.119	10.33	5.68	223
14:22	37.59	0.2	0.6	9.02	0.119	10.34	5.68	217

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: C-BLOCK QU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBLmw-004 SampleID: FWGCBLmw-004C-1181-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 14:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>232</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.7 Temperature (°C): 8.98 DO (mg/L): 10.39 Specific Conductivity (mS/cm): 0.116

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NW AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: CENTRAL BUR DATE: 1/21/2009 START TIME: 8:55
 WELL ID: CBPmw-001
 WELL DEPTH: 32.45 INITIAL WATER LEVEL: 14.06
 WELL DIAMETER: _____ SCREEN INTERVAL: 21.8 - 31.8
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.8
 PUMP READINGS: Throttle: 60 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:01	14.99	0.32	0.2	7.71	2.67	3.07	7	99.7
10:04	15.40	0.32	0.96	7.78	2.67	2.74	7.03	99.6
10:08	15.92	0.32	1.28	7.63	2.67	2.53	7.03	95.8

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: CENTRAL BU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBPmw-001 SampleID: FWGCBPmw-001C-1182-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 10:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>96.8</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 7.01 Temperature (°C): 7.69 DO (mg/L): 2.02 Specific Conductivity (mS/cm): 2.68

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 5
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: CENTRAL BUR DATE: 1/21/2009 START TIME: 10:20
WELL ID: CBPmw-002
WELL DEPTH: _____ INITIAL WATER LEVEL: 9.78
WELL DIAMETER _____ SCREEN INTERVAL: 19.5 - 29.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.5
PUMP READINGS: Throttle: 30 Recharge: 11 Discharge: 4
COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:25	10.90	0.2	1	9.71	1.63	0.27	7.3	321
10:28	11.75	0.2	0.6	9.76	1.63	0.21	7.32	298
10:31	12.40	0.2	0.6	9.57	1.63	0	7.34	333

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: CENTRAL BU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBPmw-002 SampleID: FWGCBPmw-002C-1183-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 10:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>329</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 7.34 Temperature (°C): 9.63 DO (mg/L): 0 Specific Conductivity (mS/cm): 1.63

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 10
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8081	Pest
1L/Amber	6	4C	8082	PCB
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	353.2/8330	Propellants
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8270	SVOC
40ml/Vial	9	HCl	8260	VOC
250ml/Poly	3	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: CENTRAL BUR DATE: 1/21/2009 START TIME: 13:00

WELL ID: CBPmw-003

WELL DEPTH: _____ INITIAL WATER LEVEL: 12.97

WELL DIAMETER _____ SCREEN INTERVAL: 14.5 - 24.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.5

PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:20	13.48	0.2	1.5	9.53	1.68	0.97	7.27	709
13:23	13.77	0.2	0.6	9.49	1.68	0.69	7.26	616
13:26	14.12	0.2	0.6	9.64	1.65	0.12	7.3	335

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: CENTRAL BU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBPmw-003 SampleID: FWGCBPmw-003C-1184-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 13:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>255</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.32 Temperature (°C): 9.63 DO (mg/L): 0.03 Specific Conductivity (mS/cm): 1.63

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8082	PCB

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: CENTRAL BU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBPmw-004 SampleID: FWGCBPmw-004C-1185-GW/GF DuplID: FWGCBPmw-DUP6-1265-GW/GF
 SplitID: FWGCBPmw-004C-1279S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 12:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>90</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.13 Temperature (°C): 9.79 DO (mg/L): 2 Specific Conductivity (mS/cm): 0.65

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 3
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: ZS Cmt: quality meter not responding properly -3 outside

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	353.2/8330	Propellants
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8270	SVOC
1L/Amber	3	4C	8330	Explo
250ml/Poly	3	NaOH	9012	Cyanide
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: CENTRAL BUR DATE: 1/21/2009 START TIME: 15:10

WELL ID: CBPmw-008

WELL DEPTH: INITIAL WATER LEVEL: 15.78

WELL DIAMETER SCREEN INTERVAL: 15 - 25

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.0

PUMP READINGS: Throttle: 20 Recharge: 11 Discharge: 4

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (µS/cm)	DO (mg/L)	pH	Turb (NTU)
15:18	16.54	0.2	1.5	6.65	2.08	2.9	6.98	368
15:21	16.54	0.2	0.6	6.39	2.09	2.9	7.08	357
15:24	16.75	0.2	0.6	6.6	2.08	3.24	7.16	251
15:27	17.15	0.2	0.6	7.19	2.07	4.09	7.27	181
15:30	17.40	0.2	0.6	7.72	2.05	4.48	7.32	70.2
15:33	17.61	0.2	0.6	7.7	2.06	4.52	7.37	50

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: CENTRAL BU PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CBPmw-008 SampleID: FWGCBPmw-008C-1186-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 15:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>45</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 7.39 Temperature (°C): 7.68 DO (mg/L): 4.55 Specific Conductivity (mS/cm): 2.06

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: COBBS POND DATE: 1/20/2009 START TIME: 10:40

WELL ID: CPmw-001

WELL DEPTH: _____ INITIAL WATER LEVEL: 2.71

WELL DIAMETER _____ SCREEN INTERVAL: 5.5 - 15.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.5

PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:45	3.08	0.2	1	7.47	0.229	7.25	6.78	32.2
10:48	3.23	0.2	0.6	7.77	0.227	7.09	6.66	44.3
10:51	3.44	0.2	0.6	7.85	0.226	7.12	6.69	50.3
10:54	3.57	0.2	0.6	7.87	0.225	7.21	6.68	49.3

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: COBBS POND PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CPmw-001 SampleID: FWGCPmw-001C-1187-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 11:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>43.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.67 Temperature (°C): 7.79 DO (mg/L): 7.27 Specific Conductivity (mS/cm): 0.223

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: COBBS POND DATE: 1/20/2009 START TIME: 13:30

WELL ID: CPmw-002

WELL DEPTH: _____ INITIAL WATER LEVEL: 0.11

WELL DIAMETER _____ SCREEN INTERVAL: 5.5 - 15.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.5

PUMP READINGS: Throttle: 65 Recharge: 12 Discharge: 2

COMMENTS time is 1300s Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:37	0.30	0.4	0.2	5.72	0.9	5.63	7.82	605
12:40	0.50	0.25	0.75	5.75	0.899	1.08	8	407
12:43	0.55	0.25	0.75	5.93	0.9	1.46	8.02	340
12:46	0.58	0.25	0.75	6.12	0.9	2.07	8.08	290

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: COBBS POND PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CPmw-002 SampleID: FWGCPmw-002C-1188-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 14:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>109</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 8.02 Temperature (°C): 6.26 DO (mg/L): 3.01 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: COBBS POND

DATE: 1/20/2009

START TIME: 9:10

WELL ID: CPmw-003

WELL DEPTH: _____

INITIAL WATER LEVEL: 2.31

WELL DIAMETER _____

SCREEN INTERVAL: 8 - 18

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 13.0

PUMP READINGS: Throttle: 20

Recharge: 10

Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:13	2.47	0.2	1	10.01	0.239	1.64	6.24	21.7
9:16	4.49	0.2	0.6	9.62	0.237	1.16	6.45	30.4
9:19	5.00	0.2	0.6	9.47	0.236	1.07	6.48	30.9
9:22	5.17	0.2	0.6	9.33	0.235	1.18	6.56	32.3
9:25	5.43	0.2	0.6	9.42	0.233	1.36	6.54	28.3

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: COBBS POND PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CPmw-003 SampleID: FWGCPmw-003C-1189-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 9:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>28.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.56</u>	Temperature (°C): <u>9.48</u>	DO (mg/L): <u>1.49</u>
		Specific Conductivity (mS/cm): <u>0.233</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: COBBS POND DATE: 1/20/2009 START TIME: 9:10
 WELL ID: CPmw-004
 WELL DEPTH: _____ INITIAL WATER LEVEL: 11.87
 WELL DIAMETER _____ SCREEN INTERVAL: 9.5 - 19.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.5
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:22	11.81	0.2	0.2	7.81	0.659	8.61	6.85	0
9:27	11.84	0.2	1	6.23	0.72	7.22	6.99	0
9:32	11.86	0.2	1	5.42	0.737	6.64	7.06	0
9:36	11.89	0.2	1	5.38	0.745	5.45	7.14	0
9:39	11.89	0.2	0.6	4.92	0.799	4.83	7.18	0
9:41	11.88	0.2	0.4	4.9	0.796	4.73	7.2	0

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: COBBS POND PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CPmw-004 SampleID: FWGCPMW-005C-1191-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 9:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.25 Temperature (°C): 5.47 DO (mg/L): 4.3 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: Y WIND DIRECTION: NW AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8270	SVOC
1L/Amber	3	4C	353.2/8330	Propellants
40ml/Vial	9	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8082	PCB
1L/Amber	6	4C	8081	Pest
250ml/Poly	3	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: COBBS POND DATE: 1/20/2009 START TIME: 12:00

WELL ID: CPmw-005

WELL DEPTH: _____ INITIAL WATER LEVEL: 11.18

WELL DIAMETER _____ SCREEN INTERVAL: 29.5 - 39.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 34.5

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:05	11.20	0.2	0.2	7.27	0.644	8.77	7.23	25.4
12:10	10.95	0.2	1	6.86	0.629	8.32	7.24	27.5
12:13	10.94	0.2	0.6	6.86	0.609	7.98	7.24	27.8

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: COBBS POND PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CPmw-005 SampleID: FWGCPMW-004C-1190-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 12:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>24.6</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.22 Temperature (°C): 6.89 DO (mg/L): 6.82 Specific Conductivity (mS/cm): 0.6

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NW AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: COBBS POND

DATE: 1/20/2009

START TIME: 9:35

WELL ID: CPmw-006

WELL DEPTH: _____

INITIAL WATER LEVEL: 8.31

WELL DIAMETER _____

SCREEN INTERVAL: 8 - 18

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 13.0

PUMP READINGS: Throttle: 70

Recharge: 12

Discharge: 2

COMMENTS very turbid GRAY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:42	8.35	0.3	0.4	7.54	0.9	8.33	7.41	999
9:45	8.36	0.3	0.9	7.03	0.9	7.41	7.45	999
9:48	8.37	0.3	0.9	6.97	0.9	8.53	7.49	800
9:51	8.38	0.3	0.9	6.68	0.9	6.3	7.55	756

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: COBBS POND PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: CPmw-006 SampleID: FWGCPmw-006C-1192-GW/GF DuplID: FWGCPmw-DUP7-1266-GW/GF
 SplitID: FWGCPmw-006C-1280S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 10:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>293</u>	Color: <u>GRAY</u>
		Odor: <u>None</u>

pH: 7.63 Temperature (°C): 6.62 DO (mg/L): 6.06 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8081	Pest
1L/Amber	5	4C	8270	SVOC
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	8082	PCB
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 1/23/2009 START TIME: 12:50

WELL ID: DA2mw-104

WELL DEPTH: _____ INITIAL WATER LEVEL: 21.65

WELL DIAMETER _____ SCREEN INTERVAL: 16.3 - 26.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.3

PUMP READINGS: Throttle: 50 Recharge: 12 Discharge: 3

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:56	21.66	0.2	0.2	12.88	0.349	10.26	7.14	367
12:59	21.72	0.2	0.6	11.13	0.392	10.95	7.15	275
13:04	21.75	0.2	0.6	10.95	0.398	10.77	7.21	204
13:07	21.74	0.2	0.6	10.93	0.402	10.7	7.23	148

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-104 SampleID: FWGDA2MW-104C-1193-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse5-1292-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 13:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>153</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.39 Temperature (°C): 10.9 DO (mg/L): 10.63 Specific Conductivity (mS/cm): 0.402

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 35
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: DEMO.AREA 2 DATE: 1/26/2009 START TIME: 11:20
 WELL ID: DA2mw-105
 WELL DEPTH: _____ INITIAL WATER LEVEL: 3.16
 WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 13.3
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.8
 PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:35	3.61	0.2	1	5.61	0.727	2.05	6.42	247
11:38	3.69	0.2	0.6	5.66	0.705	1.53	6.5	238
11:41	3.72	0.2	0.6	5.38	0.705	1.36	6.59	201
11:44	3.97	0.2	0.6	6.41	0.683	1.25	6.66	132
11:47	3.99	0.2	0.6	5.95	0.69	0.63	6.77	94.9
11:50	4.16	0.2	0.6	6.67	0.68	0.67	6.8	59.4
11:53	4.25	0.2	0.6	6.78	0.68	0.56	6.84	50.1

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-105 SampleID: FWGDA2mw-105C-1194-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 11:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>35.7</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.86 Temperature (°C): 6.84 DO (mg/L): 0.33 Specific Conductivity (mS/cm): 0.682

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 1/26/2009 START TIME: 11:30

WELL ID: DA2mw-106

WELL DEPTH: _____ INITIAL WATER LEVEL: 4

WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 15.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.8

PUMP READINGS: Throttle: 45 Recharge: 13 Discharge: 2

COMMENTS tint Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:34	4.78	0.2	0.2	5.84	1.18	10.96	7.08	163
11:37	5.29	0.175	0.525	5.39	1.16	9.46	7.09	11
11:40	6.01	0.15	0.45	5.35	1.17	8.67	7.09	120

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-106 SampleID: FWGDA2mw-106C-1195-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 11:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>130</u>	Color: <u>tint</u>
		Odor: <u>None</u>

pH: 7.08 Temperature (°C): 5.32 DO (mg/L): 8.03 Specific Conductivity (mS/cm): 1.17

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: MSMSD collected w/out 3 full volumes

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	2	HNO3	6010/6020/7470	Metals
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
250ml/Poly	2	NaOH	9012	Cyanide
1L/Amber	5	4C	8081	Pest
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 1/26/2009 START TIME: 11:30

WELL ID: DA2mw-108

WELL DEPTH: 17.13 INITIAL WATER LEVEL: 5.91

WELL DIAMETER _____ SCREEN INTERVAL: 9.3 - 14.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.8

PUMP READINGS: Throttle: 50 Recharge: 8 Discharge: 7

COMMENTS STRONG SULFUR SMELL Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:36	6.00	0.48	0.2	6.34	0.697	6.31	6.29	2000
11:39	6.00	0.48	1.44	6.67	0.696	4.83	6.45	2000
11:42	6.00	0.48	1.44	6.75	0.694	4.4	6.51	2000
11:45	6.11	0.48	1.44	6.93	0.693	3.91	6.54	1312

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-108 SampleID: FWGDA2mw-108C-1196-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 11:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>980</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.68</u> Temperature (°C): <u>6.95</u> DO (mg/L): <u>3.74</u> Specific Conductivity (mS/cm): <u>0.693</u>		

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 11
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	2	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 1/23/2009 START TIME: 11:56

WELL ID: DA2mw-109

WELL DEPTH: _____ INITIAL WATER LEVEL: 14.15

WELL DIAMETER _____ SCREEN INTERVAL: 11.3 - 21.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.3

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS gray Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:02	14.22	0.2	0.2	9.63	0.96	5.47	7.63	761
12:05	14.38	0.175	0.525	9.65	0.96	4.76	7.65	739
12:08	14.50	0.175	0.525	9.62	0.96	4.07	7.67	768

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-109 SampleID: FWGDA2mw-109C-1197-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/23/2009 TIME: 12:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>693</u>	Color: <u>gray</u>
		Odor: <u>None</u>

pH: 7.7 Temperature (°C): 9.66 DO (mg/L): 3.65 Specific Conductivity (mS/cm): 0.96

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 35
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 1/26/2009 START TIME: 11:00

WELL ID: DA2mw-110

WELL DEPTH: _____ INITIAL WATER LEVEL: 8.61

WELL DIAMETER _____ SCREEN INTERVAL: 9.3 - 19.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.3

PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:20	9.69	0.2	1	9.04	0.378	2.32	6.47	24.2
11:23	9.81	0.2	0.6	9.18	0.377	2.33	6.48	22.5
11:26	10.10	0.2	0.6	9.04	0.376	2.8	6.47	20.8

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-110 SampleID: FWGDA2mw-110C-1198-GW/GF DuplID: FWGDA2mw-DUP8-1267-GW/GF
 SplitID: FWGDA2mw-110C-1281S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>19.6</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.61</u> Temperature (°C): <u>9.32</u> DO (mg/L): <u>4.62</u> Specific Conductivity (mS/cm): <u>0.375</u>		

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	8270	SVOC
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: DEMO.AREA 2 DATE: 1/26/2009 START TIME: 12:55
 WELL ID: DA2mw-111
 WELL DEPTH: 14.76 INITIAL WATER LEVEL: 4.46
 WELL DIAMETER: _____ SCREEN INTERVAL: 7.1 - 12.1
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 9.6
 PUMP READINGS: Throttle: 30 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:58	5.10	0.3	0.2	5.09	0.847	4.53	7.03	204
13:02	6.36	0.3	1.2	4.39	0.848	4.62	6.96	212
13:05	6.73	0.18	0.54	3.77	0.848	4.67	6.98	268
13:08	7.27	0.18	0.54	3.58	0.848	4.59	6.97	386

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-111 SampleID: FWGDA2mw-111C-1199-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 13:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>396</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.96 Temperature (°C): 3.31 DO (mg/L): 4.7 Specific Conductivity (mS/cm): 0.848

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 12
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: DEMO.AREA 2 DATE: 1/26/2009 START TIME: 11:15
 WELL ID: DA2mw-112
 WELL DEPTH: _____ INITIAL WATER LEVEL: 6.73
 WELL DIAMETER _____ SCREEN INTERVAL: 8.8 - 13.8
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.3
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:42	7.73	0.2	0.2	6.76	0.778	12.06	6.34	706
11:45	7.75	0.2	0.6	6.19	0.848	11.72	6.5	0
11:48	7.83	0.2	0.6	6.34	0.821	11.95	6.6	0
11:51	7.73	0.2	0.6	6.44	0.797	11.53	6.6	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-112 SampleID: FWGDA2MW-112C-1200-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 11:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.6 Temperature (°C): 6.58 DO (mg/L): 6.82 Specific Conductivity (mS/cm): 0.812

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 1/26/2009 START TIME: 12:30

WELL ID: DA2mw-113

WELL DEPTH: _____ INITIAL WATER LEVEL: 7.85

WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 13.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.8

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:44	7.89	0.2	0.2	5.23	0.715	11.33	6.76	133
12:47	7.91	0.2	0.6	5.36	0.798	9.55	6.71	82.7
12:50	7.96	0.2	0.6	5.61	0.81	7.98	6.74	98.3
12:53	7.88	0.2	0.6	5.65	0.798	6.77	6.7	80.5

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: DEMO.AREA PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: DA2mw-113 SampleID: FWGDA2MW-113C-1201-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 13:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>83.1</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.7</u>	Temperature (°C): <u>5.85</u>	DO (mg/L): <u>6.76</u>
		Specific Conductivity (mS/cm): <u>0.815</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 18
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: ERIE BURNING DATE: 1/20/2009 START TIME: 9:31
 WELL ID: EBGmw-123
 WELL DEPTH: _____ INITIAL WATER LEVEL: 9.4
 WELL DIAMETER _____ SCREEN INTERVAL: 21 - 31
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.0
 PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5
 COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:36	9.88	0.2	1	8.68	0.715	0.62	6.59	487
9:39	9.88	0.2	0.6	8.62	0.709	0.31	6.69	399
9:42	9.88	0.2	0.6	8.58	0.698	0.12	6.81	312
9:45	9.88	0.2	0.6	8.57	0.69	0	6.94	233
9:48	9.88	0.2	0.6	8.41	0.692	0	7.07	203
9:51	10.01	0.2	0.6	8.91	0.687	0	7.02	138
9:54	10.14	0.2	0.6	9.57	0.678	0	7.06	113
9:57	10.14	0.2	0.6	9.53	0.679	0	7.31	93.8
10:00	10.14	0.2	0.6	9.55	0.717	0	7.34	89.8
10:03	10.14	0.2	0.6	9.48	0.699	0	7.31	93

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-123 SampleID: FWGEBGmw-123C-1202-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 10:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>81.1</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>
pH: <u>7.3</u>	Temperature (°C): <u>9.37</u>	DO (mg/L): <u>0</u>
		Specific Conductivity (mS/cm): <u>0.688</u>

GENERAL INFORMATION

SUN/OVERCAST: CLEAR PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 18
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: ERIE BURNING DATE: 1/20/2009 START TIME: 11:30
 WELL ID: EBGmw-124
 WELL DEPTH: _____ INITIAL WATER LEVEL: 3.14
 WELL DIAMETER _____ SCREEN INTERVAL: 20 - 30
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.0
 PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5
 COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:38	3.21	0.2	1	7.23	0.657	1.43	7.12	999
11:41	3.22	0.2	0.6	6.84	0.655	0.32	7.16	999
11:44	3.22	0.2	0.6	6.7	0.651	0.03	7.21	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-124 SampleID: FWGEBGmw-124C-1203-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 11:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>999</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>
pH: <u>7.25</u>	Temperature (°C): <u>6.58</u>	DO (mg/L): <u>0</u>
		Specific Conductivity (mS/cm): <u>0.651</u>

GENERAL INFORMATION

SUN/OVERCAST: CLOUDY PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 21
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: ERIE BURNING DATE: 1/20/2009 START TIME: 13:05
 WELL ID: EBGmw-125
 WELL DEPTH: _____ INITIAL WATER LEVEL: 11.64
 WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0
 PUMP READINGS: Throttle: 40 Recharge: 10 Discharge: 5
 COMMENTS Cloudy Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:05	11.66	0.2	1	10.39	0.375	3.39	6.97	888
13:08	11.65	0.2	0.6	10.01	0.35	2.37	6.83	957
13:11	11.68	0.2	0.6	10.01	0.334	1.57	6.79	633
13:14	11.68	0.2	0.6	10.04	0.334	1.48	6.79	594

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-125 SampleID: FWGEBGmw-125C-1204-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 13:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>554</u>	Color: <u>DIRTY</u>
		Odor: <u>None</u>
pH: <u>6.79</u>	Temperature (°C): <u>9.87</u>	DO (mg/L): <u>1.26</u>
		Specific Conductivity (mS/cm): <u>0.332</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: ERIE BURNING DATE: 1/22/2009 START TIME: 16:35

WELL ID: EBGmw-126

WELL DEPTH: _____ INITIAL WATER LEVEL: 2.15

WELL DIAMETER _____ SCREEN INTERVAL: 15.2 - 25.2

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.2

PUMP READINGS: Throttle: 40 Recharge: 10 Discharge: 5

COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
16:45	2.15	0.2	1	8.7	0.601	0.11	7.11	999
16:48	2.74	0.2	0.6	8.72	0.602	0.03	7.13	999
16:51	2.79	0.2	0.6	8.78	0.603	0	7.15	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-126 SampleID: FWGEBGmw-126C-1205-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/22/2009 TIME: 16:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>999</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>
pH: <u>7.16</u>	Temperature (°C): <u>8.8</u>	DO (mg/L): <u>0</u>
		Specific Conductivity (mS/cm): <u>0.604</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 34
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: ERIE BURNING DATE: 1/20/2009 START TIME: 9:35
WELL ID: EBGmw-127
WELL DEPTH: 32.7 INITIAL WATER LEVEL: 4.35
WELL DIAMETER: _____ SCREEN INTERVAL: 19 - 29
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.0
PUMP READINGS: Throttle: 60 Recharge: 10 Discharge: 5
COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (µS/cm)	DO (mg/L)	pH	Turb (NTU)
10:25	4.35	0.36	0.2	7.25	0.536	0.82	7.04	2000
10:34	9.05	0.36	3.24	7.4	0.535	0.63	7.2	1883
10:37	9.51	0.36	1.08	7.39	0.536	0.66	7.23	1784
10:40	10.21	0.36	1.08	7.72	0.535	0.65	7.23	1881

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-127 SampleID: FWGEBmw-127C-1206-GW/GF DuplID: FWGEBGmw-DUP9-1268-GW/GF
 SplitID: FWGEBGmw-127C-1282S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 10:33

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1997</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>7.12</u>	Temperature (°C): <u>7.73</u>	DO (mg/L): <u>0.61</u>	Specific Conductivity (mS/cm): <u>0.533</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: W AMBIENT TEMP (°F): 13
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	3	HNO3	6010/6020/7470	Metals
40ml/Vial	9	HCl	8260	VOC
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	8270	SVOC
1L/Amber	5	4C	8081	Pest
1L/Amber	5	4C	8082	PCB
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: ERIE BURNING DATE: 1/20/2009 START TIME: 12:53

WELL ID: EBGmw-128

WELL DEPTH: 28.05 INITIAL WATER LEVEL: 6.47

WELL DIAMETER _____ SCREEN INTERVAL: 15 - 25

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.0

PUMP READINGS: Throttle: 60 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:10	7.55	0.36	0.2	7.68	0.346	1.03	7.4	59.5
13:14	8.25	0.36	1.44	7.48	0.348	0.65	7.49	37.2
13:18	8.42	0.36	1.44	7.22	0.347	0.58	7.37	19.8
13:21	8.42	0.36	1.08	7.46	0.44	0.348	7.45	10
13:24	8.42	0.36	1.08	7.45	0.346	0.35	7.4	8.3
13:27	8.42	0.36	1.08	7.46	0.346	0.3	7.36	7.7
13:30	8.50	0.36	1.08	7.72	0.346	0.26	7.35	7.2

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-128 SampleID: FWGEBGmw-128C-1207-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 13:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>7</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.35</u>	Temperature (°C): <u>7.7</u>	DO (mg/L): <u>0.25</u>
		Specific Conductivity (mS/cm): <u>0.346</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: W AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
40ml/Vial	2	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: ERIE BURNING DATE: 1/20/2009 START TIME: 14:55
WELL ID: EBGmw-129
WELL DEPTH: _____ INITIAL WATER LEVEL: 5.47
WELL DIAMETER _____ SCREEN INTERVAL: 16 - 26
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.0
PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5
COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:00	5.01	0.2	0.5	7.04	0.431	2.04	7.02	453
15:03	5.49	0.2	0.6	6.84	0.433	1.06	6.99	489
15:06	6.50	0.2	0.6	6.69	0.434	0.43	6.98	430

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-129 SampleID: FWGEBGmw-129C-1208-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/20/2009 TIME: 15:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>450</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>
pH: <u>6.99</u>	Temperature (°C): <u>6.99</u>	DO (mg/L): <u>0.05</u>
		Specific Conductivity (mS/cm): <u>0.432</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 21
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: ERIE BURNING DATE: 1/21/2009 START TIME: 11:00
 WELL ID: EBGmw-130
 WELL DEPTH: _____ INITIAL WATER LEVEL: 6.28
 WELL DIAMETER _____ SCREEN INTERVAL: 15.2 - 25.2
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.2
 PUMP READINGS: Throttle: 45 Recharge: 10 Discharge: 5
 COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:02	6.28	0.2	1.5	8.48	0.654	1.91	6.32	562
11:05	6.29	0.2	0.6	8.5	0.631	2.29	6.63	353
11:08	6.29	0.2	0.6	9.22	0.606	2.81	6.83	217
11:11	6.29	0.2	0.6	9.4	0.592	3.02	6.99	172
11:14	6.29	0.2	0.6	8.8	0.586	3.12	7.07	128
11:17	6.29	0.2	0.6	8.85	0.584	3.22	7.08	92.4

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: ERIE BURNIN PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: EBGmw-130 SampleID: FWGEBGmw-130C-1209GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/21/2009 TIME: 11:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>81.7</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>
pH: <u>7.09</u>	Temperature (°C): <u>8.77</u>	DO (mg/L): <u>3.42</u>
		Specific Conductivity (mS/cm): <u>0.582</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 16
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	6	4C	8081	Pest
1L/Amber	6	4C	353.2/8330	Propellants
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	8082	PCB
1L/Poly	3	HNO3	6010/6020/7470	Metals
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: FUZE AND BO

DATE: 1/27/2009

START TIME: 10:45

WELL ID: FBQmw-166

WELL DEPTH: _____

INITIAL WATER LEVEL: 4.9

WELL DIAMETER _____

SCREEN INTERVAL: 5.5 - 15.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 10.5

PUMP READINGS: Throttle: 25

Recharge: 10

Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:54	5.83	0.2	1	5.78	0.97	1.51	6.94	88.5
10:57	5.96	0.2	0.6	5.67	0.97	1.46	7.08	93.6
11:00	6.16	0.2	0.6	5.79	0.97	1.38	7.15	85.5
11:03	6.37	0.2	0.6	5.93	0.96	1.36	7.2	88
11:06	6.46	0.2	0.6	5.78	0.94	1.27	7.27	65.5
11:09	6.55	0.2	0.6	5.71	0.95	1.28	7.27	43.1

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-166 SampleID: FWGFBOmw-166C-1210-GW/GF DuplID: _____
 SplitID: _____ RinselID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 11:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>31.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.28 Temperature (°C): 5.68 DO (mg/L): 1.24 Specific Conductivity (mS/cm): 0.94

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 9:35
 WELL ID: FBQmw-167
 WELL DEPTH: _____ INITIAL WATER LEVEL: 4.79
 WELL DIAMETER _____ SCREEN INTERVAL: 5 - 15
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.0
 PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:44	5.14	0.2	1	7.57	0.561	0.69	5.99	999
9:47	5.25	0.2	0.6	7.92	0.55	0	6.09	529
9:50	5.27	0.2	0.6	8.09	0.544	0	6.11	243
9:53	5.31	0.2	0.6	8.27	0.538	0	6.12	139

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-167 SampleID: FWGFBQmw-167C-1211-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____

MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N

GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 9:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>122</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.12 Temperature (°C): 8.29 DO (mg/L): 0 Specific Conductivity (mS/cm): 0.537

GENERAL INFORMATION

SUN/OVERCAST: CLOUDY PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-168 SampleID: FWGFBQmw-168C-1212-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 12:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>199</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.47</u>	Temperature (°C): <u>8.46</u>	DO (mg/L): <u>1.34</u> Specific Conductivity (mS/cm): <u>0.333</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 19
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 8:20
 WELL ID: FBQmw-169
 WELL DEPTH: _____ INITIAL WATER LEVEL: 5.68
 WELL DIAMETER _____ SCREEN INTERVAL: 5 - 15
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.0
 PUMP READINGS: Throttle: 25 Recharge: 10 Discharge: 5
 COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
8:34	6.16	0.2	1	8.17	0.551	0.82	5.32	907
8:37	6.19	0.2	0.6	7.52	0.543	0.11	5.3	594
8:40	6.24	0.2	0.6	7.16	0.54	0.21	5.3	425
8:43	6.27	0.2	0.6	7.1	0.535	0.36	5.3	341

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-169 SampleID: FWGFBQmw-169C-1213-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 8:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>307</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>
pH: <u>5.31</u>	Temperature (°C): <u>7.06</u>	DO (mg/L): <u>0.48</u>
		Specific Conductivity (mS/cm): <u>0.534</u>

GENERAL INFORMATION

SUN/OVERCAST: CLOUDY PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 8:30

WELL ID: FBQmw-170

WELL DEPTH: _____ INITIAL WATER LEVEL: 20.19

WELL DIAMETER _____ SCREEN INTERVAL: 20 - 30

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.0

PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
8:45	20.58	0.2	1	8.37	0.128	4.64	4.56	19.4
8:48	20.69	0.2	0.6	8.73	0.126	4.49	4.58	13.6
8:51	20.73	0.2	0.6	8.83	0.124	4.54	4.6	13.2

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-170 SampleID: FWGFBQmw-170C-1214-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 8:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>16.6</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 4.57 Temperature (°C): 9.02 DO (mg/L): 4.39 Specific Conductivity (mS/cm): 0.123

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	353.2/8330	Propellants
1L/Amber	6	4C	8270	SVOC
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	8082	PCB
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	8081	Pest
250ml/Poly	3	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 13:15
WELL ID: FBQmw-171
WELL DEPTH: _____ INITIAL WATER LEVEL: 20.45
WELL DIAMETER _____ SCREEN INTERVAL: 18 - 28
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.0
PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5
COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:27	20.51	0.2	1	5.31	0.152	6.42	5.37	9.6
13:30	20.63	0.2	0.6	3.76	0.148	6.09	5.19	6.2
13:33	20.63	0.2	0.6	4.49	0.142	5.12	5.12	2.1
13:36	20.63	0.2	0.6	5.04	0.14	4.3	5.06	1.2
13:39	20.63	0.2	0.6	5.05	0.141	4.28	4.99	0
13:42	20.63	0.2	0.6	4.92	0.142	4.16	4.99	0.3

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-171 SampleID: FWGFBQmw-171C-1214-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 13:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 4.94 Temperature (°C): 4.7 DO (mg/L): 4.07 Specific Conductivity (mS/cm): 0.141

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 12:20
 WELL ID: FBQmw-172
 WELL DEPTH: _____ INITIAL WATER LEVEL: 29.09
 WELL DIAMETER _____ SCREEN INTERVAL: 20 - 30
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.0
 PUMP READINGS: Throttle: 50 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:28	29.22	0.2	1	8.81	0.701	3.74	6.79	223
12:31	29.22	0.2	0.6	8.98	0.704	3.31	6.78	122
12:34	29.23	0.2	0.6	9.23	0.705	3.17	6.76	67.1

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-172 SampleID: FWGFBQmw-172C-1216-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 12:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>45.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.75 Temperature (°C): 9.26 DO (mg/L): 3.02 Specific Conductivity (mS/cm): 0.709

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 13:35

WELL ID: FBQmw-173

WELL DEPTH: _____ INITIAL WATER LEVEL: 45.34

WELL DIAMETER _____ SCREEN INTERVAL: 29.5 - 49.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 39.5

PUMP READINGS: Throttle: 70 Recharge: 10 Discharge: 5

COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:47	45.46	0.2	1	8.32	0.122	9.53	6.79	999
13:50	45.48	0.2	0.6	8.54	0.12	9.58	6.43	999
13:53	45.49	0.2	0.6	8.99	0.119	9.65	6.01	805
13:56	45.52	0.2	0.6	9.08	0.119	9.66	5.81	547
13:59	45.52	0.2	0.6	8.31	0.119	9.69	5.76	398
14:02	45.52	0.2	0.6	8.25	0.118	9.5	5.72	329

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-173 SampleID: FWGFBBQmw-173C-1217-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 14:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>236</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>
pH: <u>5.71</u>	Temperature (°C): <u>8.46</u>	DO (mg/L): <u>9.35</u>
		Specific Conductivity (mS/cm): <u>0.118</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: FUZE AND BO

DATE: 1/27/2009

START TIME: 12:05

WELL ID: FBQmw-174

WELL DEPTH: _____

INITIAL WATER LEVEL: 18.78

WELL DIAMETER _____

SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 15

Recharge: 10

Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:21	18.91	0.2	1	6.8	0.076	7.55	5.3	46.2
12:24	19.01	0.2	0.6	6.81	0.077	7.36	5.26	56.1
12:27	19.09	0.2	0.6	7.04	0.074	7.1	5.23	95.4

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-174 SampleID: FWGFBQmw-174C-1218-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 12:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>99.1</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 5.22 Temperature (°C): 7.63 DO (mg/L): 6.9 Specific Conductivity (mS/cm): 0.073

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 10:55

WELL ID: FBQmw-175

WELL DEPTH: _____ INITIAL WATER LEVEL: 19.73

WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:05	20.05	0.2	1	8.77	0.117	8.12	4.75	696
11:08	20.31	0.2	0.6	9.16	0.114	8.19	4.74	864
11:11	20.53	0.2	0.6	9.28	0.119	8.23	4.64	450
11:14	20.81	0.2	0.6	9.37	0.125	8.25	4.56	239
11:17	21.00	0.2	0.6	9.4	0.126	8.14	4.6	196

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-175 SampleID: FWGFBQmw-175C-1219-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 11:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>188</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 4.51 Temperature (°C): 9.44 DO (mg/L): 8.19 Specific Conductivity (mS/cm): 0.127

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 8:45
 WELL ID: FBQmw-176
 WELL DEPTH: 23.92 INITIAL WATER LEVEL: 9.76
 WELL DIAMETER: _____ SCREEN INTERVAL: 11 - 21
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0
 PUMP READINGS: Throttle: 50 Recharge: 8 Discharge: 7
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
8:51	9.95	0.48	0.2	8.21	0.109	0.31	5.69	2000
8:54	9.95	0.48	1.44	8.16	0.109	0.28	5.91	2000
8:57	9.95	0.48	1.44	8.12	0.11	0.51	5.89	1940
9:01	9.95	0.48	1.92	8.02	0.113	0.66	5.87	1403

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-176 SampleID: FWGFBQmw-176C-1220-GW/GF DuplID: FWGFBQmw-DUP10-1296-GW/GF
 SplitID: FWGFBQmw-176C-1283S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 9:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1159</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>5.81</u>	Temperature (°C): <u>8.03</u>	DO (mg/L): <u>0.82</u>	Specific Conductivity (mS/cm): <u>0.114</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 17
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	8081	Pest
1L/Amber	5	4C	8270	SVOC
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	353.2/8330	Propellants
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	3	4C	8330	Explo
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: FUZE AND BO DATE: 1/27/2009 START TIME: 11:04

WELL ID: FBQmw-177

WELL DEPTH: 24.79 INITIAL WATER LEVEL: 13.56

WELL DIAMETER: _____ SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 50 Recharge: 7 Discharge: 8

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:06	14.00	0.48	0.2	10.39	0.298	0.46	6.59	5999
11:09	14.09	0.48	1.44	10.47	0.302	0.27	6.59	2000
11:13	14.14	0.48	1.92	10.42	0.303	0.28	6.6	873

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-177 SampleID: FWGFBQmw-177C-1221-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 11:17

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>794</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.74</u>	Temperature (°C): <u>10.34</u>	DO (mg/L): <u>0.28</u>	Specific Conductivity (mS/cm): <u>0.302</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 17
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LANDFILL NO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LNWmw-024 SampleID: FWGLNmw-024C-1222-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 12:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>580</u>	Color: <u>TINT</u>	
		Odor: <u>None</u>	

pH: 7.99 Temperature (°C): 7.04 DO (mg/L): 3.02 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LANDFILL NO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LNWmw-025 SampleID: FWGLNmw-025C-1223-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 9:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>325</u>	Color: <u>orange</u>
		Odor: <u>None</u>
pH: <u>6.78</u> Temperature (°C): <u>7.42</u> DO (mg/L): <u>2.43</u> Specific Conductivity (mS/cm): <u>0.407</u>		

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 19
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	6	4C	8081	Pest
1L/Amber	6	4C	8082	PCB
1L/Amber	6	4C	353.2/8330	Propellants
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8270	SVOC
40ml/Vial	9	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LANDFILL NO DATE: 1/27/2009 START TIME: 11:00
 WELL ID: LNWmw-026
 WELL DEPTH: _____ INITIAL WATER LEVEL: 4.33
 WELL DIAMETER _____ SCREEN INTERVAL: 13 - 23
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.0
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:22	4.51	0.1	0.2	6.88	0.362	13.38	7.52	696
11:25	4.78	0.1	0.3	5.42	0.386	13.36	7.27	708
11:28	5.00	0.1	0.3	5.15	0.393	12.97	7.42	539
11:31	5.33	0.1	0.3	5.2	0.391	16.93	7.45	428
11:34	5.55	0.1	0.3	4.91	0.398	17	7.43	357

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LANDFILL NO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LNWmw-026 SampleID: FWGLNBMW-026C-1224-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 11:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>387</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.43 Temperature (°C): 4.81 DO (mg/L): 10.84 Specific Conductivity (mS/cm): 0.399

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 22
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LANDFILL NO DATE: 1/27/2009 START TIME: 8:30

WELL ID: LNWmw-027

WELL DEPTH: _____ INITIAL WATER LEVEL: 7.3

WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:08	8.25	0.2	0.2	6.57	0.525	8.5	6.2	7
9:11	8.47	0.2	0.6	5.89	0.547	9.14	6.5	9.9
9:14	8.80	0.2	0.6	6.13	0.552	8.6	6.7	14.7
9:17	9.20	0.2	0.6	6.19	0.553	8.26	6.85	14.2
9:20	9.43	0.2	0.6	6.1	0.557	7.57	6.82	14.5
9:23	9.74	0.2	0.6	6.19	0.561	7.17	6.89	14.9

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LANDFILL NO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LNWmw-027 SampleID: FWGLNWMW-027C-1225-GW/GF DuplID: FWGLNWMW-DUP11-1269-GW/GF
 SplitID: FWGLNWMW-027C-1284S-GW/G RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 9:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>14.1</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.08</u>	Temperature (°C): <u>6.11</u>	DO (mg/L): <u>7.22</u>
		Specific Conductivity (mS/cm): <u>0.563</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 18
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	8270	SVOC
1L/Amber	5	4C	8081	Pest
1L/Amber	5	4C	8082	PCB
1L/Poly	3	HNO3	6010/6020/7470	Metals
40ml/Vial	9	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: SUSPECTED M

DATE: 1/28/2009

START TIME: 9:30

WELL ID: MBS-001

WELL DEPTH: _____

INITIAL WATER LEVEL: 17.03

WELL DIAMETER _____

SCREEN INTERVAL: 19 - 28.7

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 23.9

PUMP READINGS: Throttle: 50

Recharge: 13

Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:06	17.15	0.2	0.2	9.6	0.582	8.88	6.66	162
10:09	17.17	0.2	0.6	8.41	0.628	8.01	6.76	160
10:12	17.15	0.2	0.6	8.36	0.631	7.22	6.81	159
10:15	17.20	0.2	0.6	8.42	0.63	7.21	6.86	172

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-001 SampleID: FWGMBSMW-001C-1254-GW/GF DuplID: _____
 SplitID: _____ RinselD: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 10:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>181</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.87 Temperature (°C): 8.58 DO (mg/L): 6.03 Specific Conductivity (mS/cm): 0.631

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NW AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: SUSPECTED M DATE: 1/28/2009 START TIME: 9:15

WELL ID: MBS-002

WELL DEPTH: _____ INITIAL WATER LEVEL: 17.95

WELL DIAMETER _____ SCREEN INTERVAL: 18 - 27.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.7

PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:47	18.01	0.2	1	9.95	0.435	0.61	6.21	461
9:50	18.01	0.2	0.6	9.94	0.43	0.59	6.35	469
9:53	18.01	0.2	0.6	10.02	0.426	0.53	6.32	341
9:56	18.01	0.2	0.6	10.1	0.423	0.49	6.4	316

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-002 SampleID: FWGMBSmw-002C-1255-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 10:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>284</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.4 Temperature (°C): 10.06 DO (mg/L): 0.51 Specific Conductivity (mS/cm): 0.422

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8270	SVOC
1L/Amber	6	4C	8082	PCB
1L/Amber	6	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8081	Pest
1L/Amber	3	4C	8330	Explo
40ml/Vial	9	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: SUSPECTED M DATE: 1/28/2009 START TIME: 11:30
 WELL ID: MBS-003
 WELL DEPTH: _____ INITIAL WATER LEVEL: 18.45
 WELL DIAMETER _____ SCREEN INTERVAL: 18.5 - 28.2
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.4
 PUMP READINGS: Throttle: 20 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (ftoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:47	18.63	0.2	1	9.38	0.486	3.7	6.52	8.9
11:50	18.63	0.2	0.6	9.49	0.493	3.69	6.54	0.9
11:53	18.63	0.2	0.6	9.55	0.498	3.73	6.59	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-003 SampleID: FWGMBSmw-003C-1256-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 12:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.64 Temperature (°C): 9.63 DO (mg/L): 3.82 Specific Conductivity (mS/cm): 0.501

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: SUSPECTED M

DATE: 1/28/2009

START TIME: 11:35

WELL ID: MBS-004

WELL DEPTH: _____

INITIAL WATER LEVEL: 16.41

WELL DIAMETER _____

SCREEN INTERVAL: 14.7 - 24.4

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 19.6

PUMP READINGS: Throttle: 40

Recharge: 10

Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:38	16.41	0.2	1	7.41	0.566	0.85	7.37	6.8
11:41	16.41	0.2	0.6	7.44	0.566	0.95	7.38	0.7
11:44	16.41	0.2	0.6	7.47	0.567	1.1	7.38	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-004 SampleID: FWGMBSmw-004C-1257-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 11:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.39</u>	Temperature (°C): <u>7.52</u>	DO (mg/L): <u>1.43</u>
		Specific Conductivity (mS/cm): <u>0.559</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 28
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: SUSPECTED M DATE: 1/28/2009 START TIME: 10:15

WELL ID: MBS-005

WELL DEPTH: _____ INITIAL WATER LEVEL: 17.42

WELL DIAMETER: _____ SCREEN INTERVAL: 18 - 28

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.0

PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
10:24	17.42	0.2	1	9.22	0.697	0.11	6.68	318
10:27	17.42	0.2	0.6	9.21	0.701	0	6.96	247
10:30	17.43	0.2	0.6	9.46	0.701	0	7.06	186
10:33	17.43	0.2	0.6	9.47	0.693	0	7.1	189
10:36	17.45	0.2	0.6	9.62	0.688	0	7.12	168

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-005 SampleID: FWGMBSmw-005C-1258-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 10:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>124</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.13 Temperature (°C): 9.67 DO (mg/L): 0.01 Specific Conductivity (mS/cm): 0.686

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: W AMBIENT TEMP (°F): 28
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: SUSPECTED M DATE: 1/28/2009 START TIME: 11:10

WELL ID: MBS-006

WELL DEPTH: _____ INITIAL WATER LEVEL: 16.83

WELL DIAMETER _____ SCREEN INTERVAL: 16.5 - 26.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.5

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:19	16.83	0.2	0.2	9.2	0.553	9.37	7.28	341
11:28	16.81	0.2	1.8	9.34	0.558	7.34	7.23	338
11:31	16.81	0.2	0.6	9.97	0.555	10.81	7.23	302

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-006 SampleID: FWGMBSMW-006C-1254-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 11:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>268</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.21 Temperature (°C): 9.26 DO (mg/L): 7.94 Specific Conductivity (mS/cm): 0.566

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NW AMBIENT TEMP (°F): 23
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 15:30
 WELL ID: NTAmw-107
 WELL DEPTH: _____ INITIAL WATER LEVEL: 12.7
 WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0
 PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:45	12.64	0.2	0.2	11.23	0.586	16.09	7.11	0
15:48	12.61	0.2	0.6	7.71	0.631	14.51	7.05	0
15:51	12.69	0.2	0.6	6.8	0.657	12.01	6.99	0
15:54	12.63	0.2	0.6	7.04	0.855	9.99	7.07	0
15:57	12.63	0.2	0.6	6.74	0.81	8.05	7.08	0
16:00	12.72	0.2	0.6	6.46	0.823	7.65	7.05	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-107 SampleID: FWGNTAMW-107C-1226-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.09 Temperature (°C): 6.39 DO (mg/L): 7.18 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 15:15
 WELL ID: NTAmw-108
 WELL DEPTH: _____ INITIAL WATER LEVEL: 17.8
 WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0
 PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:25	17.80	0.2	1	8.18	0.566	6.79	6.15	999
15:28	17.80	0.2	0.6	8.79	0.568	6.43	6.28	999
15:31	17.80	0.2	0.6	9.15	0.567	6.38	6.4	999
15:34	17.80	0.2	0.6	9.37	0.572	5.99	6.54	999
15:37	17.80	0.2	0.6	9.33	0.57	5.83	6.63	999
15:40	17.80	0.2	0.6	9	0.573	5.82	6.6	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-108 SampleID: FWGNTAmw-108C-1227-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 15:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>999</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.66 Temperature (°C): 9.87 DO (mg/L): 5.23 Specific Conductivity (mS/cm): 0.577

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 15:10
WELL ID: NTAmw-109
WELL DEPTH: _____ INITIAL WATER LEVEL: 11.97
WELL DIAMETER _____ SCREEN INTERVAL: 8 - 18
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.0
PUMP READINGS: Throttle: 25 Recharge: 10 Discharge: 5
COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:21	11.97	0.2	1	7.24	0.106	3.43	5.84	178
15:24	11.97	0.2	0.6	7.03	0.106	3.06	5.85	179
15:27	11.97	0.2	0.6	6.84	0.106	2.82	5.83	179

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-109 SampleID: FWGNTAmw-109C-1228-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse7-1294-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 15:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>186</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.82 Temperature (°C): 6.74 DO (mg/L): 2.77 Specific Conductivity (mS/cm): 0.107

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 23
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: NACA TEST A DATE: 1/28/2009 START TIME: 9:25
 WELL ID: NTAmw-110
 WELL DEPTH: _____ INITIAL WATER LEVEL: 14.1
 WELL DIAMETER _____ SCREEN INTERVAL: 17 - 27
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.0
 PUMP READINGS: Throttle: 40 Recharge: 13 Discharge: 2
 COMMENTS TINT Odor: None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:33	14.60	0.18	0.25	8.4	0.583	5.42	7.23	890
9:36	15.00	0.18	0.54	8.51	0.577	4.59	7.52	820
9:39	15.41	0.16	0.48	8.52	0.576	4.33	7.67	739
9:42	15.64	0.15	0.45	8.58	0.575	4.42	7.77	634
9:45	15.73	0.15	0.45	8.52	0.572	4.37	7.8	640
9:48	15.79	0.15	0.45	8.49	0.574	4.2	7.85	621

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-110 SampleID: FWGNTAmw-110C-1229-GW/GF DuplID: FWGNTAmw-DUP12-1270-GW/GF
 SplitID: FWGNTAmw-110C-1285S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 10:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>508</u>	Color: <u>TINT</u>
		Odor: <u>None</u>
pH: <u>7.9</u>	Temperature (°C): <u>8.5</u>	DO (mg/L): <u>4.2</u>
		Specific Conductivity (mS/cm): <u>0.571</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: W AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: CAL Cmt: DUP TIMED 1100

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	353.2/8330	Propellants
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8270	SVOC
40ml/Vial	8	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	8081	Pest
250ml/Poly	3	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 1/28/2009 START TIME: 9:46

WELL ID: NTAmw-111

WELL DEPTH: 22.06 INITIAL WATER LEVEL: 3.37

WELL DIAMETER: _____ SCREEN INTERVAL: 9.5 - 19.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.5

PUMP READINGS: Throttle: 50 Recharge: 8 Discharge: 7

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:48	4.55	0.48	0.2	6.47	0.679	1.71	7.05	2.7
9:51	4.75	0.48	1.44	6.9	0.681	1.06	6.98	0
9:54	4.83	0.48	1.44	7.03	0.683	0.78	7	0

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-111 SampleID: FWGNTAmw111C-1230-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse8-1295-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/28/2009 TIME: 10:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.04</u>	Temperature (°C): <u>7.1</u>	DO (mg/L): <u>0.75</u>
		Specific Conductivity (mS/cm): <u>0.682</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: Y WIND DIRECTION: W AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8081	Pest
1L/Amber	6	4C	8270	SVOC
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8082	PCB
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
40ml/Vial	9	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 16:13
 WELL ID: NTAmw-112
 WELL DEPTH: 26.6 INITIAL WATER LEVEL: 8.98
 WELL DIAMETER: _____ SCREEN INTERVAL: 13.9 - 23.9
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.9
 PUMP READINGS: Throttle: 50 Recharge: 6 Discharge: 9
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
16:16	8.98	0.48	0.2	9.17	0.849	2.1	7.21	5999
16:19	8.78	0.48	1.44	9.12	0.894	2.32	7.18	2000
16:22	8.78	0.48	1.44	8.84	0.921	2.72	7.16	2000

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-112 SampleID: FWGNTAmw112C-1231-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 16:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.11 Temperature (°C): 8.04 DO (mg/L): 3.25 Specific Conductivity (mS/cm): 0.917

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 18
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 14:54

WELL ID: NTAmw-113

WELL DEPTH: 29.8 INITIAL WATER LEVEL: 6.92

WELL DIAMETER: _____ SCREEN INTERVAL: 17 - 27

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.0

PUMP READINGS: Throttle: 50 Recharge: 10 Discharge: 5

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:55	5.92	0.24	0.2	5.41	0.715	2.92	7.5	5999
14:58	6.05	0.24	0.72	5.95	0.718	3.02	7.59	5999
15:01	6.05	0.24	0.72	6.4	0.719	3.63	7.6	5999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-113 SampleID: FWGNTAmw-113C-1232-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 15:06

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>5999</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 7.63 Temperature (°C): 6.73 DO (mg/L): 3.47 Specific Conductivity (mS/cm): 0.724

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 19
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: very turbid

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 13:44
 WELL ID: NTAmw-114
 WELL DEPTH: 22.77 INITIAL WATER LEVEL: 6.19
 WELL DIAMETER: _____ SCREEN INTERVAL: 9.5 - 19.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.5
 PUMP READINGS: Throttle: 70 Recharge: 8 Discharge: 7
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:46	6.55	0.5	0.2	9	1.12	1.02	6.89	833
13:49	6.60	0.5	1.5	8.96	1.091	0.65	6.88	402
13:52	6.66	0.5	1.5	8.98	1.046	0.47	6.84	292

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-114 SampleID: FWGNTAmw-114C-1233-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 13:54

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>221</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.82 Temperature (°C): 8.92 DO (mg/L): 0.47 Specific Conductivity (mS/cm): 1.03

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 19
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 13:10

WELL ID: NTAmw-115

WELL DEPTH: _____ INITIAL WATER LEVEL: 13.65

WELL DIAMETER _____ SCREEN INTERVAL: 12.5 - 22.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.5

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:24	14.16	0.2	0.2	8.95	0.535	17.79	7.33	117
13:27	14.70	0.2	0.6	8.62	0.549	13.01	7.32	85.2
13:30	14.83	0.2	0.6	8.42	0.554	10.79	7.3	69.7

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-115 SampleID: FWGNTAMW-115C-1234-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 13:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>56</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.3 Temperature (°C): 8.59 DO (mg/L): 9.72 Specific Conductivity (mS/cm): 0.56

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 24
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: ASD Cmt: 5 Perchlorate for parent, MSMSD, DUP15-1234 @1355 & SPLIT-1234S

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 14:20

WELL ID: NTAmw-116

WELL DEPTH: _____ INITIAL WATER LEVEL: 5.03

WELL DIAMETER _____ SCREEN INTERVAL: 10 - 20

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.0

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:35	5.19	0.2	0.2	12.23	0.189	16	7.27	447
14:38	5.20	0.2	0.6	9.62	0.203	19.68	6.71	362
14:41	5.18	0.2	0.6	7.92	0.206	18.22	6.54	397
14:44	5.22	0.2	0.6	7.81	0.207	9.91	6.46	590
14:47	5.18	0.2	0.6	7.85	0.204	8.37	6.41	637
14:50	5.15	0.2	0.6	7.36	0.206	8.75	6.39	673

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-116 SampleID: FWGNTAMW-116C-1235-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 14:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>698</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.37 Temperature (°C): 7.88 DO (mg/L): 7.52 Specific Conductivity (mS/cm): 0.209

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 14:52
 WELL ID: NTAmw-117
 WELL DEPTH: _____ INITIAL WATER LEVEL: 13.21
 WELL DIAMETER _____ SCREEN INTERVAL: 14.5 - 24.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.5
 PUMP READINGS: Throttle: 40 Recharge: 13 Discharge: 2
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:02	13.34	0.16	0.25	6.56	0.877	5.57	8.56	168
15:05	13.53	0.16	0.48	6.78	0.884	3.99	8.52	135
15:08	13.61	0.16	0.48	7.03	0.886	3.14	8.52	95.4

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-117 SampleID: FWGNTAmw-117C-1236-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 15:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>81.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 8.52 Temperature (°C): 7.13 DO (mg/L): 2.74 Specific Conductivity (mS/cm): 0.889

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 24
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: NACA TEST A DATE: 1/27/2009 START TIME: 13:36
 WELL ID: NTAmw-118
 WELL DEPTH: _____ INITIAL WATER LEVEL: 8.88
 WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0
 PUMP READINGS: Throttle: 35 Recharge: 13 Discharge: 2
 COMMENTS tint Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:44	9.01	0.2	0.25	7.22	0.773	5.16	8.47	461
13:47	9.32	0.18	0.54	7.68	0.767	3.46	8.43	442
13:50	9.38	0.18	0.54	7.8	0.768	2.49	8.45	389

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-118 SampleID: FWGNTAmw-118C-1237-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/27/2009 TIME: 14:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>363</u>	Color: <u>tint</u>
		Odor: <u>None</u>
pH: <u>8.45</u>	Temperature (°C): <u>7.88</u>	DO (mg/L): <u>2.26</u>
		Specific Conductivity (mS/cm): <u>0.769</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 24
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: RAMSDELL QU DATE: 1/19/2009 START TIME: 12:15
 WELL ID: RQLmw-012
 WELL DEPTH: 32.61 INITIAL WATER LEVEL: 23.68
 WELL DIAMETER: _____ SCREEN INTERVAL: 19.8 - 29.8
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.8
 PUMP READINGS: Throttle: 60 Recharge: 5 Discharge: 10
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:29	23.72	0.46	0.2	8.83	0.702	2	5.45	28.2
12:34	23.72	0.46	2.3	8.78	0.67	15.7	5.18	28.2
12:42	23.72	0.46	3.68	8.99	0.665	1.88	5.11	23.7
12:45	23.72	0.46	1.38	8.5	0.675	1.7	5.17	18.2

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: RW

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-012 SampleID: FWGRQLmw-012-1238-GW/GF DuplID: FWGRQLmw-DUP13-1271-GW/GF
 SplitID: FWGRQLmw-012-1286S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 12:51

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>18.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>5.16</u>	Temperature (°C): <u>8.44</u>	DO (mg/L): <u>1.74</u>
		Specific Conductivity (mS/cm): <u>0.67</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: W AMBIENT TEMP (°F): 12
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: RW Cmt: Dup @1500

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	8081	Pest
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	8270	SVOC
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	3	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU DATE: 1/19/2009 START TIME: 14:00

WELL ID: RQLmw-013

WELL DEPTH: _____ INITIAL WATER LEVEL: 27

WELL DIAMETER _____ SCREEN INTERVAL: 23.7 - 33.7

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 28.7

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:16	27.00	0.2	0.2	9.71	0.489	7.45	3.87	546
14:21	27.30	0.2	1	7.5	0.543	7.35	3.81	478
14:25	27.30	0.2	0.8	7.01	0.564	7.21	3.83	465
14:28	27.10	0.2	0.6	6.78	0.577	7.26	3.84	432

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-013 SampleID: FWGRQLMW-013C-1239-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 14:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>432</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>3.84</u>	Temperature (°C): <u>6.78</u>	DO (mg/L): <u>7.26</u>	Specific Conductivity (mS/cm): <u>0.577</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NW AMBIENT TEMP (°F): 5
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8082	PCB
1L/Amber	3	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	8081	Pest
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	8270	SVOC
1L/Poly	3	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU DATE: 1/19/2009 START TIME: 13:02

WELL ID: RQLmw-014

WELL DEPTH: _____ INITIAL WATER LEVEL: 21.42

WELL DIAMETER _____ SCREEN INTERVAL: 18.6 - 28.6

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.6

PUMP READINGS: Throttle: 70 Recharge: 12 Discharge: 2

COMMENTS PUMP FROZEN TRY OPTHER ORANGE Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:18	21.54	0.2	0.2	8.05	0.391	9.1	6.28	535
13:21	21.58	0.2	0.6	8.2	0.389	9.08	6.31	471
13:24	21.63	0.2	0.6	8.3	0.398	8.62	6.32	510

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-014 SampleID: FWGRQLmw-014C-1240-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 13:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>403</u>	Color: <u>ORANGE</u>
		Odor: <u>None</u>
pH: <u>6.34</u>	Temperature (°C): <u>8.48</u>	DO (mg/L): <u>8.39</u>
		Specific Conductivity (mS/cm): <u>0.401</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 10
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU DATE: 1/19/2009 START TIME: 13:00

WELL ID: RQLmw-015

WELL DEPTH: _____ INITIAL WATER LEVEL: 33.3

WELL DIAMETER _____ SCREEN INTERVAL: 29.2 - 39.2

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 34.2

PUMP READINGS: Throttle: 45 Recharge: 11 Discharge: 4

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:06	34.03	0.2	1.5	9.11	0.259	2.13	6.06	433
13:09	34.09	0.2	0.6	9.79	0.254	2.01	6.09	354
13:12	34.28	0.2	0.6	10.14	0.252	2.05	6.05	279
13:15	34.54	0.2	0.6	10.28	0.244	2.12	6.05	194

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-015 SampleID: FWGRQLmw-015C-1241-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse1-1288-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 13:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>117</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.02 Temperature (°C): 10.24 DO (mg/L): 1.87 Specific Conductivity (mS/cm): 0.245

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU DATE: 1/19/2009 START TIME: 12:03

WELL ID: RQLmw-016

WELL DEPTH: _____ INITIAL WATER LEVEL: 36.57

WELL DIAMETER _____ SCREEN INTERVAL: 28.5 - 38.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 33.5

PUMP READINGS: Throttle: 40 Recharge: 10 Discharge: 5

COMMENTS compressor problems Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:46	37.77	0.2	1	8.74	0.214	2.34	6.39	79
12:49	37.86	0.2	0.6	8.64	0.214	2.48	6.43	59.9
12:52	38.01	0.2	0.6	8.52	0.215	2.42	6.47	43.1

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-016 SampleID: FWGRQLmw-016C-1242-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 13:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>20.3</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.5</u>	Temperature (°C): <u>8.74</u>	DO (mg/L): <u>2.3</u>
		Specific Conductivity (mS/cm): <u>0.216</u>

GENERAL INFORMATION

SUN/OVERCAST: cloudy PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU DATE: 1/19/2009 START TIME: 12:07

WELL ID: RQLmw-017

WELL DEPTH: _____ INITIAL WATER LEVEL: 31.52

WELL DIAMETER _____ SCREEN INTERVAL: 19.8 - 29.8

PUMP/PURGING DEVICE: B - BAILER PUMP INTAKE DEPTH: 24.8

PUMP READINGS: Throttle: 0 Recharge: 0 Discharge: 0

COMMENTS water at pump top use bailer, bailed dry Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
12:13	31.98	0.5	0.15	6.87	0.898	10.94	5.23	34.4
12:16	32.48	0.5	1.5	8.37	0.767	9	5.75	96.8

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-017 SampleID: FWGRQLmw-017C-1243-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/19/2009 TIME: 15:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>54</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.6 Temperature (°C): 7.98 DO (mg/L): 9.97 Specific Conductivity (mS/cm): 0.8

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 10
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: bailed dry return throughout day to collect minimum alloquot rtn 1-20 1000, and 1-21 1030

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8270	SVOC
1L/Amber	1	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 15:30
WELL ID: WBGmw-005
WELL DEPTH: _____ INITIAL WATER LEVEL: 5.72
WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 18.3
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.3
PUMP READINGS: Throttle: 25 Recharge: 10 Discharge: 5
COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:34	6.03	0.2	1	7.2	0.389	0.34	6.5	520
15:37	6.21	0.2	0.6	7.43	0.385	0	6.42	409
15:40	6.31	0.2	0.6	7.34	0.383	0	6.31	394
15:43	6.41	0.2	0.6	7.11	0.384	0	6.28	404
15:46	6.48	0.2	0.6	7.53	0.38	0	6.26	418

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>WINKLEPEC</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>WBGmw-005</u>		SampleID: <u>FWGWBGmw-005C-1244-GW/GF</u>		DuplID: _____	
SplitID: _____			RinseID: _____		
MATRIX: <u>WG - Ground Water</u>		SAMPLING METHOD: <u>BP - Bladder Pump</u>		MS/MSD: <u>Y</u>	
GRAB: <u>Y</u>		COMPOSITE: <u>N</u>		DATE: <u>1/26/2009</u> TIME: <u>15:50</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>420</u>		Color: <u>CLOUDY</u>	
				Odor: <u>None</u>	
pH: <u>6.27</u>		Temperature (°C): <u>7.49</u>		DO (mg/L): <u>0.02</u> Specific Conductivity (mS/cm): <u>0.381</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>CLOUDY</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>W</u> AMBIENT TEMP (°F): <u>15</u>	
SHIPPED VIA: <u>Lab Pickup</u>					
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>EC Cmt:</u>					

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8082	PCB
1L/Amber	6	4C	353.2/8330	Propellants
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	8270	SVOC
40ml/Vial	9	HCl	8260	VOC
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8081	Pest
250ml/Poly	3	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 13:55

WELL ID: WBGmw-008

WELL DEPTH: _____ INITIAL WATER LEVEL: 14.63

WELL DIAMETER _____ SCREEN INTERVAL: 8.1 - 18.2

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.2

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:21	14.74	0.2	0.2	9.02	0.696	12.46	7	137
14:24	14.79	0.2	0.6	8.36	0.718	12.18	7.01	122
14:27	14.79	0.2	0.6	8.49	0.721	10.18	7.01	113

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-008 SampleID: FWGWBGMW-008C-1077-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 14:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>105</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 7.02 Temperature (°C): 8.36 DO (mg/L): 9.9 Specific Conductivity (mS/cm): 0.723

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 16:30
 WELL ID: WBGmw-010
 WELL DEPTH: _____ INITIAL WATER LEVEL: 8.12
 WELL DIAMETER _____ SCREEN INTERVAL: 10.5 - 20.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.5
 PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5
 COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
16:35	8.15	0.2	1	9.01	0.661	5.3	6.98	999
16:38	8.15	0.2	0.6	9.37	0.661	3.18	6.88	999
16:41	8.15	0.2	0.6	9.65	0.663	2.12	6.92	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-010 SampleID: FWGWBGmw-010C-1246-GW/GF DuplID: FWGWBGmw-DUP14-1272-GW/GF
 SplitID: FWGWBGmw-010C-1287S-GW/GF RinseID: _____
 MATRIX: - SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 16:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>999</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.98 Temperature (°C): 9.73 DO (mg/L): 1.91 Specific Conductivity (mS/cm): 0.668

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	8081	Pest
40ml/Vial	9	HCl	8260	VOC
1L/Amber	5	4C	8270	SVOC
1L/Amber	5	4C	8082	PCB
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 13:00

WELL ID: WBGmw-011

WELL DEPTH: _____ INITIAL WATER LEVEL: 10.97

WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0

PUMP READINGS: Throttle: 35 Recharge: 10 Discharge: 5

COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:12	10.97	0.2	1	8.51	0.647	2.12	6.78	724
13:15	10.97	0.2	0.6	8.48	0.644	1.37	6.74	608
13:18	10.97	0.2	0.6	8.39	0.647	1.32	6.73	577

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-011 SampleID: FWGWBGmw-011C-1247-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 13:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>545</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>

pH: 6.72 Temperature (°C): 8.53 DO (mg/L): 1.28 Specific Conductivity (mS/cm): 0.645

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 16
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 14:05
WELL ID: WBGmw-012
WELL DEPTH: _____ INITIAL WATER LEVEL: 24.34
WELL DIAMETER _____ SCREEN INTERVAL: 19 - 29
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.0
PUMP READINGS: Throttle: 45 Recharge: 10 Discharge: 5
COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:17	24.87	0.2	1	9.5	0.543	8.78	7.56	709
14:20	24.87	0.2	0.6	9.51	0.542	8.61	7.62	497
14:23	24.91	0.2	0.6	9.52	0.537	8.57	7.63	308

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-012 SampleID: FWGWBGmw-012C-1248-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 14:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>227</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>7.64</u>	Temperature (°C): <u>9.38</u>	DO (mg/L): <u>8.66</u>	Specific Conductivity (mS/cm): <u>0.54</u>

GENERAL INFORMATION

SUN/OVERCAST: CLOUDY PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 15
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 15:38

WELL ID: WBGmw-013

WELL DEPTH: 24.08 INITIAL WATER LEVEL: 12.12

WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0

PUMP READINGS: Throttle: 50 Recharge: 7 Discharge: 8

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:40	12.14	0.48	0.2	9.46	0.315	3.61	6.5	2000
15:43	12.14	0.48	1.44	9.34	0.314	0.314	6.46	2000
15:46	12.14	0.48	1.44	9.53	0.31	3.91	6.41	1788

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-013 SampleID: FWGWBGmw-013C-1249-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 15:47

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1596</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.33</u>	Temperature (°C): <u>9.33</u>	DO (mg/L): <u>3.9</u>
		Specific Conductivity (mS/cm): <u>0.312</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 12
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 15:20

WELL ID: WBGmw-014

WELL DEPTH: _____ INITIAL WATER LEVEL: 16.2

WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2

COMMENTS Clear Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:43	16.24	0.2	0.2	6.99	0.53	11.61	7.45	210
15:46	16.25	0.2	0.6	6.72	0.575	10.74	7.36	140
15:49	16.25	0.2	0.6	6.91	0.59	9.07	7.33	113
15:52	16.25	0.2	0.6	6.89	0.592	9.11	7.32	116

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: ASD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-014 SampleID: FWGWBGMW-014C-1082-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse6-1293-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 15:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>90.1</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.3 Temperature (°C): 6.88 DO (mg/L): 6.73 Specific Conductivity (mS/cm): 0.671

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ASD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 14:10

WELL ID: WBGmw-015

WELL DEPTH: _____ INITIAL WATER LEVEL: 11.51

WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0

PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5

COMMENTS CLOUDY Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
14:21	11.71	0.2	1	6.38	0.619	0.29	6.69	999
14:24	11.71	0.2	0.6	6.62	0.618	0.22	6.71	999
14:27	11.71	0.2	0.6	6.66	0.621	0.02	6.74	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-015 SampleID: FWGWBGmw-015C-1251-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 14:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>999</u>	Color: <u>CLOUDY</u>
		Odor: <u>None</u>

pH: 6.68 Temperature (°C): 7.09 DO (mg/L): 0 Specific Conductivity (mS/cm): 0.624

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 15:10
WELL ID: WBGmw-016
WELL DEPTH: _____ INITIAL WATER LEVEL: 17.33
WELL DIAMETER _____ SCREEN INTERVAL: 13 - 23
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.0
PUMP READINGS: Throttle: 50 Recharge: 13 Discharge: 2
COMMENTS BROWN Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:16	17.34	0.2	0.2	7.9	0.61	11.85	8.21	999
15:19	17.35	0.2	0.6	7.54	0.606	10.17	8.06	900
15:21	17.36	0.2	0.4	7.34	0.615	8.85	8.02	810
15:24	17.37	0.2	0.6	7.24	0.621	7.3	8	800

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-016 SampleID: FWGWBGmw-016C-1252-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 15:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>765</u>	Color: <u>BROWN</u>
		Odor: <u>None</u>

pH: 7.98 Temperature (°C): 7.6 DO (mg/L): 7.21 Specific Conductivity (mS/cm): 0.634

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 20
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: WINKLEPECK DATE: 1/26/2009 START TIME: 15:15
 WELL ID: WBGmw-017
 WELL DEPTH: _____ INITIAL WATER LEVEL: 8.56
 WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0
 PUMP READINGS: Throttle: 15 Recharge: 10 Discharge: 5
 COMMENTS Cloudy Odor:None

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:30	8.61	0.2	1	5.37	0.469	1.12	7.06	999
15:33	8.61	0.2	0.6	5.93	0.463	0.29	7.05	999
15:36	8.61	0.2	0.6	6.22	0.461	0.31	7.05	999
15:39	8.61	0.2	0.6	6.2	0.461	0.62	7.07	999

Note: Condition of the well: See STATIC WATER LEVEL FORM

Field Personnel: AR

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-017 SampleID: FWGWBGmw-017C-1253-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 1/26/2009 TIME: 15:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>999</u>	Color: <u>Cloudy</u>
		Odor: <u>None</u>

pH: 7.06 Temperature (°C): 6.43 DO (mg/L): 0.65 Specific Conductivity (mS/cm): 0.46

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 25
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC

QC Table

Date: 19-Jan

	X					
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun	Clear	Over-Cast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
	X				
Wind	Still	Moder	High	Report No.	
		X			
Humidity	Dry	Moder	Humid	011909	
		X			

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: RQLmw-016, RQLmw-014, RQLmw-013, RQLmw-015, RQLmw-012, and B12mw-011. A field duplicate and QA split sample was collected from RQLmw-012. Extra volume was collected from RQLmw-013 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #4.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 011909

Job No. 30240 Date: 1/19/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. Each team was equipped with a cellular phone. Due to the cold, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

An attempt was made to sample RQLmw-017, B12mw-010, and B12mw-012. Based on the amount of water in each well (i.e., less than 1 foot) these wells could not be purged with bladder pumps. Each well was bailed to obtain volume for field measurements, and remaining volume in the well was collected via bailer to be shipped for analyses. Insufficient volume could be collected at each well, prior to well going dry, to provide lab with enough sample volume for all analyses. Teams will return tomorrow to collect additional sample volume for analyses.

SPECIAL NOTES:

Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover on the ground made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

Date: 20-Jan

	X				
S	M	T	W	T	F

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun X	Clear X	Over-Cast X	Rain	Snow
Temp	To 32 X	32-50	50-70	70-85	85 up
Wind	Still	Moder X	High	Report No. 012009	
Humidity	Dry	Moder X	Humid		

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: EBGmw-123, EBGmw-124, EBGmw-125, EBGmw-129, EBGmw-127, EBGmw-128, CPmw-006, CPmw-002, CPmw-005, CPmw-004, CPmw-003, CPmw-001, CBLmw-002, CBLmw-001, and CBLmw-003. Field duplicate and QA split samples were collected from CPmw-006, CBLmw-003, and EBGmw-127. Extra volume was collected from CBLmw-002 and CPmw-005 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #4.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012009

Job No. 30240 Date: 1/20/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. Each team was equipped with a cellular phone. Due to the cold, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

An attempt was made to sample EBGmw-126 and LL1mw-064; however, both wells were frozen. A team will return tomorrow to attempt to collect samples. RQLmw-017, B12mw-010, and B12mw-012 re-visited to collect additional sample. All aliquots were able to be collected for B12mw-010, but only a VOC aliquot was able to be collected for B12mw-012. It was determined that due to a lack of volume in B12mw-012, and no significant recharge overnight, this would be the only parameter able to be collected from this well for this event. RQLmw-017 was bailed and some volume was collected, but it was determined that this well will have to be finished by going back repeatedly over multiple days to collect required volume due to slow recharge and low water.

SPECIAL NOTES:

Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover on the ground made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

Date: 21-Jan

			X			
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun X	Clear	Over-Cast	Rain	Snow
Temp	To 32 X	32-50	50-70	70-85	85 up
Wind	Still	Moder X	High	Report No. 012109	
Humidity	Dry X	Moder	Humid		

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: EBGmw-130, LL5mw-006, LL5mw-002, LL5mw-001, LL5mw-004, LL5mw-003, RQLmw-017, LL6mw-006, LL6mw-007, LL6mw-005, LL6mw-003, LL6mw-001, LL6mw-002, LL6mw-004, CBLmw-004, CBPmw-002, CBPmw-003, CBPmw-008, CBPmw-001, and CBPmw-004. Field duplicate and QA split samples were collected from LL5mw-006 and CBPmw-004. Extra volume was collected from EBGmw-130 and CBPmw-002 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #5.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012109

Job No. 30240 Date: 1/21/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. Each team was equipped with a cellular phone. Due to the cold, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

EBGmw-126 and LL1mw-064 still frozen. Minimum volumes were able to be collected for RQLmw-017 and are to be shipped to the lab tonight. LL6mw-001 (purging initiated on 1/20/09) and LL6mw-002 were purged initially using a bladder pump until stabilization was achieved. Sample collection at both wells required the use of a bailer to complete due to low water and/or slow recharge. However, sufficient volume was collected for both wells throughout the day and samples will be shipped to the lab tonight.

SPECIAL NOTES:

Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover on the ground made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

Date: 22-Jan

				X		
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun X	Clear	Over-Cast	Rain	Snow
Temp	To 32 X	32-50 X	50-70	70-85	85 up
Wind	Still	Moder X	High	Report No. 012209	
Humidity	Dry	Moder X	Humid		

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: LL10mw-004, LL10mw-001, LL10mw-002, LL10mw-006, LL10mw-005, LL10mw-003, LL9mw-003, LL9mw-005, LL9mw-007, LL9mw-002, LL9mw-004, LL9mw-006, LL9mw-001, LL1mw-064, EBGmw-126, LL8mw-006, LL8mw-005, LL8mw-003, LL8mw-001, LL8mw-002, LL8mw-004, LL5mw-005, LL7mw-006, and LL7mw-001. Field duplicate and QA split samples were collected from LL7mw-006 and LL10mw-006. Extra volume was collected from LL10mw-004 and LL5mw-006 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #2.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012209

Job No. 30240 Date: 1/22/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. Each team was equipped with a cellular phone. Due to the cold, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

EBGmw-126 and LL1mw-064 had thawed enough to sample. Upon receipt of 1/22/09 samples at laboratory, it was determined that a trip blank was not included with VOC samples from Team #4 and that ice was not present in the cooler containing samples for LL9mw-005, which resulted in a temperature non-conformance. LL9mw-005 will be re-sampled on 1/23. The lab was instructed to proceed with analysis of Team #4 VOC samples, despite the absence of a trip blank.

SPECIAL NOTES:

Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover on the ground made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 10 wells.

Date: 23-Jan

					X	
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun X	Clear	Over-Cast	Rain	Snow
Temp	To 32	32-50 X	50-70	70-85	85 up
Wind	Still	Moder X	High	Report No. 012309	
Humidity	Dry	Moder X	Humid		

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: LL7mw-002, LL7mw-003, LL7mw-004, LL7mw-005, LL9mw-005 (re-sample), DA2mw-109, DA2mw-104, LL11mw-003, LL11mw-005, LL11mw-010, LL11mw-008, LL11mw-006, LL11mw-004, and LL11mw-001. A field duplicate and QA split sample was collected from LL11mw-010. Extra volume was collected from LL7mw-003 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #3.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012309

Job No. 30240 Date: 1/23/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. Each team was equipped with a cellular phone. Due to the cold, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Re-sampled LL9mw-005 due to temperature non-conformance from the previous day. Well LL11mw-009 was frozen. In an attempt to thaw this well over the weekend, a black garbage bag was tied over the top of the well casing to absorb radiant heat from the sun.

SPECIAL NOTES:

Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover on the ground made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Demobilize safely from the site and return on Monday. Expectations for Monday are to safely and correctly collect samples from a minimum of 10 wells.

Date: 26-Jan

	X					
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun	Clear	Over-Cast	Rain	Snow
		X	X		
Temp	To 32	32-50	50-70	70-85	85 up
	X				
Wind	Still	Moder	High	Report No. 012609	
		X			
Humidity	Dry	Moder	Humid		
		X			

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: DA2mw-105, DA2mw-106, DA2mw-108, DA2mw-110, DA2mw-111, DA2mw-112, DA2mw-113, WBGmw-011, WBGmw-012, WBGmw-005, WBGmw-016, WBGmw-008, WBGmw-014, WBGmw-015, WBGmw-017, WBGmw-010, and WBGmw-013. Field duplicate and QA split samples were collected from DA2mw-110 and WBGmw-010. Extra volume was collected from WBGmw-005 and DA2mw-106 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #3.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012609

Job No. 30240 Date: 1/26/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. All personnel were advised of special conditions at WBG. Each team was equipped with a cellular phone. Due to the extreme cold expected today, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Due to the extreme cold temperatures, LL11mw-009 was still frozen. This well will continue to be monitored to determine possibility of sampling during the remainder of this sampling event.

SPECIAL NOTES:

Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover on the ground made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

Date: 27-Jan

	X					
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun	Clear	Over-Cast	Rain	Snow
			X		
Temp	To 32	32-50	50-70	70-85	85 up
	X				
Wind	Still	Moder	High	Report No. 012709	
		X			
Humidity	Dry	Moder	Humid		
		X			

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: FBQmw-169, FBQmw-167, FBQmw-166, FBQmw-172, FBQmw-173, FBQmw-170, FBQmw-175, FBQmw-174, FBQmw-171, FBQmw-176, FBQmw-177, FBQmw-168, NTAmw-107, NTAmw-108, NTAmw-109, NTAmw-112, NTAmw-113, NTAmw-114, NTAmw-115, NTAmw-116, NTAmw-117, NTAmw-118, LNWmw-025, LNWmw-024, LNWmw-027, and LNWmw-026. Field duplicate and QA split samples were collected from LNWmw-027, NTAmw-115 (perchlorate only), and FBQmw-176. Extra volume was collected from LNWmw-025, NTAmw-115 (perchlorate only), and FBQmw-170 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #1.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012709

Job No. 30240 Date: 1/27/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. Each team was equipped with a cellular phone. Due to the cold, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Due to the extreme cold temperatures, LL11mw-009 was still frozen. This well will continue to be monitored to determine possibility of sampling during the remainder of this sampling event.

SPECIAL NOTES:

Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover on the ground made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Finish sampling the NTA and complete sampling at MBS. Clean and organize Building 1036. Pack vehicles and leave facility.

Date: 28-Jan

			X			
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun	Clear	Over-Cast	Rain	Snow
	X		X		X
Temp	To 32	32-50	50-70	70-85	85 up
	X				
Wind	Still	Moder	High	Report No.	
	X				
Humidity	Dry	Moder	Humid	012809	
			X		

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Samples were collected at the following locations: MBSmw-004, MBSmw-005, MBSmw-001, MBSmw-006, MBSmw-002, MBSmw-003, NTAmw-110, and NTAmw-111. A field duplicate and QA split sample were collected from NTAmw-110. Extra volume was collected from MBSmw-002 and NTAmw-111 to be designated for matrix spike/matrix spike duplicate analysis at the laboratory. Additionally, a field rinsate was collected by Team #5. Collected samples of IDW (purge and decon water) for lab analysis. Made sure that samples collected today were properly secured and iced, as weather is too inclement for lab to pick-up samples; sample pick-up is scheduled for tomorrow.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012809

Job No. 30240 Date: 1/28/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

All field equipment was calibrated prior to mobilizing to the field. Water quality meters were calibrated with AutoCal Solution - certified values are: Conductivity - 4.49 mS/cm; Turbidity - 0 NTU; pH - 4.0 and 7.0 su. Multigas detector calibrated with Zero Air Standard and 100 ppm Isobutylene. All field equipment was within calibration criteria.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety briefing conducted by Colleen Lear prior to mobilizing to the field - heavy snowfall in the forecast. All personnel to don modified Level 4 PPE (i.e. steel-toed shoes, safety glasses, and nitrile gloves). First Aid kits were included in each vehicle, and personnel were made aware of the location of eyewash stations. Each team was equipped with a cellular phone. Due to the cold, personnel were directed to dress appropriately and watch for signs of exposure. Personnel were also instructed to be alert for ice, heavy snow cover, bad roads, and roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Due to the extreme cold temperatures, LL11mw-009 was still frozen. This well will continue to be monitored to determine possibility of sampling during the remainder of this sampling event.

SPECIAL NOTES:

Extremely heavy snowfall, including blizzard-like conditions, made access to wells (particularly MBS) difficult. Inclement weather caused numerous delays in each sampling team's ability to physically access the monitoring well locations. The large amount of snow cover already on the ground, coupled with rapidly accumulating snow while in the field, made it difficult to manually transport required sampling equipment to the well, and resulted in multiple vehicles becoming stuck. Toboggan type sleds were employed to assist personnel in transporting equipment through the snow. The cold weather also impeded the progress of sampling to the degree that tubing would start to ice up and compressors took awhile to function properly. Sample teams were instructed to maintain purge flow in tubing and transport sampling equipment inside vehicles to warm up when traveling from one sampling location to another, or as necessary for proper operation.

TOMORROWS EXPECTATIONS:

Due to the blizzard-like weather, travel was deemed un-safe. It was determined that the best course of action, upon conclusion of the days field activities, was to stay another night and clean and organize Building 1036 tomorrow.

Date: 29-Jan

				X		
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen Beckham

Project Ravenna Army Ammunition Plant Groundwater Monitoring

Job No. 30240

Contract No. W912QR-04-D-0036

Weather	Bright Sun	Clear	Over-Cast	Rain	Snow
	X		X		X
Temp	To 32	32-50	50-70	70-85	85 up
	X				
Wind	Still	Moder	High	Report No.	
		X			
Humidity	Dry	Moder	Humid	012909	
		X			

SUB-CONTRACTORS ON SITE:

Environmental Quality Management, Inc. & Los Alamos Technical Associates

EQUIPMENT ON SITE:

Six water quality meters (4 Horiba-U22's and 2 MicroPurge Basics); One multigas detector (MSA); Six bladder pumps w/ associated controllers and compressors.

WORK PERFORMED (INCLUDING SAMPLING):

Returned to LL11mw-009 to attempt collection of samples, if possible; well was still frozen. Due to inclement weather from yesterday, lab was unable to pick-up samples. Packed equipment for return back to Cincinnati and cleaned Building 1036 while waiting for lab to arrive.

Project Ravenna Army Ammunition Plant Groundwater Monitoring Report No. 012909

Job No. 30240 Date: 1/29/2009

QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

NA

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Health & Safety de-briefing and close-out conducted by Colleen Lear.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

NA

SPECIAL NOTES:

NA

TOMORROWS EXPECTATIONS:

NA