

APPENDIX C

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

**October 2008 FWGMP Monitoring Well Event
Field Personnel Abbreviations and Signatures Page**

Field Personnel

Name	Affiliation	Initials
Erica Baird	LATA	EB
James Lanier	LATA	JL
Kim Stemen	LATA	KS
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
Lisa Sebesta	EQM	LS
Sam Bugg	EQM	SB
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 MEASUREMENTS

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

OCT 2008

Well Number		Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
B12	MW-010	Building 1200	10/6/2008	15:00	20.35	22.79	hard	5767
B12	MW-011	Building 1200	10/6/2008	15:10	22.63	26.72	hard	5767
B12	MW-012	Building 1200	10/6/2008	15:15	22.46	24.79	hard	5767
CBL	MW-001	C-Block Quarry	10/6/2008	17:30	44.10	49.62	medium	5767
CBL	MW-002	C-Block Quarry	10/6/2008	17:40	38.68	47.29	hard	5767
CBL	MW-003	C-Block Quarry	10/6/2008	17:25	37.22	44.70	hard	5767
CBL	MW-004	C-Block Quarry	10/6/2008	17:20	36.92	46.98	hard	5767
CBP	MW-001	Central Burn Pits	10/6/2008	14:55	14.74	32.68	medium	5767
CBP	MW-002	Central Burn Pits	10/6/2008	14:50	11.06	32.00	hard	5767
CBP	MW-003	Central Burn Pits	10/6/2008	14:30	14.73	30.18	hard	5767
CBP	MW-004	Central Burn Pits	10/6/2008	14:45	12.37	29.59	hard	5767
CBP	MW-005	Central Burn Pits	10/6/2008	14:40	13.50	27.38	hard	5767
CBP	MW-008	Central Burn Pits	10/6/2008	14:25	17.60	27.90	hard	5767
CP	MW-001	Cobbs Pond	10/6/2008	13:40	6.79	14.69	hard	5767
CP	MW-002	Cobbs Pond	10/6/2008	13:45	4.60	14.97	hard	5767
CP	MW-003	Cobbs Pond	10/6/2008	13:35	4.84	17.83	hard	5767
CP	MW-004	Cobbs Pond	10/6/2008	14:05	13.36	22.56	hard	5767
CP	MW-005	Cobbs Pond	10/6/2008	13:50	12.79	43.15	hard	5767
CP	MW-006	Cobbs Pond	10/6/2008	14:15	9.31	20.63	hard	5767
DA2	MW-104	Demo Area 2	10/7/2008	12:45	22.1	29.21	hard	5767
DA2	MW-105	Demo Area 2	10/7/2008	13:00	3.49	16.2	hard	5767
DA2	MW-106	Demo Area 2	10/7/2008	13:05	7.47	16.79	hard	5767
DA2	MW-108	Demo Area 2	10/7/2008	12:55	6.57	17.14	hard	5767
DA2	MW-109	Demo Area 2	10/7/2008	13:38	17.17	24.34	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

OCT 2008

Well Number		Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
DA2	MW-110	Demo Area 2	10/7/2008	13:45	12.22	22.33	hard	5767
DA2	MW-111	Demo Area 2	10/7/2008	13:28	18.70	16.29	hard	5767
DA2	MW-112	Demo Area 2	10/7/2008	13:35	4.48	14.79	hard	5767
DA2	MW-113	Demo Area 2	10/7/2008	13:30	7.80	17.04	hard	5767
DET	MW-003	Demo Area 2	10/7/2008	13:15	9.79	16.01	medium	5767
DET	MW-004	Demo Area 2	10/7/2008	13:20	10.99	13.8	hard	5767
EBG	MW-123	Erie Burning Grounds	10/6/2008	16:35	10.20	34.74	hard	5767
EBG	MW-124	Erie Burning Grounds	10/6/2008	16:45	3.81	32.65	soft	5767
EBG	MW-125	Erie Burning Grounds	10/6/2008	16:30	12.45	27.44	hard	5767
EBG	MW-126	Erie Burning Grounds	10/6/2008	16:15	2.99	27.80	hard	5767
EBG	MW-127	Erie Burning Grounds	10/6/2008	16:50	5.60	32.84	hard	5767
EBG	MW-128	Erie Burning Grounds	10/6/2008	16:55	7.84	28.19	hard	5767
EBG	MW-129	Erie Burning Grounds	10/6/2008	16:20	7.37	31.02	hard	5767
EBG	MW-130	Erie Burning Grounds	10/6/2008	16:25	7.56	28.37	hard	5767
FBQ	MW-166	Fuze and Booster Quarry	10/7/2008	9:30	6.32	19.70	hard	5767
FBQ	MW-167	Fuze and Booster Quarry	10/7/2008	11:50	6.23	18.98	hard	5767
FBQ	MW-168	Fuze and Booster Quarry	10/7/2008	9:23	13.48	21.22	hard	5767
FBQ	MW-169	Fuze and Booster Quarry	10/7/2008	11:45	8.42	18.06	hard	5767
FBQ	MW-170	Fuze and Booster Quarry	10/7/2008	9:20	20.36	32.67	hard	5767
FBQ	MW-171	Fuze and Booster Quarry	10/7/2008	9:18	21.39	31.40	hard	5767
FBQ	MW-172	Fuze and Booster Quarry	10/7/2008	9:15	28.93	34.39	hard	5767
FBQ	MW-173	Fuze and Booster Quarry	10/7/2008	9:10	44.60	51.65	medium	5767
FBQ	MW-174	Fuze and Booster Quarry	10/7/2008	9:05	19.09	22.83	medium	5767
FBQ	MW-175	Fuze and Booster Quarry	10/7/2008	8:55	19.76	25.55	medium	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

OCT 2008

Well Number		Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
FBQ	MW-176	Fuze and Booster Quarry	10/7/2008	9:25	11.18	23.83	soft	5767
FBQ	MW-177	Fuze and Booster Quarry	10/7/2008	9:27	25.75	24.78	soft	5767
LL1	MW-063	Loadline 1	10/6/2008	8:55	28.48	30.05	hard	5767
LL1	MW-064	Loadline 1	10/6/2008	8:15	3.58	21.04	hard	5767
LL1	MW-065	Loadline 1	10/6/2008	8:20	14.23	23.03	medium	5767
LL1	MW-079	Loadline 1	10/6/2008	9:10	33.41	41.87	hard	5767
LL12	MW-088	Loadline 12	10/6/2008	12:45	7.81	27.33	medium	5767
LL12	MW-107	Loadline 12	10/6/2008	12:30	11.11	33.65	hard	5767
LL12	MW-113	Loadline 12	10/6/2008	12:10	8.43	18.25	soft	5767
LL12	MW-128	Loadline 12	10/6/2008	12:25	11.10	34.11	hard	5767
LL12	MW-154	Loadline 12	10/6/2008	13:00	10.59	28.75	medium	5767
LL12	MW-184	Loadline 12	10/6/2008	12:50	13.78	31.34	hard	5767
LL12	MW-185	Loadline 12	10/6/2008	12:40	10.15	23.23	hard	5767
LL12	MW-187	Loadline 12	10/6/2008	12:12	11.71	29.89	hard	5767
LL12	MW-188	Loadline 12	10/6/2008	12:05	8.82	22.12	medium	5767
LL12	MW-189	Loadline 12	10/6/2008	12:00	10.82	19.96	medium	5767
LL12	MW-242	Loadline 12	10/6/2008	11:50	11.77	28.95	medium	5767
LL12	MW-243	Loadline 12	10/6/2008	12:15	10.40	25.14	soft	5767
LL12	MW-244	Loadline 12	10/6/2008	11:55	12.30	29.80	soft	5767
LL12	MW-245	Loadline 12	10/6/2008	12:55	9.24	30.15	medium	5767
LL12	MW-246	Loadline 12	10/6/2008	13:15	17.99	35.00	hard	5767
LL2	MW-060	Loadline 2	10/6/2008	9:52	11.18	17.09	medium	5767
LL2	MW-261	Loadline 2	10/6/2008	9:30	8.09	22.42	hard	5767
LL2	MW-264	Loadline 2	10/6/2008	9:44	10.42	22.34	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

OCT 2008

Well Number		Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
LL2	MW-265	Loadline 2	10/6/2008	9:54	10.84	24.39	hard	5767
LL2	MW-268	Loadline 2	10/6/2008	9:38	16.39	29.81	medium	5767
LL2	MW-270	Loadline 2	10/6/2008	9:25	11.29	22.36	hard	5767
LL3	MW-232	Loadline 3	10/6/2008	10:30	23.35	39.75	hard	5767
LL3	MW-233	Loadline 3	10/6/2008	10:35	28.42	32.72	hard	5767
LL3	MW-234	Loadline 3	10/6/2008	10:42	11.59	22.61	hard	5767
LL3	MW-235	Loadline 3	10/6/2008	10:22	21.82	22.92	hard	5767
LL3	MW-237	Loadline 3	10/6/2008	10:16	19.89	25.53	medium	5767
LL3	MW-240	Loadline 3	10/6/2008	10:45	28.89	36.62	medium	5767
LL3	MW-241	Loadline 3	10/6/2008	10:55	15.20	25.54	hard	5767
LL3	MW-243	Loadline 3	10/6/2008	11:00	17.88	26.31	hard	5767
LL4	MW-193	Loadline 4	10/6/2008	11:10	8.53	24.29	hard	5767
LL4	MW-194	Loadline 4	10/6/2008	11:20	10.75	23.60	hard	5767
LL4	MW-195	Loadline 4	10/6/2008	11:30	11.89	22.88	hard	5767
LL4	MW-200	Loadline 4	10/6/2008	11:35	18.55	25.20	medium	5767
LL5	MW-001	Loadline 5	10/7/2008	12:00	23.27	30.67	hard	5767
LL5	MW-002	Loadline 5	10/7/2008	12:10	21.87	27.03	hard	5767
LL5	MW-003	Loadline 5	10/7/2008	12:15	19.7	25.33	hard	5767
LL5	MW-004	Loadline 5	10/7/2008	12:18	23.55	27.45	medium	5767
LL5	MW-005	Loadline 5	10/7/2008	12:22	21.75	26.98	hard	5767
LL5	MW-006	Loadline 5	10/7/2008	12:30	21.34	23.64	hard	5767
LL6	MW-001	Loadline 6	10/6/2008	18:15	16.48	17.59	hard	5767
LL6	MW-002	Loadline 6	10/6/2008	18:10	22.74	24.43	hard	5767
LL6	MW-003	Loadline 6	10/6/2008	17:55	17.95	25.68	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

OCT 2008

Well Number		Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
LL6	MW-004	Loadline 6	10/6/2008	18:05	18.63	24.45	hard	5767
LNW	MW-024	Landfill North Winklepeck	10/7/2008	11:05	9.15	26.85	medium	5767
LNW	MW-025	Landfill North Winklepeck	10/7/2008	11:15	5.69	20.38	hard	5767
LNW	MW-026	Landfill North Winklepeck	10/7/2008	11:20	14.21	22.51	hard	5767
LNW	MW-027	Landfill North Winklepeck	10/7/2008	11:30	13.32	25.97	hard	5767
MBS	MW-001	Suspect Mustard Area	10/13/2008	10:28	18.4	30.92	hard	5767
MBS	MW-002	Suspect Mustard Area	10/13/2008	10:35	18.87	30.34	hard	5767
MBS	MW-003	Suspect Mustard Area	10/13/2008	10:40	19.55	30.69	hard	5767
MBS	MW-004	Suspect Mustard Area	10/13/2008	10:45	17.63	26.53	hard	5767
MBS	MW-005	Suspect Mustard Area	10/13/2008	10:30	18.64	30	soft	5767
MBS	MW-006	Suspect Mustard Area	10/13/2008	10:25	18.12	28.11	hard	5767
NTA	MW-107	NACA Test Area	10/13/2008	11:05	13.48	24.2	medium	5767
NTA	MW-108	NACA Test Area	10/13/2008	11:10	18.5	24.47	medium	5767
NTA	MW-109	NACA Test Area	10/13/2008	11:16	12.83	20.86	soft	5767
NTA	MW-110	NACA Test Area	10/13/2008	11:19	15.29	29.75	hard	5767
NTA	MW-111	NACA Test Area	10/13/2008	11:24	7.1	22.01	hard	5767
NTA	MW-112	NACA Test Area	10/13/2008	12:10	10.01	26.6	hard	5767
NTA	MW-113	NACA Test Area	10/13/2008	11:30	8.05	29.22	hard	5767
NTA	MW-114	NACA Test Area	10/13/2008	12:00	7.85	22.74	hard	5767
NTA	MW-115	NACA Test Area	10/13/2008	11:50	15.75	25.23	hard	5767
NTA	MW-116	NACA Test Area	10/13/2008	11:45	7.89	22.58	hard	5767
NTA	MW-117	NACA Test Area	10/13/2008	11:38	15.77	27.49	hard	5767
NTA	MW-118	NACA Test Area	10/13/2008	11:33	10.38	24.69	hard	5767
RQL	MW-007	Ramsdell Quarry	10/6/2008	16:10	8.88	18.56	hard	5767

*All measurements from top of casing

COMPREHENSIVE WATER LEVEL MEASUREMENTS

RVAAP FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

OCT 2008

Well Number		Location	Date	Time	Depth To Water*	Depth to Bottom	Description of bottom	Instrument/Serial Number
RQL	MW-008	Ramsdell Quarry	10/6/2008	16:05	8.73	18.60	hard	5767
RQL	MW-009	Ramsdell Quarry	10/6/2008	16:00	7.45	18.80	hard	5767
RQL	MW-012	Ramsdell Quarry	10/6/2008	15:40	24.02	32.63	hard	5767
RQL	MW-013	Ramsdell Quarry	10/6/2008	15:48	27.42	36.41	hard	5767
RQL	MW-014	Ramsdell Quarry	10/6/2008	15:55	21.93	31.05	soft	5767
RQL	MW-015	Ramsdell Quarry	10/6/2008	15:20	33.11	41.99	hard	5767
RQL	MW-016	Ramsdell Quarry	10/6/2008	15:30	31.45	32.70	hard	5767
RQL	MW-017	Ramsdell Quarry	10/6/2008	15:25	36.50	41.64	medium	5767
WBG	MW-005	Winklepeck Burning	10/7/2008	10:35	8.00	21.10	hard	5767
WBG	MW-008	Winklepeck Burning	10/7/2008	10:10	16.16	20.81	hard	5767
WBG	MW-010	Winklepeck Burning	10/7/2008	10:45	9.63	23.30	medium	5767
WBG	MW-011	Winklepeck Burning	10/7/2008	10:55	11.94	23.80	hard	5767
WBG	MW-012	Winklepeck Burning	10/8/2008	14:55	24.30	31.73	medium	OH02911
WBG	MW-013	Winklepeck Burning	10/8/2008	15:40	12.30	24.10	medium	5769
WBG	MW-014	Winklepeck Burning	10/7/2008	10:15	17.68	24.97	hard	5767
WBG	MW-015	Winklepeck Burning	10/7/2008	11:00	14.75	23.42	soft	5767
WBG	MW-016	Winklepeck Burning	10/7/2008	10:22	18.59	25.20	soft	5767
WBG	MW-017	Winklepeck Burning	10/7/2008	10:30	11.69	23.66	medium	5767

*All measurements from top of casing

FIELD LOG BOOK

No. 550 Enviro-Poly Cover
6 32281 55014 2

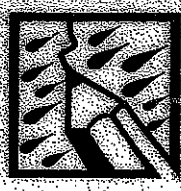
BOOK #1

RVAAR: USACE

RVAAR: USACE



BOOK #1



"Return the Rain."
ALL-WEATHER
ENVIRONMENTAL
No. 550

Location RWAP Date 10-16-08
 Project / Client USACE Clayton
EQM/LATA 50-608 NUS

- 0740 EQM Dnsitz Organization
 upgrade + label bottles
- 0840 EQM - water levels
- 1000 EQM/LATA pack for sample sets
 - Calibrations / H/S meetings
- 1040 LATA to LL1 (0603 goes dry)
- 1115 EQ to LL2
- 1415 Practice EQ to LL3
- 1000 EQ TO LL3, LATA TO LL1
- 1300 PRACTICE TO 1030 to pack coolers
 for LAB pick up
- 1810 LAB PICK UP
- 1830 1030 AM CREWS
- 1850 AM CREWS DEPART
- WORK FROM LL1, LL2, LL3
 + LL4 submitted will continue
 on LL1, LL4 + LL3

Clayton

Location RWAP Date 10-16-08
 Project / Client USACE
Drum Log October 2008 Event

Drum ID	APEA
EQM 2008-13	* Purge Water
EQM 2008-14	* Purge Water
EQM 2008-15	* Purge Water
EQM 2008-16	* Decon Water
EQM 2008-17	* Purge Water
N 1	3 4 5' & x12
N 2	Barrel
N 3	Barrel
N 4	Barrel
N 5	Barrel
N 6	Barrel
N 7	Barrel
N 8	Barrel
N 9	Barrel
N 10	Barrel
N 11	Barrel
N 12	Barrel
N 13	Barrel
N 14	Barrel
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N 45	Barrel
N 46	Barrel
N 47	Barrel
N 48	Barrel
N 49	Barrel
N 50	Barrel

1200

Location RMAP
Project / Client USACE
EQ/LA-1A

Date 10-7-08

- 0715 Onsite, preparations for the day
- 0730 Calibrations
- 0745 #18, pack for W1, 3, 4, 12 + completion of water levels (Parish)
- 1100 U3-235 achieved patrol volume
Keep for bacterial shipment.
Finish U3 (except 235) and LL4
Drove on to LL2
- 1700 Patrol crews to 1036
to prep sample for shipment
- 1800 send out feed exp + have lab pickup noticed, in crews of 15 min.
- 1840

CSK/RS

Location RMAP
Project / Client USACE
EQ/LA-1A

Date 10-8-08

- 0715 ^{all} Onsite, prepare for the day and set up
- 0740 Calibrations of equipment
- 0805 #18, pack for B12, # BQ, NWJ
Some WBS, B12/CAP + U3-235
- 0900 Finalize ^{order} purchase for U3m-235
- 1000 Finish ^{order} U3 site
- 1500 Finish LVA site.
- 1600 order on WBS since Pika needs to restrict our access on Friday
- 1745 Finalize FBO, + ship for Fed BQ
- 1810 Release samples to lab. pickup, organize bottles for Friday
NOTE: only patrol fee for B12-12. must return this bill.

CSK/RS

Location BLAAP Date 10/9/08
Project / Client USACE
LATA/ED

- 0115 Organize for the day
- 0130 Calibrations
- 0800 H+S / Discussion of slow wells
- 0900 work on slow and partial wells
- 1040 continue w/ RQL + CBP + CP + CBP
- 1730 Prep samples for Fed Ex, ship, Fedexp prep samples for Lab pickup.
- 1815 LAB Pickup + organize bottles for Friday
- 1900 OFFSITE

[Signature]

Location BLAAP Date 10/10/08
Project / Client USACE
LATA/ED

- 0110 onsite / organize for the day
- 0140 Calibrations
- 0800 H+S / RQA-restriction discussion
- 1000 sent crews to W891 + W5 + CBP
- 1500 Finalize slow standing wells
- 1500 Return to W891
- 1515 Prep samples
- 1515 Fedexp = LAB pickup.
- 1800 OFFSITE

[Signature]

Location RVAAP

Date 10/13/08

Project / Client USACE

LATA/EDD

0915 onsite organize for thursday

1020 HHS

1030 DA2 wells for sampling.

continue US start EBS.

1130

finish US.

DET-004 slow

DA2-100 slow partial N/S/MS/80

1645

collected 2 sets complete.

1030 to prep samples

1800

for Fed exp. Pump bottles

for Tuesday

1820

LAR pickup / Fed exp.

OFFSITE

[Handwritten signature]

Location RVAAP

Date 10/14/08

Project / Client USACE

LATA/EDD

0715 onsite prep for day + calibrations

0810 HHS for DA2/MS/LLE/MSA.

1220 LLE & DA2 & MS complete

all crews at NVA.

W/L-001 slow partial. -

1500 prep samples for Fed exp

and lab pickup

1730 Fed exp final DC samples

organize warehouse

1900 LAR pickup.

1930 OFFSITE

[Handwritten signature]

Location PIAAP

Project / Client USACE

Date 12-15-08

LATALED

40-605

0730 Onsite organization warehouse

0745 Hqs debrief / close out.

0830 IDW sampling

collect paratrol WU-001 to

unloading.

0900 Eroom warehouse pack.

equip supplies

0945 check out of warehouse w/

Chunhua

1000 OFFSITE / DEMOB

Christie

Location _____

Project / Client _____

Date _____

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STATIC WATER LEVEL MEASUREMENTS

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/6/2008

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LL1mw-064	Loadline 1	21.04	Heron Dipper T	ZS	11:33	3.57		0
Cmt:Good,								
LL1mw-065	Loadline 1	22.89	solinst	KS	12:31	14.29		0
Cmt:Good,								
LL1mw-063	Loadline 1	30.04	Heron Dipper T	ZS	14:25	28.55		0
Cmt:Good, 2ND purge volume on 10-6-08 insufficent to fill flo meter. Bailed again on 10-7-08 at 0852.								
LL1mw-079	Loadline 1	41.74	solinst	KS	14:32	33.49		0
Cmt:Good,								
LL2mw-268	Loadline 2		OH1266	EC	12:00	16.43		0
Cmt:Good,								
LL2mw-261	Loadline 2		OH02911	CAL	12:00	8.11		0
Cmt:Good,								
LL2mw-265	Loadline 2		05769	LS	12:00	10.92		0
Cmt:Good,								
LL2mw-264	Loadline 2		OH1266	EC	13:10	10.42		0
Cmt:Good,								
LL2mw-060	Loadline 2		05769	LS	14:05	11.21		0
Cmt:Good,								
LL2mw-270	Loadline 2		OH02911	CAL	14:31	11.12		0
Cmt:Good,								
LL3mw-232	Loadline 3		OH1266	EC	14:25	23.03		0
Cmt:Good,								
LL3mw-234	Loadline 3		05769	LS	15:33	11.59		0
Cmt:Good,								
LL3mw-233	Loadline 3		OH1266	SB	16:45	24.44		0
Cmt:Good,								
LL4mw-200	Loadline 4	25.03	solinst	KS	16:42	18.48		0
Cmt:Good,								
LL4mw-195	Loadline 4	22.85	Heron Dipper T	ZS	16:45	11.95		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/7/2008

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgrnd)
LL12mw-088	Loadline 12		OH1266	EC	10:20	6.42		0
Cmt:Good,								
LL12mw-188	Loadline 12	21.98	solinst	KS	11:25	7.99		0
Cmt:Good,								
LL12mw-107	Loadline 12		OH1266	EC	11:30	10.71		0
Cmt:Good,								
LL12mw-245	Loadline 12		05769	LS	11:30	9.28		0
Cmt:Good,								
LL12mw-128	Loadline 12		OH02911	CAL	11:39	11.4		0
Cmt:Good,								
LL12mw-244	Loadline 12	29.75	Heron Dipper T	ZS	11:55	12.41		0
Cmt:Good, Slowed pump to 12 s. recharge and 3 s. discharge after 2nd vol purged.								
LL12mw-242	Loadline 12	28.76	solinst	KS	13:25	11.83		0
Cmt:Good, foamy well								
LL12mw-154	Loadline 12	28.73	Heron Dipper T	ZS	13:38	10.75		0
Cmt:Good, water level with pump is 10.11								
LL12mw-184	Loadline 12		OH1266	EC	13:45	14.05		0
Cmt:Good,								
LL12mw-185	Loadline 12		OH02911	CAL	14:13	10.04		0
Cmt:Good, runs intermittant if throttle lowered								
LL12mw-243	Loadline 12		OH02911	CAL	14:37	10.63		0
Cmt:Good,								
LL12mw-113	Loadline 12		OH1266	EC	15:10	8.7		0
Cmt:Good,								
LL12mw-187	Loadline 12		05769	LS	15:25	11.7		0
Cmt:Good,								
LL12mw-246	Loadline 12	34.84	solinst	KS	15:33	18.19		0
Cmt:Good, well is releasing gas, foam on WL meter ie no WL measure								
LL12mw-189	Loadline 12	19.95	Heron Dipper T	ZS	17:35	8.52		0
Cmt:Good, set up but did not purge, equipment malfunction Team 3 to return 10-8-08								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/7/2008

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LL3mw-237	Loadline 3		05769	LS	8:45	19.95		0
Cmt:Good,								
LL3mw-235	Loadline 3		OH02911	CAL	8:57	21.96		0
Cmt:Good, orange, opaque, dry at 0908 1.25L								
LL3mw-243	Loadline 3		OH1266	EC	9:00	17.92		0
Cmt:Good,								
LL3mw-241	Loadline 3		OH02911	CAL	9:28	15.3		0
Cmt:Good,								
LL3mw-240	Loadline 3		05769	LS	10:05	28.87		0
Cmt:Good,								
LL4mw-193	Loadline 4	24.11	solinst	KS	8:45	8.72		0
Cmt:Good,								
LL4mw-194	Loadline 4	23.6	Heron Dipper T	ZS	9:23	10.91		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/8/2008

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-012	Building 120		OH1266	EC	15:15	21.79		0
	Cmt:Good,							
B12mw-011	Building 120		OH1266	EC	16:35	22.07		0
	Cmt:Good,							
CBPmw-005	Central Burn	27.25	solinst	KS	17:10	13.48		0
	Cmt:Good, perch only, needs new tubing							
FBQmw-167	Fuze and Bo		OH1266	EC	8:30	5.97		0
	Cmt:Good,							
FBQmw-170	Fuze and Bo	32.52	solinst	KS	8:40	20.22		0
	Cmt:Good,							
FBQmw-169	Fuze and Bo		OH1266	EC	9:35	8.3		0
	Cmt:Good,							
FBQmw-173	Fuze and Bo	51.65	Heron Dipper T	ZS	10:15	44.27		0
	Cmt:Good,							
FBQmw-166	Fuze and Bo		OH1266	EC	10:50	5.87		0
	Cmt:Good,							
FBQmw-172	Fuze and Bo	34.35	Heron Dipper T	ZS	11:30	28.55		0
	Cmt:Good,							
FBQmw-174	Fuze and Bo	22.7	solinst	KS	12:10	18.78		0
	Cmt:Good, water level is top of pump							
FBQmw-176	Fuze and Bo		OH1266	EC	12:20	10.78		0
	Cmt:Good,							
FBQmw-171	Fuze and Bo	31.39	Heron Dipper T	ZS	13:10	21.06		0
	Cmt:Good,							
FBQmw-175	Fuze and Bo	25.67	solinst	KS	14:00	19.31		0
	Cmt:Good,							
FBQmw-168	Fuze and Bo	21.2	Heron Dipper T	ZS	14:44	13.41		0
	Cmt:Good,							
FBQmw-177	Fuze and Bo	24.85	Heron Dipper T	ZS	15:45	15.62		0
	Cmt:Good,							

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/8/2008

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-024	Landfill North		OH02911	CAL	10:20	14.06		0
Cmt:Good,								
LNWmw-026	Landfill North		05769	LS	10:28	11.58		0
Cmt:Good,								
LNWmw-025	Landfill North		OH02911	CAL	11:40	5.79		0
Cmt:Good,								
LNWmw-027	Landfill North		05769	LS	12:30	8.96		0
Cmt:Good,								
LL12mw-189	Loadline 12		05769	LS	8:25	7.65		0
Cmt:Good,								
WBGmw-012	Winklepeck	31.73	OH02911	CAL	14:55	24.3		0
Cmt:Good,								
WBGmw-013	Winklepeck	24.1	05769	LS	15:40	12.3		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/9/2008

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-010	Building 120		OH1266	EC	9:00	19.85		0
	Cmt:Good,							
CBLmw-004	C-Block Qua		05769	LS	14:50	36.8		0
	Cmt:Good,							
CBLmw-003	C-Block Qua		05769	AD	15:40	37.09		0
	Cmt:Good,							
CBLmw-002	C-Block Qua		OH1266	EC	16:00	38.46		0
	Cmt:Good,							
CBPmw-002	Central Burn	31.86	solinst	KS	9:30	11.47		0
	Cmt:Good,							
CBPmw-003	Central Burn	30.02	solinst	KS	12:15	15.03		0
	Cmt:Good,							
CBPmw-001	Central Burn	32.46	solinst	ZS	15:30	15.06		0
	Cmt:Good,							
CBPmw-004	Central Burn	29.6	Heron Dipper T	ZS	15:58	12.32		0
	Cmt:Good,							
CPmw-005	Cobbs Pond		OH1266	EC	12:15	13.03		0
	Cmt:Good,							
CPmw-006	Cobbs Pond		OH02911	CAL	12:40	9.1		0
	Cmt:Good,							
CPmw-003	Cobbs Pond		05769	LS	12:40	4.9		0
	Cmt:Good,							
CPmw-001	Cobbs Pond		05769	LS	13:55	6.78		0
	Cmt:Good,							
CPmw-004	Cobbs Pond		OH1266	EC	14:40	13.2		0
	Cmt:Good,							
CPmw-002	Cobbs Pond		OH02911	CAL	15:08	4.7		0
	Cmt:Good,							

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/9/2008

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		05769	LS	8:39	23.9		0
Cmt:Good,								
RQLmw-017	Ramsdell Qu	32.69	Heron Dipper T	ZS	9:15	31.11		0
Cmt:Good, Dry at 0917 after approx 2 liters purged.								
RQLmw-016	Ramsdell Qu		OH02911	CAL	9:30	36.25		0
Cmt:Good,								
RQLmw-013	Ramsdell Qu	36.4	Heron Dipper T	ZS	9:35	27.37		0
Cmt:Good,								
RQLmw-008	Ramsdell Qu		OH1266	EC	10:55	8.7		0
Cmt:Good,								
RQLmw-009	Ramsdell Qu		05769	LS	11:00	7.46		0
Cmt:Good,								
RQLmw-007	Ramsdell Qu		OH02911	CAL	11:24	8.85		0
Cmt:Good,								
RQLmw-014	Ramsdell Qu	31.45	Heron Dipper T	ZS	11:40	21.92		0
Cmt:Good,								
RQLmw-015	Ramsdell Qu	41.96	Heron Dipper T	ZS	13:18	32.9		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/10/2008

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-001	C-Block Qua		05769	LS	11:40	44.15		0
Cmt:Good,								
CBPmw-008	Central Burn	27.9	Heron Dipper T	ZS	9:26	17.73		0
Cmt:Good,								
LL5mw-002	Loadline 5	27.25	solinst	EB	8:30	22.68		0
Cmt:Good,								
LL5mw-004	Loadline 5	25.15	solinst	JL/EB	9:55	19.82		0
Cmt:Good,								
LL5mw-001	Loadline 5	26.87	solinst	JL/EB	11:30	21.9		0
Cmt:Good,								
LL5mw-003	Loadline 5	23.93	Heron Dipper T	ZS	11:51	21.45		0
Cmt:Good,								
LL5mw-006	Loadline 5		OH1266	EC	12:25	21.9		0
Cmt:Good,								
WBGmw-015	Winklepeck		05769	LS	8:15	14.8		0
Cmt:Good, good recharge								
WBGmw-010	Winklepeck		OH1266	EC	8:25	9.44		0
Cmt:Good,								
WBGmw-005	Winklepeck		OH02911	CAL	8:45	8.06		0
Cmt:Good,								
WBGmw-016	Winklepeck		05769	AD	9:35	15.62		0
Cmt:Good, good recharge								
WBGmw-017	Winklepeck		05769	AD	10:30	10.73		0
Cmt:Good, look for pink markers, good recharge								
WBGmw-011	Winklepeck		OH1266	EC	11:00	11.98		0
Cmt:Good,								
WBGmw-008	Winklepeck		OH02911	CAL	11:47	16.22		0
Cmt:Good,								
WBGmw-014	Winklepeck	24.86	solinst	JL/EB	13:25	17.72		0
Cmt:Good, flash grenade found in area (blue cap)								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/13/2008

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
DET-004	Demo.Area		OH02911	CAL	10:45	11.03		0
Cmt:Good, dry at 1.3 liters return to sample								
DA2mw-104	Demo.Area		05769	LS	10:45	22.18		0
Cmt:Good,								
DA2mw-108	Demo.Area		OH1266	AR	11:00	6.6		0
Cmt:Good,								
DET-003	Demo.Area		OH02911	CAL	11:02	9.86		0
Cmt:Good,								
DA2mw-105	Demo.Area		05769	LS	11:55	3.6		0
Cmt:Good,								
DA2mw-110	Demo.Area		OH1266	AR	12:15	12.14		0
Cmt:Good,								
DA2mw-106	Demo.Area		OH02911	CAL	12:36	7.57		0
Cmt:Good, trouble slowing the purge								
DA2mw-113	Demo.Area		05769	LS	12:50	8.61		0
Cmt:Good,								
DA2mw-112	Demo.Area		05769	AD	13:40	7.74		0
Cmt:Good,								
DA2mw-109	Demo.Area		OH1266	AR	14:55	17.49		0
Cmt:Good,								
DA2mw-111	Demo.Area		OH02911	CAL	15:14	4.51		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/13/2008

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-126	Erie Burning		Heron Dipper T	TS	9:45	3.68		0
Cmt:Good,								
EBGmw-125	Erie Burning		Heron Dipper T	TS	12:10	12.44		0
Cmt:Good,								
EBGmw-124	Erie Burning		Heron Dipper T	TS	13:00	3.91		0
Cmt:Good,								
EBGmw-130	Erie Burning		05769	LS	13:35	7.58		0
Cmt:Good,								
EBGmw-127	Erie Burning	32.71	solinst	JL/EB	14:20	6.05		0
Cmt:Good,								
EBGmw-123	Erie Burning		Heron Dipper T	TS	14:40	10.42		0
Cmt:Good,								
EBGmw-128	Erie Burning		Heron Dipper T	TS	16:15	8.2		0
Cmt:Good,								
EBGmw-129	Erie Burning	30.89	solinst	JL/EB	17:00	7.41		0
Cmt:Good,								
LL5mw-005	Loadline 5	29.6	solinst	JL/EB	10:40	23.45		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/14/2008

Monitor Well Number	Location	Total Well Depth (ft)	Water Level Indicator	Sampler	Time	Depth to Static Water Level (ft)	Sounding	PID Reading (above bkgnd)
LL6mw-001	Loadline 6		05769	LS	8:00	16.58		0
Cmt:Good, well purged dry								
LL6mw-002	Loadline 6		05769	LS	8:40	22.82		0
Cmt:Good, bailed dry during purging								
LL6mw-003	Loadline 6		05769	LS	9:24	17.98		0
Cmt:Good,								
LL6mw-004	Loadline 6		05769	AD	11:10	18.67		0
Cmt:Good,								
NTAmw-110	NACA Test		Heron Dipper T	TS	8:20	15.31		0
Cmt:Good,								
NTAmw-107	NACA Test	24.17	solinst	JL/EB	8:20	13.41		0
Cmt:Good,								
NTAmw-108	NACA Test	24.32	solinst	JL/EB	10:00	18.46		0
Cmt:Good,								
NTAmw-109	NACA Test	20.75	solinst	JL/EB	11:05	12.81		0
Cmt:Good,								
NTAmw-111	NACA Test		Heron Dipper T	TS	12:00	7.2		0
Cmt:Good,								
NTAmw-117	NACA Test		OH1266	AR	12:55	15.49		0
Cmt:Good,								
NTAmw-113	NACA Test		05769	LS	12:57	8.02		0
Cmt:Good,								
NTAmw-112	NACA Test		OH02911	CAL	13:00	10.02		0
Cmt:Good,								
NTAmw-115	NACA Test	25.15	solinst	JL/EB	13:00	16.17		0
Cmt:Good,								
NTAmw-116	NACA Test		OH1266	AR	14:05	7.85		0
Cmt:Good,								
NTAmw-114	NACA Test		Heron Dipper T	TS	14:45	7.87		0
Cmt:Good,								
NTAmw-118	NACA Test	24.55	solinst	JL/EB	15:13	10.45		0
Cmt:Good,								

MONITOR WELL STATIC WATER LEVEL FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

FIELD BOOK#: 1

DATE: 10/14/2008

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-003	Suspected M		OH1266	EC	8:45	19.37		0
Cmt:Good,								
MBS-002	Suspected M		OH02911	CAL	9:05	18.9		0
Cmt:Good,								
MBS-004	Suspected M		OH1266	AR	10:10	17.61		0
Cmt:Good,								
MBS-005	Suspected M		OH02911	CAL	10:18	18.68		0
Cmt:Good,								
MBS-001	Suspected M		OH02911	CAL	11:06	18.44		0
Cmt:Good, gray								
MBS-006	Suspected M		OH1266	AR	11:10	18.19		0
Cmt:Good,								

FIELD LOG PURGE RECORDS

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: BUILDING 120 DATE: 10/9/2008 START TIME: 9:00

WELL ID: B12mw-010

WELL DEPTH: _____ INITIAL WATER LEVEL: 19.85

WELL DIAMETER _____ SCREEN INTERVAL: 10 - 20

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

PUMP READINGS: Throttle: 35 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)
9:25	20.15	0.2	0.5	12.63	0.18	5.23	5.15	7.1
9:28	20.23	0.2	0.6	12.69	0.172	4.7	5.18	10.2
9:31	20.30	0.2	0.6	12.96	0.167	4.72	5.18	7.5

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-1002-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 9:35

FIELD READINGS / OBSERVATIONS

Turb (NTU): 9.3 Color: Clear

Odor: None

pH: 5.19 Temperature (°C): 12.98 DO (mg/L): 4.76 Specific Conductivity (mS/cm): 0.167

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 55

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: EC Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
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
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: BUILDING 120 DATE: 10/8/2008 START TIME: 16:35
WELL ID: B12mw-011
WELL DEPTH: _____ INITIAL WATER LEVEL: 22.07
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 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)
16:50	22.46	0.1	0.5	12.85	0.194	3.29	5.59	52
16:53	22.57	0.1	0.3	12.85	0.194	2.76	5.41	42
16:56	22.67	0.1	0.3	12.86	0.191	2.63	5.32	31.7
16:59	22.72	0.1	0.3	12.79	0.196	2.51	5.33	29.9

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-011 SampleID: FWGB12mw-011-1003-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 17:05

FIELD READINGS / OBSERVATIONS

Turb (NTU): 29.7 Color: Clear

Odor: None

pH: 5.32 Temperature (°C): 12.81 DO (mg/L): 2.49 Specific Conductivity (mS/cm): 0.191

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 55

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: EC Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
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
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: BUILDING 120 DATE: 10/8/2008 START TIME: 15:15
WELL ID: B12mw-012
WELL DEPTH: _____ INITIAL WATER LEVEL: 21.79
WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0
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)
15:36	22.12	0.1	0.5	13.57	0.488	9.03	6.02	19.3
15:39	22.19	0.1	0.3	13.61	0.486	8.91	6.07	14.7
15:42	22.22	0.1	0.3	13.8	0.484	9	6.11	11.1

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-012 SampleID: FWGB12mw-012C-1004-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 15:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>11.5</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 6.12 Temperature (°C): 13.78 DO (mg/L): 9 Specific Conductivity (mS/cm): 0.484

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
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/Poly	1	HNO3	6010/6020/7470	Metals
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: C-BLOCK QUA DATE: 10/10/2008 START TIME: 11:40
 WELL ID: CBLmw-001
 WELL DEPTH: _____ INITIAL WATER LEVEL: 44.15
 WELL DIAMETER _____ SCREEN INTERVAL: 39 - 49
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 44.0
 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)
11:49	44.26	0.2	0.2	13.2	0.074	11	8.01	323
11:52	44.27	0.2	0.6	12.58	0.074	10.9	7.45	532
11:55	44.30	0.2	0.6	12.33	0.073	10.83	7.19	384
11:58	44.32	0.2	0.6	12.19	0.072	10.76	6.81	254
12:01	44.35	0.2	0.6	12.09	0.072	10.84	6.51	177
12:04	44.37	0.2	0.6	11.99	0.071	10.78	6.11	111
12:07	44.39	0.2	0.6	11.84	0.071	10.82	5.94	98.5
12:10	44.37	0.2	0.6	11.87	0.071	10.79	5.71	81
12:13	44.39	0.2	0.6	11.85	0.071	10.79	5.65	59.5

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

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CBLmw-001 SampleID: FWGCBLmw-001C-1005-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 12:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>61</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>5.61</u>	Temperature (°C): <u>11.77</u>	DO (mg/L): <u>10.82</u>	Specific Conductivity (mS/cm): <u>0.072</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 60

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: LS 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: C-BLOCK QUA DATE: 10/9/2008 START TIME: 16:00
WELL ID: CBLmw-002
WELL DEPTH: _____ INITIAL WATER LEVEL: 38.46
WELL DIAMETER _____ SCREEN INTERVAL: 34.5 - 44.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 39.5
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)
16:12	38.52	0.2	0.5	11.75	0.107	8.49	6	12.4
16:15	38.62	0.2	0.6	11.86	0.107	7.66	5.16	14.2
16:18	38.62	0.2	0.6	11.91	0.107	7.53	4.93	4.7
16:21	38.62	0.2	0.6	11.84	0.107	7.72	4.85	0
16:24	38.62	0.2	0.6	11.79	0.106	7.78	4.82	0
16:27	38.62	0.2	0.6	11.75	0.106	7.92	4.81	0

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

Field Personnel: EC

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CBLmw-002 SampleID: FWGCBLmw-002C-1002-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 16:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>4.8</u>	Temperature (°C): <u>11.71</u>	DO (mg/L): <u>8.01</u>
		Specific Conductivity (mS/cm): <u>0.106</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 65
 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
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: C-BLOCK QUA DATE: 10/9/2008 START TIME: 15:40

WELL ID: CBLmw-003

WELL DEPTH: _____ INITIAL WATER LEVEL: 37.09

WELL DIAMETER _____ SCREEN INTERVAL: 33 - 43

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

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)
15:47	37.12	0.3	1	12.77	0.163	9.37	7.14	426
15:50	37.16	0.3	0.9	12.88	0.161	9	6.73	312
15:53	37.16	0.3	0.9	12.65	0.162	8.97	6.36	196
15:56	37.19	0.3	0.9	12.46	0.16	8.88	6.02	146
15:59	37.22	0.3	0.9	12.29	0.16	8.78	5.73	86
16:02	37.22	0.3	0.9	12.19	0.16	8.77	5.51	47.1
16:05	37.22	0.3	0.9	12.06	0.159	8.79	5.44	30.2
16:08	37.22	0.3	0.9	12.12	0.159	8.75	5.35	17.9
16:11	37.22	0.3	0.9	12.05	0.159	8.8	5.25	6
16:14	37.22	0.3	0.9	12.05	0.159	8.84	5.21	4.8

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

Field Personnel: AD

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CBLmw-003 SampleID: FWGCBLmw-003C-1007-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 16:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.159</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.19 Temperature (°C): 12.03 DO (mg/L): 8.88 Specific Conductivity (mS/cm): 1.43

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
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/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: C-BLOCK QUA DATE: 10/9/2008 START TIME: 14:50
 WELL ID: CBLmw-004
 WELL DEPTH: _____ INITIAL WATER LEVEL: 36.8
 WELL DIAMETER _____ SCREEN INTERVAL: 34 - 44
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 39.0
 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)
16:54	36.88	0.3	1	12.46	0.121	9.16	5.77	529
16:57	36.88	0.3	0.9	12.17	0.121	8.81	5.77	431
17:00	36.88	0.3	0.9	12	0.121	8.69	5.77	402

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

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CBLmw-004 SampleID: FWGCBLmw-004C-1008-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 17:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.121</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>5.77</u>	Temperature (°C): <u>11.89</u>	DO (mg/L): <u>8.61</u>
		Specific Conductivity (mS/cm): <u>0.121</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD Cmt:

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	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
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: CENTRAL BUR DATE: 10/9/2008 START TIME: 15:30

WELL ID: CBPmw-001

WELL DEPTH: 32.46 INITIAL WATER LEVEL: 15.06

WELL DIAMETER: _____ SCREEN INTERVAL: 21.8 - 31.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.8

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)
15:45	14.78	0.16	0.2	15.93	2.66	1.52	6.75	513
15:52	15.91	0.16	1.12	15.76	2.67	1.1	6.79	459
15:55	16.02	0.16	0.48	15.57	2.68	0.89	6.81	400
15:58	15.10	0.16	0.48	15.39	2.69	0.82	6.81	367

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-1009-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>326</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.82</u>	Temperature (°C): <u>15.24</u>	DO (mg/L): <u>0.73</u>	Specific Conductivity (mS/cm): <u>2.68</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: perchlorate collected

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	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide
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: CENTRAL BUR DATE: 10/9/2008 START TIME: 9:30

WELL ID: CBPmw-002

WELL DEPTH: 31.86 INITIAL WATER LEVEL: 11.47

WELL DIAMETER: _____ SCREEN INTERVAL: 19.5 - 29.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.5

PUMP READINGS: Throttle: 240 Recharge: 10 Discharge: 5

COMMENTS grey,cloudy Odor:sulferous

TIME	WATER LEVEL (btoc)	PURGE RATE L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:34	11.93	0.45	0.2	11.12	1.63	3.94	6.52	2000
9:37	13.52	0.45	1.35	11.01	1.63	1.74	6.7	2000
9:40	14.85	0.45	1.35	11.09	1.63	0.89	6.8	732
9:43	16.27	0.45	1.35	11.14	1.62	0.62	6.86	463
9:46	17.21	0.45	1.35	11.15	1.62	0.52	6.88	391

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

Field Personnel: KS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CBPmw-002 SampleID: FWGCBPmw-002C-1010-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 9:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>354</u>	Color: <u>grey,cloudy</u>
		Odor: <u>sulferous</u>
pH: <u>6.9</u>	Temperature (°C): <u>11.18</u>	DO (mg/L): <u>0.48</u>
		Specific Conductivity (mS/cm): <u>1.61</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: perchlorate collected and msmsd

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8081	Pest
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
1L/Amber	6	4C	8270	SVOC
1L/Amber	6	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: CENTRAL BUR DATE: 10/9/2008 START TIME: 12:15
WELL ID: CBPmw-003
WELL DEPTH: 30.02 INITIAL WATER LEVEL: 15.03
WELL DIAMETER _____ SCREEN INTERVAL: 14.5 - 24.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.5
PUMP READINGS: Throttle: 240 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)
12:15	14.68	0.5	0.2	12.06	1.56	5.96	6.85	105
12:18	17.02	0.5	2.5	11.9	1.54	2.36	6.91	60.4
12:21	17.94	0.5	1.5	11.96	1.53	0.89	6.95	43.6
12:24	18.62	0.5	1.5	11.98	1.53	0.7	6.94	40.6

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

Field Personnel: KS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CBPmw-003 SampleID: FWGCBPmw-003C-1011-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 12:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>38.4</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.96</u>	Temperature (°C): <u>12.01</u>	DO (mg/L): <u>0.57</u>	Specific Conductivity (mS/cm): <u>1.54</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: perchlorate collected

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/Amber	2	4C	353.2/8330	Propellants
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: CENTRAL BUR DATE: 10/9/2008 START TIME: 15:58
WELL ID: CBPmw-004
WELL DEPTH: 29.6 INITIAL WATER LEVEL: 12.32
WELL DIAMETER: _____ SCREEN INTERVAL: 17 - 27
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.0
PUMP READINGS: Throttle: 50 Recharge: 5 Discharge: 10
COMMENTS Cloudy yellow 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)
16:14	12.60	0.4	0.2	14.37	0.743	2.31	6.47	5999
16:17	12.60	0.4	1.2	12.55	0.749	0.41	6.85	5999
16:20	12.61	0.4	1.2	12.25	0.74	0.45	6.97	5999
16:23	12.61	0.4	1.2	12.23	0.73	0.31	7.02	5999

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-004 SampleID: FWGCBPmw-004C-1012-GW/GF DuplID: FWGCBPmw-DUP11-1089-GW/GF
 SplitID: FWGCBPmw-004C-1112S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 16:27

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>5999</u>	Color: <u>Cloudy yellow</u>
		Odor: <u>None</u>
pH: <u>6.47</u>	Temperature (°C): <u>14.37</u>	DO (mg/L): <u>2.31</u>
		Specific Conductivity (mS/cm): <u>0.73</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 75
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: ZS Cmt: 3 perchlorate samples collected.

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	8081	Pest
1L/Poly	3	HNO3	6010/6020/7470	Metals
40ml/Vial	10	HCl	8260	VOC
1L/Amber	5	4C	8082	PCB
1L/Amber	6	4C	8270	SVOC
1L/Amber	5	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: CENTRAL BUR DATE: 10/8/2008 START TIME: 17:10
 WELL ID: CBPmw-005
 WELL DEPTH: 27.25 INITIAL WATER LEVEL: 13.48
 WELL DIAMETER: _____ SCREEN INTERVAL: 14.5 - 24.5
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.5
 PUMP READINGS: Throttle: 240 Recharge: 10 Discharge: 5
 COMMENTS perch only, needs new tubing light grey 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)
17:15	13.57	0.475	0.2	12.33	0.873	4.85	5.76	5999
17:21	13.64	0.475	0.2	12.24	0.871	4.8	5.64	5999
17:25	13.77	0.475	1.9	11.81	0.871	2.23	6.41	5999
17:28	13.75	0.475	1.425	11.67	0.803	1.4	6.7	2000
17:31	13.78	0.475	1.425	11.55	0.752	0.87	6.92	1015
17:34	13.80	0.475	1.425	11.54	0.726	0.66	7.02	661
17:37	13.79	0.475	1.425	11.55	0.709	0.57	7.09	466
17:40	13.77	0.475	1.425	11.5	0.695	0.49	7.15	341
17:42	13.78	0.475	0.95	11.5	0.692	0.46	7.16	307

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

Field Personnel: KS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CBPmw-005 SampleID: FWGCBPmw-005C-1092-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 17:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>322</u>	Color: <u>light grey cloudy</u>
		Odor: <u>None</u>

pH: 7.18 Temperature (°C): 11.54 DO (mg/L): 0.45 Specific Conductivity (mS/cm): 0.692

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NE AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: perchlorate collected only, field filtered

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	None		Perchlorates

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: CENTRAL BUR DATE: 10/10/2008 START TIME: 9:26
 WELL ID: CBPmw-008
 WELL DEPTH: 27.9 INITIAL WATER LEVEL: 17.73
 WELL DIAMETER: _____ SCREEN INTERVAL: 15 - 25
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.0
 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)
9:38	17.99	0.12	0.2	10.6	1.94	1.59	6.87	120
9:41	18.11	0.12	0.36	10.5	1.94	1.37	6.89	103
9:44	18.09	0.12	0.36	10.4	1.94	1.23	6.91	82.6

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-008 SampleID: FWGCBPmw-008C-1013-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 9:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>82.6</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.91 Temperature (°C): 10.4 DO (mg/L): 1.23 Specific Conductivity (mS/cm): 1.94

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 53
 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
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
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: COBBS POND DATE: 10/9/2008 START TIME: 13:55
WELL ID: CPmw-001
WELL DEPTH: _____ INITIAL WATER LEVEL: 6.78
WELL DIAMETER _____ SCREEN INTERVAL: 5.5 - 15.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.5
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)
14:05	6.82	0.3	0.2	15.48	0.744	2.98	7.02	105
14:08	6.95	0.3	0.9	14.91	0.744	1.48	7.01	108
14:11	7.05	0.3	0.9	14.82	0.744	1.84	7.02	102

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CPmw-001 SampleID: FWGCPmw-001C-1014-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 14:15

FIELD READINGS / OBSERVATIONS

Turb (NTU):	101	Color:	Clear
		Odor:	None

pH: 7.02 Temperature (°C): 14.79 DO (mg/L): 2.03 Specific Conductivity (mS/cm): 0.743

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
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
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: COBBS POND DATE: 10/9/2008 START TIME: 15:08
WELL ID: CPmw-002
WELL DEPTH: _____ INITIAL WATER LEVEL: 4.7
WELL DIAMETER _____ SCREEN INTERVAL: 5.5 - 15.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.5
PUMP READINGS: Throttle: 50 Recharge: 12 Discharge: 3
COMMENTS slight gray 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)
15:12	4.90	0.2	0.2	13.93	0.9	5.53	7.55	195
15:15	5.02	0.2	0.6	13.09	0.999	4.35	7.34	165
15:18	5.11	0.2	0.6	12.93	0.9	3.18	7.12	160
15:21	5.18	0.2	0.6	13.03	0.9	2.39	7.08	130
15:24	5.19	0.2	0.6	13.03	0.999	2.2	7.04	116

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-1015-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 15:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>101</u>	Color: <u>slight gray tint</u>
		Odor: <u>None</u>

pH: 7.02 Temperature (°C): 13.07 DO (mg/L): 1.45 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorates collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
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: COBBS POND DATE: 10/9/2008 START TIME: 12:40
WELL ID: CPmw-003
WELL DEPTH: _____ INITIAL WATER LEVEL: 4.9
WELL DIAMETER _____ SCREEN INTERVAL: 8 - 18
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.0
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)
12:53	5.10	0.2	1	18.21	0.551	1.58	6.72	0
12:56	5.40	0.2	0.6	17.88	0.535	1.45	6.86	0
12:59	5.50	0.2	0.6	17.77	0.533	1.94	6.95	0
13:02	5.60	0.2	0.6	17.77	0.532	2.37	7	0
13:05	5.65	0.2	0.6	17.76	0.532	2.37	7.04	0

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CPmw-003 SampleID: FWGCPmw-003C-1016-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 13:15

FIELD READINGS / OBSERVATIONS

Turb (NTU): 0.532 Color: Clear

Odor: None

pH: 7.05 Temperature (°C): 17.8 DO (mg/L): 2.82 Specific Conductivity (mS/cm): 0.532

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: AD Cmt: perchlorate collected

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	8081	Pest
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
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: COBBS POND DATE: 10/9/2008 START TIME: 14:40

WELL ID: CPmw-004

WELL DEPTH: _____ INITIAL WATER LEVEL: 13.2

WELL DIAMETER _____ SCREEN INTERVAL: 9.5 - 19.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.5

PUMP READINGS: Throttle: 30 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)
14:47	13.44	0.2	0.5	14.52	0.629	3.9	6.85	6.7
14:50	13.64	0.2	0.6	13.81	0.608	3.79	6.65	8
14:53	13.68	0.2	0.6	13.59	0.593	4.52	6.67	6.9
14:56	13.86	0.2	0.6	13.52	0.578	5.04	6.71	3.9

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

Field Personnel: EC

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CPmw-004 SampleID: FWGCPmw-004C-1017-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 15:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1.7</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.74 Temperature (°C): 13.47 DO (mg/L): 5.19 Specific Conductivity (mS/cm): 0.574

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt: perchlorate collected

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/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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: COBBS POND DATE: 10/9/2008 START TIME: 12:15
WELL ID: CPmw-005
WELL DEPTH: _____ INITIAL WATER LEVEL: 13.03
WELL DIAMETER _____ SCREEN INTERVAL: 29.5 - 39.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 34.5
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)
12:36	13.51	0.2	0.5	13.38	0.6	2.32	6.58	34
12:39	13.84	0.2	0.6	13.19	0.597	1.99	6.7	18.4
12:42	14.08	0.2	0.6	13.05	0.597	1.95	6.77	11.6
12:45	14.19	0.2	0.6	13.02	0.597	2.01	6.82	15
12:48	14.26	0.2	0.6	13.01	0.596	1.99	6.85	12.2

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

Field Personnel: EC

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: CPmw-005 SampleID: FWGCPmw-005C-1018-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 12:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>12.2</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.86</u>	Temperature (°C): <u>12.99</u>	DO (mg/L): <u>2.05</u>
		Specific Conductivity (mS/cm): <u>0.598</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	6	4C	8081	Pest
40ml/Vial	9	HCl	8260	VOC
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	6	4C	8082	PCB
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: COBBS POND DATE: 10/9/2008 START TIME: 12:40

WELL ID: CPmw-006

WELL DEPTH: _____ INITIAL WATER LEVEL: 9.1

WELL DIAMETER _____ SCREEN INTERVAL: 8 - 18

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

PUMP READINGS: Throttle: 60 Recharge: 12 Discharge: 3

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)
12:48	9.21	0.2	0.2	16.44	0.9	5.66	6.91	999
12:51	9.34	0.2	0.6	16.43	0.99	3.42	6.95	999
12:54	9.38	0.2	0.6	16.62	0.999	1.02	6.9	900
12:57	9.42	0.2	0.6	16.32	0.9	0.88	6.88	801

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-1019-GW/GF DupID: FWGCPmw-DUP12-1099-GW/GF
 SplitID: FWGCPmw-006C-1113S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 13:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>550</u>	Color: <u>gray</u>
		Odor: <u>None</u>
pH: <u>6.69</u>	Temperature (°C): <u>16.16</u>	DO (mg/L): <u>1.01</u>
		Specific Conductivity (mS/cm): <u>0.9</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: CAL Cmt: turbidity cleaned up during sampling, 3 perchlorates collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	8270	SVOC
1L/Amber	5	4C	8082	PCB
40ml/Vial	8	HCl	8260	VOC
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	5	4C	8081	Pest
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: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 10:45

WELL ID: DA2mw-104

WELL DEPTH: _____ INITIAL WATER LEVEL: 22.18

WELL DIAMETER _____ SCREEN INTERVAL: 16.3 - 26.3

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

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)
10:54	22.30	0.3	0.2	13.71	0.507	8.54	6.26	349
10:57	22.30	0.2	0.6	14.11	0.509	7.92	6.44	176
11:00	22.30	0.2	0.6	14.13	0.521	7.78	6.6	191
11:03	22.30	0.2	0.6	14.08	0.522	7.69	6.74	164
11:06	22.30	0.2	0.6	14.08	0.518	7.62	6.93	103
11:09	22.30	0.2	0.6	13.96	0.516	7.68	7.03	64.6

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: DA2mw-104 SampleID: FWGDA2mw-104C-1022-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 11:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>64.6</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.03</u>	Temperature (°C): <u>13.96</u>	DO (mg/L): <u>7.68</u>
		Specific Conductivity (mS/cm): <u>0.516</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: perchlorate collected

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 11:55

WELL ID: DA2mw-105

WELL DEPTH: _____ INITIAL WATER LEVEL: 3.6

WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 13.3

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

PUMP READINGS: Throttle: 30 Recharge: 10 Discharge: 5

COMMENTS 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)
12:02	3.68	0.2	0.2	14.79	0.922	2.23	6.97	210
12:05	3.69	0.2	0.6	14.71	0.93	1.1	6.96	855
12:08	3.70	0.2	0.6	14.48	0.934	0.62	6.98	758

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: DA2mw-105 SampleID: FWGDA2mw-105C-1023GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 12:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.932</u>	Color: <u>Orange</u>
		Odor: <u>None</u>
pH: <u>6.98</u>	Temperature (°C): <u>14.5</u>	DO (mg/L): <u>0.57</u> Specific Conductivity (mS/cm): <u>0.731</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD Cmt: perchlorate collected

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	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 12:36
 WELL ID: DA2mw-106
 WELL DEPTH: _____ INITIAL WATER LEVEL: 7.57
 WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 15.3
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.8
 PUMP READINGS: Throttle: 60 Recharge: 12 Discharge: 3
 COMMENTS trouble slowing the 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)
12:47	7.83	0.2	0.2	15.12	1.15	8.81	7.1	147
12:50	8.68	0.18	0.54	15.24	1.13	6.21	6.98	134
12:53	9.12	0.16	0.48	15.46	1.13	5.89	6.92	132
12:56	9.55	0.16	0.48	15.68	1.12	5.74	6.9	126

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-1024-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse6-1026-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 13:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>122</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.91</u>	Temperature (°C): <u>15.57</u>	DO (mg/L): <u>5.86</u>
		Specific Conductivity (mS/cm): <u>1.12</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorate collected on rinse for daily QC, well went dry at end of sampling

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 11:00
WELL ID: DA2mw-108
WELL DEPTH: _____ INITIAL WATER LEVEL: 6.6
WELL DIAMETER _____ SCREEN INTERVAL: 9.3 - 14.3
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.8
PUMP READINGS: Throttle: 30 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)
11:07	6.75	0.2	1	12.96	0.707	5.35	5.98	285
11:10	6.75	0.2	0.6	12.96	0.698	4.59	6.03	264
11:13	6.75	0.2	0.6	12.9	0.687	4.02	6.11	230
11:16	6.75	0.2	0.6	12.88	0.676	3.75	6.18	168
11:19	6.75	0.2	0.6	12.86	0.675	3.66	6.21	149

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-108 SampleID: FWGDA2mw-108C-1025-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 11:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>106</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.25</u>	Temperature (°C): <u>12.81</u>	DO (mg/L): <u>3.64</u>
		Specific Conductivity (mS/cm): <u>0.673</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 60
 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/Poly	1	HNO3	6010/6020/7470	Metals
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/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 14:55

WELL ID: DA2mw-109

WELL DEPTH: _____ INITIAL WATER LEVEL: 17.49

WELL DIAMETER _____ SCREEN INTERVAL: 11.3 - 21.3

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

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)
15:00	17.59	0.2	1	13.77	0.752	6.85	6.33	285
15:03	17.59	0.2	0.6	13.73	0.75	6.26	6.35	275
15:06	17.59	0.2	0.6	13.67	0.743	5.61	6.37	297

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-109 SampleID: FWGDA2mw-109C-1026-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 15:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>280</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.38</u>	Temperature (°C): <u>13.66</u>	DO (mg/L): <u>5.47</u>
		Specific Conductivity (mS/cm): <u>0.744</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 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
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/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: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 12:15

WELL ID: DA2mw-110

WELL DEPTH: _____ INITIAL WATER LEVEL: 12.14

WELL DIAMETER _____ SCREEN INTERVAL: 9.3 - 19.3

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

PUMP READINGS: Throttle: 30 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)
12:24	12.50	0.2	1	16.52	0.416	5.12	6.81	5.5
12:27	12.51	0.2	0.6	16.79	0.416	4.8	6.82	6
12:30	12.51	0.2	0.6	17.01	0.417	4.57	6.86	5.5

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-1027-GW/GF DuplID: FWGDA2mw-DUP8-1100-GW/GF

SplitID: FWGDA2mw-110C-1114S-GW/GF RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 12:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>5.3</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.87</u>	Temperature (°C): <u>17.15</u>	DO (mg/L): <u>4.43</u>	Specific Conductivity (mS/cm): <u>0.417</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 65

SHIPPED VIA: Lab PU/FedEx

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	8081	Pest
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8082	PCB
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	353.2/8330	Propellants
40ml/Vial	8	HCl	8260	VOC
1L/Amber	6	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 15:14

WELL ID: DA2mw-111

WELL DEPTH: _____ INITIAL WATER LEVEL: 4.51

WELL DIAMETER _____ SCREEN INTERVAL: 7.1 - 12.1

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 9.6

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)
15:17	4.64	0.2	0.2	14.57	0.9	9.69	7.64	130
15:20	5.71	0.18	0.54	14.12	0.9	11.55	7.26	116
15:23	6.12	0.16	0.48	14.39	0.9	7.37	7.27	111
15:26	6.34	0.15	0.45	14.47	0.9	2.42	7.26	123

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-111 SampleID: FWGDA2mw-111C-1028-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 15:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>110</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.24</u>	Temperature (°C): <u>14.39</u>	DO (mg/L): <u>5.86</u>
		Specific Conductivity (mS/cm): <u>0.9</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 75
 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/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 13:40
WELL ID: DA2mw-112
WELL DEPTH: _____ INITIAL WATER LEVEL: 7.74
WELL DIAMETER _____ SCREEN INTERVAL: 8.8 - 13.8
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.3
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)
13:50	8.13	0.2	1	15.42	0.999	0.99	7.03	20.7
13:53	8.13	0.2	0.6	15.23	0.9	0.13	7.02	8.7
13:56	8.13	0.2	0.6	15.16	0.9	0.34	7.02	11.8

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

Field Personnel: AD

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: DA2mw-112 SampleID: FWGDA2mw-112C-1029-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 14:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.9</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.03</u>	Temperature (°C): <u>15.23</u>	DO (mg/L): <u>0.23</u>
		Specific Conductivity (mS/cm): <u>0.99</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 75
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS 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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 12:50
 WELL ID: DA2mw-113
 WELL DEPTH: _____ INITIAL WATER LEVEL: 8.61
 WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 13.3
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.8
 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)
13:02	8.66	0.2	0.2	14.86	0.9	1.95	7.03	428
13:05	8.67	0.2	0.6	14.63	0.9	0.08	7	84.8
13:08	8.67	0.2	0.6	14.69	0.999	0	6.94	117

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP	LOCATION: DEMO.AREA	PROJECT NO.: 030240.0006
SAMPLE INFORMATION		
WELL: DA2mw-113	SampleID: FWGDA2mw-113C-1030-GW/GF	DupIID: _____
	SplitID: _____	RinseID: _____
MATRIX: WG - Ground Water	SAMPLING METHOD: BP - Bladder Pump	MS/MSD: N
GRAB: Y	COMPOSITE: N	DATE: 10/13/2008 TIME: 13:15

FIELD READINGS / OBSERVATIONS			
	Turb (NTU):	101	Color: Clear
			Odor: None
pH: 7.04	Temperature (°C): 14.75	DO (mg/L): 0.25	Specific Conductivity (mS/cm): 0.999

GENERAL INFORMATION			
SUN/OVERCAST: Sunny	PERCIPITATION: N	WIND DIRECTION: SW	AMBIENT TEMP (°F): 65
SHIPPED VIA: Lab Pickup			
SHIPPED TO: Testamerica			
SAMPLER: LS Cmt:			

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
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
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 11:02
 WELL ID: DET-003
 WELL DEPTH: _____ INITIAL WATER LEVEL: 9.86
 WELL DIAMETER _____ SCREEN INTERVAL: _____
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 0.0
 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)
11:04	9.95	0.2	0.2	15.51	0.999	6.74	6.65	151
11:07	9.90	0.2	0.6	14.68	0.9	5.84	7.1	81.8
11:10	9.90	0.2	0.6	14.31	0.9	1.5	7.09	26.8
11:13	9.90	0.2	0.6	14.21	0.99	2.99	7.25	12.5
11:16	9.93	0.2	0.6	13.98	0.999	3.16	7.31	10.6
11:19	9.92	0.2	0.6	13.97	0.999	2.93	7.34	15.4

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: DET-003 SampleID: FWGDET-003C-1020-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>15.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.37 Temperature (°C): 13.93 DO (mg/L): 2.87 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL 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	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
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: DEMO.AREA 2 DATE: 10/13/2008 START TIME: 10:45

WELL ID: DET-004

WELL DEPTH: _____ INITIAL WATER LEVEL: 11.03

WELL DIAMETER _____ SCREEN INTERVAL: -

PUMP/PURGING DEVICE: B - BAILER PUMP INTAKE DEPTH: 0.0

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

COMMENTS dry at 1.3 liters return to sample 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)
10:46	12.78	0.5	0.75	15.02	0.9	10.03	6.98	6.8
10:47	13.87	0.5	0.5	15.1	0.9	7.85	6.92	3.2

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: DET-004 SampleID: FWGDET-004C-1021-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 12:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>9.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7</u>	Temperature (°C): <u>15.23</u>	DO (mg/L): <u>11.03</u>
		Specific Conductivity (mS/cm): <u>0.9</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: sampled through out day, return 1000 on 10-14 to collect rest of minimum

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: ERIE BURNING DATE: 10/13/2008 START TIME: 14:40
WELL ID: EBGmw-123
WELL DEPTH: _____ INITIAL WATER LEVEL: 10.42
WELL DIAMETER _____ SCREEN INTERVAL: 21 - 31
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.0
PUMP READINGS: Throttle: 70 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)
14:57	10.54	0.28	0.5	16.61	0.605	1.28	6.96	396
15:00	10.64	0.28	0.84	15.38	0.607	0.44	7.02	486
15:03	10.67	0.24	0.72	15.2	0.607	0.45	7.07	508
15:06	10.67	0.24	0.72	14.99	0.606	0.34	7.1	452

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

Field Personnel: TS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: EBGmw-123 SampleID: FWGEBGmw-123C-1031-GW/GF DuplID: _____
 SplitID: _____ RinselID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 15:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>435</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.12 Temperature (°C): 14.88 DO (mg/L): 0.3 Specific Conductivity (mS/cm): 0.606

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: TS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: ERIE BURNING DATE: 10/13/2008 START TIME: 13:00

WELL ID: EBGmw-124

WELL DEPTH: _____ INITIAL WATER LEVEL: 3.91

WELL DIAMETER _____ SCREEN INTERVAL: 20 - 30

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.0

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)
13:25	3.99	0.34	0.5	14.91	0.571	1.31	6.89	2000
13:28	3.99	0.34	1.02	13.47	0.574	0.52	7.02	2000
13:31	3.99	0.34	1.02	13.26	0.573	0.54	7.11	2000
13:34	3.99	0.34	1.02	13.28	0.572	0.44	7.16	2000
13:37	3.99	0.34	1.02	13.13	0.571	0.48	7.18	2000

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

Field Personnel: TS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: EBGmw-124 SampleID: FWGEBGmw-124C-1032-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 13:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.28</u>	Temperature (°C): <u>12.89</u>	DO (mg/L): <u>0.67</u>
		Specific Conductivity (mS/cm): <u>0.57</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: TS Cmt: 1 perchlorate sample collected.

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/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	2	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: ERIE BURNING DATE: 10/13/2008 START TIME: 12:10
WELL ID: EBGmw-125
WELL DEPTH: _____ INITIAL WATER LEVEL: 12.44
WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0
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)
12:21	12.39	0.4	0.2	14.76	0.273	1.27	7.04	999
12:24	12.39	0.4	1.2	14.27	0.269	1.1	6.97	808
12:27	12.39	0.4	1.2	14.04	0.266	1.19	6.95	658

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

Field Personnel: TS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: EBGmw-125 SampleID: FWGEBGmw-125C-1033-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 12:30

FIELD READINGS / OBSERVATIONS

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

pH: 6.96 Temperature (°C): 13.97 DO (mg/L): 1.26 Specific Conductivity (mS/cm): 0.266

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: TS Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
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
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: ERIE BURNING DATE: 10/13/2008 START TIME: 9:45
WELL ID: EBGmw-126
WELL DEPTH: _____ INITIAL WATER LEVEL: 3.68
WELL DIAMETER _____ SCREEN INTERVAL: 15.2 - 25.2
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.2
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)
10:56	3.46	0.2	0.5	15.31	0.563	1.62	6.5	999
10:59	3.47	0.2	0.6	15.38	0.569	0.47	6.69	999
11:02	3.60	0.2	0.6	15.47	0.57	0.32	6.81	999
11:05	3.60	0.2	0.6	15.51	0.57	0.29	6.89	999
11:08	3.60	0.2	0.6	15.41	0.57	0.28	6.89	986

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

Field Personnel: TS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: EBGmw-126 SampleID: FWGEBGmw-126C-1034-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 11:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>9.16</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.9</u>	Temperature (°C): <u>15.6</u>	DO (mg/L): <u>0.29</u>
		Specific Conductivity (mS/cm): <u>0.57</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: TS Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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	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: ERIE BURNING DATE: 10/13/2008 START TIME: 14:20
WELL ID: EBGmw-127
WELL DEPTH: 32.71 INITIAL WATER LEVEL: 6.05
WELL DIAMETER: _____ SCREEN INTERVAL: 19 - 29
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.0
PUMP READINGS: Throttle: 70 Recharge: 11 Discharge: 4
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)
14:20	6.85	0.28	0.2	14.38	0.548	5.46	6.68	502
14:24	7.64	0.28	1.12	13.3	0.548	4.39	7.02	548
14:27	8.30	0.28	0.84	12.82	0.555	4.42	7.24	542
14:30	8.60	0.28	0.84	12.86	0.555	4.6	7.31	528
14:33	9.11	0.28	0.84	12.58	0.555	4.85	7.36	525

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>ERIE BURNIN</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>EBGmw-127</u>		SampleID: <u>FWGEBGmw-127C-1035-GW/GF</u>		DuplID: <u>FWGEBGmw-DUP6-1011-GW/GF</u>	
		SplitID: <u>FWGEBGmw-127C-1115S-GW/GF</u>		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>10/13/2008</u> TIME: <u>14:35</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>525</u>		Color: <u>cloudy</u>	
				Odor: <u>None</u>	
pH: <u>7.36</u>		Temperature (°C): <u>12.58</u>		DO (mg/L): <u>4.85</u> Specific Conductivity (mS/cm): <u>0.555</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Sunny</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>NE</u> AMBIENT TEMP (°F): <u>70</u>	
SHIPPED VIA: <u>Lab Pickup</u>					
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>JL/EB Cmt:</u>					

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	3	4C	8330	Explo
40ml/Vial	10	HCl	8260	VOC
1L/Amber	5	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	8082	PCB
1L/Amber	6	4C	8270	SVOC
1L/Amber	5	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: ERIE BURNING DATE: 10/13/2008 START TIME: 16:15
 WELL ID: EBGmw-128
 WELL DEPTH: _____ INITIAL WATER LEVEL: 8.2
 WELL DIAMETER _____ SCREEN INTERVAL: 15 - 25
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.0
 PUMP READINGS: Throttle: 50 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)
16:31	9.03	0.22	0.5	17.09	0.383	1.32	7.24	79.2
16:34	9.09	0.22	0.66	15.26	0.378	0.51	7.32	47.2
16:37	9.14	0.22	0.66	14.58	0.377	0.3	7.41	33.6
16:40	9.14	0.22	0.66	14.38	0.374	0.29	7.45	24.9
16:43	9.14	0.22	0.66	14.33	0.373	0.22	7.49	20.4

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

Field Personnel: TS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: EBGmw-128 SampleID: FWGEBGmw-128C-1036-GW/GF DupIID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 16:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>16.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.53 Temperature (°C): 14.3 DO (mg/L): 0.2 Specific Conductivity (mS/cm): 0.372

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: TS 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: ERIE BURNING DATE: 10/13/2008 START TIME: 17:00
WELL ID: EBGmw-129
WELL DEPTH: 30.89 INITIAL WATER LEVEL: 7.41
WELL DIAMETER: _____ SCREEN INTERVAL: 16 - 26
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.0
PUMP READINGS: Throttle: 50 Recharge: 7 Discharge: 8
COMMENTS very 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)
17:05	7.45	0.45	0.2	12.45	0.368	3.08	7.2	5999
17:10	7.45	0.45	2.25	11.69	0.372	1.71	7.11	5999
17:13	7.45	0.45	1.35	11.56	0.374	1.37	7.11	2000

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: EBGmw-129 SampleID: FWGEBGmw-129C-1037-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 17:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>very cloudy</u>
		Odor: <u>None</u>

pH: 7.14 Temperature (°C): 11.58 DO (mg/L): 1.03 Specific Conductivity (mS/cm): 0.375

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
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	2	4C	353.2/8330	Propellants
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: ERIE BURNING DATE: 10/13/2008 START TIME: 13:35

WELL ID: EBGmw-130

WELL DEPTH: _____ INITIAL WATER LEVEL: 7.58

WELL DIAMETER _____ SCREEN INTERVAL: 15.2 - 25.2

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

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)
15:42	7.58	0.2	0.2	14.23	0.966	1.52	7.07	1000
15:45	7.59	0.2	0.6	13.73	0.963	0.31	7.02	328
15:48	7.59	0.2	0.6	13.71	0.955	0.19	7.02	202

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: EBGmw-130 SampleID: FWGEBGmw-130C-1038-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>199</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.02</u>	Temperature (°C): <u>13.7</u>	DO (mg/L): <u>0.17</u>
		Specific Conductivity (mS/cm): <u>0.952</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 75
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: MS/MSD

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: FUZE AND BO DATE: 10/8/2008 START TIME: 10:50
WELL ID: FBQmw-166
WELL DEPTH: _____ INITIAL WATER LEVEL: 5.87
WELL DIAMETER _____ SCREEN INTERVAL: 5.5 - 15.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.5
PUMP READINGS: Throttle: 30 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)
11:11	6.70	0.2	0.5	14.26	1.9	1.74	6.14	9.9
11:14	6.95	0.2	0.6	14.38	1.25	1.31	6.37	9.9
11:17	7.06	0.2	0.6	14.4	1.22	1.39	6.46	9.7
11:20	7.13	0.2	0.6	14.41	1.19	1.54	6.53	4.8
11:23	7.21	0.2	0.6	14.43	1.19	1.81	6.57	2.3
11:26	7.28	0.2	0.6	14.41	1.18	2.01	6.59	1.2

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: FBOmw-166 SampleID: FWGFBQmw-166C-1039-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 11:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.9</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.59 Temperature (°C): 14.41 DO (mg/L): 2.05 Specific Conductivity (mS/cm): 1.18

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 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/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
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: FUZE AND BO DATE: 10/8/2008 START TIME: 8:30
WELL ID: FBQmw-167
WELL DEPTH: _____ INITIAL WATER LEVEL: 5.97
WELL DIAMETER _____ SCREEN INTERVAL: 5 - 15
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.0
PUMP READINGS: Throttle: 30 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)
8:41	6.52	0.2	0.25	13.02	0.547	1.42	5.33	62.7
8:44	6.60	0.2	0.6	12.94	0.52	0.96	5.41	61
8:47	6.62	0.2	0.6	12.93	0.491	0.67	5.44	114
8:50	6.64	0.2	0.6	12.89	0.485	0.5	5.46	145

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-1040-GWGF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 8:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>135</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.46 Temperature (°C): 12.85 DO (mg/L): 0.39 Specific Conductivity (mS/cm): 0.484

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 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	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
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	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: FUZE AND BO DATE: 10/8/2008 START TIME: 14:44
WELL ID: FBQmw-168
WELL DEPTH: 21.2 INITIAL WATER LEVEL: 13.41
WELL DIAMETER: _____ SCREEN INTERVAL: 9 - 19
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.0
PUMP READINGS: Throttle: 20 Recharge: 7 Discharge: 8
COMMENTS Slightly Cloudy Yellow 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)
14:53	13.43	0.46	0.5	13.95	0.356	2.24	6.36	877
14:56	13.44	0.46	1.38	13.81	0.337	0.64	6.43	657
14:59	13.44	0.46	1.38	13.85	0.319	0.67	6.46	387
15:02	13.44	0.46	1.38	13.86	0.305	1.05	6.51	216

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-168 SampleID: FWGFBQmw-168C-1041-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 15:03

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>216</u>	Color: <u>Slightly Cloudy Yellow</u>
		Odor: <u>None</u>

pH: 6.51 Temperature (°C): 13.86 DO (mg/L): 0.305 Specific Conductivity (mS/cm): 1.05

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS 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	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: FUZE AND BO DATE: 10/8/2008 START TIME: 9:35
WELL ID: FBQmw-169
WELL DEPTH: _____ INITIAL WATER LEVEL: 8.3
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)
9:54	8.44	0.2	0.5	12.83	0.558	1.99	5.05	239
9:57	8.58	0.2	0.6	12.81	0.545	0.96	4.99	186
10:00	8.66	0.2	0.6	12.89	0.531	0.71	4.98	95.7

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: FBOmw-169 SampleID: FWGFBQmw-169C-1042-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 10:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>68.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>4.99</u>	Temperature (°C): <u>12.9</u>	DO (mg/L): <u>0.59</u> Specific Conductivity (mS/cm): <u>0.526</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 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	2	4C	353.2/8330	Propellants
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
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: FUZE AND BO DATE: 10/8/2008 START TIME: 8:40
WELL ID: FBQmw-170
WELL DEPTH: 32.52 INITIAL WATER LEVEL: 20.22
WELL DIAMETER: _____ SCREEN INTERVAL: 20 - 30
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.0
PUMP READINGS: Throttle: 240 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)
8:54	20.65	0.45	0.2	13.46	0.113	6.47	5.65	72.3
8:57	20.79	0.45	1.35	13.43	0.111	5.92	5.05	52.6
9:00	20.92	0.45	1.35	13.41	0.112	6.76	5.01	36.1
9:03	20.99	0.45	1.35	13.38	0.113	9.43	5.1	45.5

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-170 SampleID: FWGFBQmw-170C-1043-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 9:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>70.6</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>13.29</u>	Temperature (°C): <u>13.29</u>	DO (mg/L): <u>13.48</u>
		Specific Conductivity (mS/cm): <u>0.114</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NE AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: MSMSD

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: FUZE AND BO DATE: 10/8/2008 START TIME: 13:10

WELL ID: FBQmw-171

WELL DEPTH: 31.39 INITIAL WATER LEVEL: 21.06

WELL DIAMETER: _____ SCREEN INTERVAL: 18 - 28

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

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

COMMENTS Cloudy light 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)
13:22	21.40	0.4	1.5	13.12	0.156	6.13	6.32	156
13:25	21.55	0.4	1.2	13.17	0.156	5.85	5.86	89.7
13:32	21.62	0.4	1.6	13.09	0.16	6	5.7	50
13:35	21.68	0.4	1.2	13.09	0.162	6.01	5.69	42.9

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-171 SampleID: FWGFBQmw-171C-1044-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 13:37

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>42.9</u>	Color: <u>Cloudy light gray</u>
		Odor: <u>None</u>

pH: 5.69 Temperature (°C): 13.09 DO (mg/L): 6.01 Specific Conductivity (mS/cm): 0.162

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: N AMBIENT TEMP (°F): 40
 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	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
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: FUZE AND BO DATE: 10/8/2008 START TIME: 11:30
WELL ID: FBQmw-172
WELL DEPTH: 34.35 INITIAL WATER LEVEL: 28.55
WELL DIAMETER: _____ SCREEN INTERVAL: 20 - 30
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.0
PUMP READINGS: Throttle: 70 Recharge: 7 Discharge: 8
COMMENTS Cloudy yellow 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)
11:45	28.79	0.44	0.2	11.96	1.671	4.48	6.93	694
11:48	28.96	0.44	1.32	11.67	0.686	2.25	6.7	717
11:51	29.06	0.44	1.32	11.56	0.692	1.98	6.94	1913
11:56	29.06	0.44	1.76	11.58	0.693	1.74	6.81	14.3
11:59	29.11	0.44	1.32	11.53	0.693	1.64	6.72	906

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-172 SampleID: FWGFBQmw-172C-1045-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 12:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>906</u>	Color: <u>Cloudy yellow</u>
		Odor: <u>None</u>

pH: 6.72 Temperature (°C): 11.53 DO (mg/L): 1.64 Specific Conductivity (mS/cm): 0.693

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: N AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
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	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: 10/8/2008 START TIME: 10:15
WELL ID: FBQmw-173
WELL DEPTH: 51.65 INITIAL WATER LEVEL: 44.27
WELL DIAMETER: _____ SCREEN INTERVAL: 29.5 - 49.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 39.5
PUMP READINGS: Throttle: 90 Recharge: 9 Discharge: 6
COMMENTS cloudy and 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)
10:21	44.37	0.42	0.2	11.72	0.105	6.76	6.02	1292
10:24	44.48	0.42	1.26	11.72	0.102	4.7	5.72	586
10:29	44.52	0.42	2.1	11.68	0.102	3.71	5.65	312
10:33	44.52	0.42	1.68	11.68	0.103	3.04	5.57	213

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

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>FUZE AND BO</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>FBQmw-173</u>		SampleID: <u>FWGFBQmw-173C-1046-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>10/8/2008</u> TIME: <u>10:35</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>213</u>		Color: <u>cloudy and gray</u>	
				Odor: <u>None</u>	
pH: <u>5.57</u>		Temperature (°C): <u>11.68</u>		DO (mg/L): <u>3.04</u>	
				Specific Conductivity (mS/cm): <u>0.103</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Overcast</u>		PERCIPITATION: <u>Y</u>		WIND DIRECTION: <u>N</u>	
SHIPPED VIA: <u>Lab Pickup</u>				AMBIENT TEMP (°F): <u>45</u>	
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>ZS 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	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: 10/8/2008 START TIME: 12:10

WELL ID: FBQmw-174

WELL DEPTH: 22.7 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: 240 Recharge: 10 Discharge: 5

COMMENTS water level is top of pump 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	19.12	0.4	0.2	13.9	0.083	7.89	5.76	17
12:27	19.27	0.4	1.2	13.82	0.085	7.2	5.78	22
12:30	19.27	0.4	1.2	13.74	0.085	7.45	5.84	38.6
12:33	19.27	0.4	1.2	13.72	0.085	8.17	5.82	46.2

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-174 SampleID: FWGFBQmw-174C-1047-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 12:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>38.8</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>5.86</u>	Temperature (°C): <u>13.68</u>	DO (mg/L): <u>8.9</u>	Specific Conductivity (mS/cm): <u>0.085</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NE AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: water level at top of pump

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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
250ml/Poly	1	NaOH	9012	Cyanide
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: FUZE AND BO DATE: 10/8/2008 START TIME: 14:00

WELL ID: FBQmw-175

WELL DEPTH: 25.67 INITIAL WATER LEVEL: 19.31

WELL DIAMETER: _____ SCREEN INTERVAL: 12 - 22

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

PUMP READINGS: Throttle: 240 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)
14:14	19.62	0.45	0.2	12.97	0.127	9.68	5.68	416
14:17	19.84	0.45	1.35	12.9	0.125	9.44	5.43	458
14:20	20.04	0.45	1.35	12.88	0.129	9.31	5.4	470
14:23	20.26	0.45	1.35	12.84	0.134	9.29	5.4	378

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: FUZE AND BO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: FBQmw-175 SampleID: FWGFBBQmw-175C-1048-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 14:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>335</u>	Color: <u>cloudy</u>
		Odor: <u>None</u>
pH: <u>5.37</u>	Temperature (°C): <u>12.81</u>	DO (mg/L): <u>9.27</u>
		Specific Conductivity (mS/cm): <u>0.137</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS 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/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
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: FUZE AND BO DATE: 10/8/2008 START TIME: 12:20
WELL ID: FBQmw-176
WELL DEPTH: _____ INITIAL WATER LEVEL: 10.78
WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0
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)
12:36	10.86	0.2	0.5	13.1	0.132	1.5	6.52	999
12:39	10.86	0.2	0.6	13.33	0.13	1.02	6.17	999
12:42	10.86	0.2	0.6	13.39	0.129	0.92	6.05	762
12:45	10.86	0.2	0.6	13.53	0.128	0.79	5.96	575
12:48	10.86	0.2	0.6	13.59	0.126	0.63	5.88	368
12:51	10.86	0.2	0.6	13.59	0.125	0.55	5.86	257

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-176 SampleID: FWGFBQmw-176C-1049-GW/GF DuplID: FWGFBQmw-DUP7-1102-GW/GF
 SplitID: FWGFBQmw-176C-1116S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 13:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU):	185	Color:	Clear
			Odor:	None
pH: <u>5.85</u>	Temperature (°C): <u>13.62</u>	DO (mg/L): <u>0.44</u>	Specific Conductivity (mS/cm): <u>0.125</u>	

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: EC Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	8270	SVOC
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	8081	Pest
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	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: FUZE AND BO DATE: 10/8/2008 START TIME: 15:45
WELL ID: FBQmw-177
WELL DEPTH: 24.85 INITIAL WATER LEVEL: 15.62
WELL DIAMETER: _____ SCREEN INTERVAL: 12 - 22
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.0
PUMP READINGS: Throttle: 20 Recharge: 7 Discharge: 8
COMMENTS Cloudy yellow 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	15.77	0.36	0.75	14.68	0.298	0.99	6.87	5999
16:04	15.83	0.36	1.08	14.71	0.295	0.37	6.74	5999
16:07	15.86	0.36	1.08	14.78	0.297	0.35	6.74	2000
16:10	15.89	0.36	1.08	14.81	0.299	0.34	6.73	1358

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-1050-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 16:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1358</u>	Color: <u>Cloudy yellow</u>
		Odor: <u>None</u>

pH: 6.73 Temperature (°C): 14.81 DO (mg/L): 0.34 Specific Conductivity (mS/cm): 0.299

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SE AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS 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/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8270	SVOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LANDFILL NO DATE: 10/8/2008 START TIME: 10:20

WELL ID: LNWmw-024

WELL DEPTH: _____ INITIAL WATER LEVEL: 14.06

WELL DIAMETER _____ SCREEN INTERVAL: 10 - 20

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

PUMP READINGS: Throttle: 50 Recharge: 12.5 Discharge: 2.5

COMMENTS gray 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)
10:31	14.40	0.2	0.2	12.72	0.9	1.72	6.71	765
10:33	14.51	0.18	0.36	12.7	0.9	0.8	6.92	804
10:36	14.60	0.18	0.54	12.69	0.99	0.4	6.94	842
10:39	14.71	0.18	0.54	12.71	0.9	0.21	6.96	824

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LANDFILL NO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LNWmw-024 SampleID: FWGLNmw-024C-1051-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 10:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>770</u>	Color: <u>gray</u>
		Odor: <u>None</u>

pH: 7.01 Temperature (°C): 12.69 DO (mg/L): 0.17 Specific Conductivity (mS/cm): 0.9

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorates collected

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	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LANDFILL NO DATE: 10/8/2008 START TIME: 11:40

WELL ID: LNWmw-025

WELL DEPTH: _____ INITIAL WATER LEVEL: 5.79

WELL DIAMETER _____ SCREEN INTERVAL: 8 - 18

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

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

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)
11:44	5.94	0.2	0.2	14.22	0.46	4.85	7	967
11:47	6.19	0.18	0.54	14.12	0.458	2.59	6.73	855
11:50	6.28	0.18	0.54	14.08	0.457	2.28	6.68	770
11:53	6.40	0.18	0.54	14.1	0.457	1.97	6.64	639

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LANDFILL NO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LNWmw-025 SampleID: FWGLNmw-025C-1052-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 12:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>562</u>	Color: <u>gray</u>
		Odor: <u>None</u>
pH: <u>6.63</u>	Temperature (°C): <u>14.13</u>	DO (mg/L): <u>1.65</u>
		Specific Conductivity (mS/cm): <u>0.459</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: 3 perchlorates

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LANDFILL NO DATE: 10/8/2008 START TIME: 10:28
WELL ID: LNWmw-026
WELL DEPTH: _____ INITIAL WATER LEVEL: 11.58
WELL DIAMETER _____ SCREEN INTERVAL: 13 - 23
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.0
PUMP READINGS: Throttle: 50 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)
10:44	11.10	0.3	0.2	12.58	0.492	10.23	7.75	576
10:47	12.80	0.3	0.9	12.56	0.482	10.1	7.75	412
10:50	13.31	0.3	0.9	12.65	0.478	9.96	7.77	244

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>LANDFILL NO</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>LNWmw-026</u>		SampleID: <u>FWGLNWmw-026C-1053-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>10/8/2008</u> TIME: <u>10:55</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>224</u>		Color: <u>Clear</u>	
				Odor: <u>None</u>	
pH: <u>7.79</u>		Temperature (°C): <u>12.7</u>		DO (mg/L): <u>9.84</u>	
				Specific Conductivity (mS/cm): <u>0.477</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Overcast</u>		PERCIPITATION: <u>Y</u>		WIND DIRECTION: <u>NE</u> AMBIENT TEMP (°F): <u>60</u>	
SHIPPED VIA: <u>Lab Pickup</u>					
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>LS</u> Cmt: <u>perchlorate collected</u>					

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
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	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: LANDFILL NO DATE: 10/8/2008 START TIME: 12:30

WELL ID: LNWmw-027

WELL DEPTH: _____ INITIAL WATER LEVEL: 8.96

WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24

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

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)
12:39	9.27	0.3	0.2	13.81	0.695	2.18	7.6	135
12:42	10.69	0.2	0.6	13.8	0.68	3.52	7.55	88.5
12:45	11.35	0.2	0.6	13.9	0.677	4.11	7.54	82.7

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LANDFILL NO PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LNWmw-027 SampleID: FWGLNmw-027C-1054-GW/GF DuplID: FWGLNmw-DUP13-1103-GW/GF
 SplitID: FWGLNmw-027C-1117S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 13:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>81.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.55</u>	Temperature (°C): <u>13.93</u>	DO (mg/L): <u>4.28</u>
		Specific Conductivity (mS/cm): <u>0.677</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: LS Cmt: 3 perchlorates collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	8081	Pest
1L/Amber	3	4C	353.2/8330	Propellants
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8082	PCB
250ml/Poly	3	NaOH	9012	Cyanide
40ml/Vial	8	HCl	8260	VOC
1L/Amber	5	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 1 DATE: 10/6/2008 START TIME: 14:25
WELL ID: LL1mw-063
WELL DEPTH: 30.04 INITIAL WATER LEVEL: 28.55
WELL DIAMETER _____ SCREEN INTERVAL: 17.1 - 27.1
PUMP/PURGING DEVICE: B - BAILER PUMP INTAKE DEPTH: 22.1
PUMP READINGS: Throttle: 0 Recharge: 0 Discharge: 0
COMMENTS 2ND purge volume on 10-6-08 insufficeint to fill flo meter. Bailed again on 10-7-08 at 0852. Odor:

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	28.55	0.1	0.1	14.11	0.17	5.12	5.98	508
14:39	0.00	0.1	0.4	14.75	0.19	6.12	3.53	2000

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

Field Personnel: ZS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL1mw-063 SampleID: FWGLL1mw-063C-0955-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 9:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>3.98</u>	Temperature (°C): <u>14.75</u>	DO (mg/L): <u>6.12</u>
		Specific Conductivity (mS/cm): <u>0.19</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 38
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: partial volume filled rtn'd through out week to collect minimum volume

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 1 DATE: 10/6/2008 START TIME: 11:33
WELL ID: LL1mw-064
WELL DEPTH: 21.04 INITIAL WATER LEVEL: 3.57
WELL DIAMETER: _____ SCREEN INTERVAL: 8 - 18
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.0
PUMP READINGS: Throttle: 50 Recharge: 10 Discharge: 5
COMMENTS Yellow 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	3.74	0.48	0.2	14.09	0.355	0.96	6.34	575
11:45	3.85	0.48	1.44	14	0.354	0.79	6.45	486
11:48	3.86	0.48	1.44	13.63	0.354	0.52	6.62	355
11:51	3.79	0.48	1.44	13.52	0.354	0.38	6.74	284
11:54	3.84	0.48	1.44	13.46	0.354	0.29	6.84	208
11:57	3.87	0.48	1.44	13.34	0.354	0.25	6.92	142
12:00	3.81	0.48	1.44	13.24	0.354	0.23	7	97.6
12:03	3.90	0.48	1.44	13.21	0.354	0.2	7.07	67.3

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

Field Personnel: ZS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL1mw-064 SampleID: FWGLL1mw-064C-0956-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse1-1121-GW/GF
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 12:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>67.3</u>	Color: <u>Yellow</u>
		Odor: <u>None</u>

pH: 7.07 Temperature (°C): 13.21 DO (mg/L): 0.2 Specific Conductivity (mS/cm): 0.354

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: equip rinse at 13:00

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	8082	PCB
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 1 DATE: 10/6/2008 START TIME: 12:31
 WELL ID: LL1mw-065
 WELL DEPTH: 22.89 INITIAL WATER LEVEL: 14.29
 WELL DIAMETER: _____ SCREEN INTERVAL: 10.2 - 20.2
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.2
 PUMP READINGS: Throttle: 150 Recharge: 10 Discharge: 5
 COMMENTS cloudy yellow 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)
12:52	14.28	0.45	0.2	11.79	0.678	0.98	6.53	462
13:02	14.31	0.45	4.5	11.74	0.663	0.71	7.12	323
13:05	14.33	0.45	1.35	11.66	0.659	0.59	7.15	210
13:08	14.33	0.45	1.35	11.6	0.658	0.54	7.17	144
13:11	14.33	0.45	1.35	11.59	0.656	0.48	7.19	104
13:15	14.32	0.45	1.8	11.6	0.654	0.45	7.2	70.25

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

Field Personnel: KS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL1mw-065 SampleID: FWGLL1mw-065C-0957-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 13:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>70</u>	Color: <u>cloudy yellow</u>
		Odor: <u>None</u>

pH: 7.2 Temperature (°C): 11.59 DO (mg/L): 0.45 Specific Conductivity (mS/cm): 0.654

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS 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	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL1mw-079 SampleID: FWGLL1mw-079C-0958-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 15:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>180</u>	Color: <u>cloudy</u>
		Odor: <u>None</u>
pH: <u>6.29</u>	Temperature (°C): <u>13.3</u>	DO (mg/L): <u>2.41</u>
		Specific Conductivity (mS/cm): <u>0.337</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS 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	8082	PCB
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 2 DATE: 10/6/2008 START TIME: 14:05

WELL ID: LL2mw-060

WELL DEPTH: _____ INITIAL WATER LEVEL: 11.21

WELL DIAMETER _____ SCREEN INTERVAL: 8.1 - 17.9

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

PUMP READINGS: Throttle: 25 Recharge: 12 Discharge: 3

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)
14:11	11.36	0.4	0.2	15.52	0.406	8.1	6.48	107
14:15	11.39	0.3	1.2	15.17	0.401	7.22	6.48	102
14:17	11.39	0.3	0.6	15.01	0.396	6.62	6.47	91.2

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 2 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL2mw-060 SampleID: FWGLL2mw-060C-0959-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 14:30

FIELD READINGS / OBSERVATIONS

Turb (NTU):	92	Color:	Clear
		Odor:	None

pH: 6.48 Temperature (°C): 14.99 DO (mg/L): 6.51 Specific Conductivity (mS/cm): 0.396

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS 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	8270	SVOC
40ml/Vial	3	HCl	8280	VOC
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
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 2 DATE: 10/6/2008 START TIME: 12:00

WELL ID: LL2mw-261

WELL DEPTH: _____ INITIAL WATER LEVEL: 8.11

WELL DIAMETER _____ SCREEN INTERVAL: 9.8 - 19.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.8

PUMP READINGS: Throttle: 60 Recharge: 13 Discharge: 2

COMMENTS slightly tinted 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)
12:07	8.90	0.18	0.25	14.25	0.791	3.47	6.78	999
12:10	8.61	0.18	0.54	14.66	0.783	2.39	7.12	477
12:14	8.53	0.18	0.72	14.76	0.784	2.12	7.19	341
12:17	8.53	0.18	0.54	14.67	0.787	2	7.27	319
12:20	8.44	0.18	0.54	14.5	0.784	1.85	7.36	266
12:23	8.45	0.18	0.54	14.48	0.782	1.73	7.39	235
12:26	8.46	0.18	0.54	14.44	0.781	1.63	7.44	191

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 2 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL2mw-261 SampleID: FWGLL2mw-261C-0960-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 12:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>162</u>	Color: <u>slightly tinted</u>
		Odor: <u>None</u>
pH: <u>7.46</u>	Temperature (°C): <u>14.44</u>	DO (mg/L): <u>1.53</u>
		Specific Conductivity (mS/cm): <u>0.778</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CL Cmt: _____

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 2 DATE: 10/6/2008 START TIME: 13:10
WELL ID: LL2mw-264
WELL DEPTH: _____ INITIAL WATER LEVEL: 10.42
WELL DIAMETER _____ SCREEN INTERVAL: 9.8 - 19.8
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.8
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)
13:22	10.57	0.2	1	14.15	0.357	1.38	6.41	10.2
13:25	10.58	0.2	0.6	14.13	0.356	1.28	6.44	9.7
13:28	10.58	0.2	0.6	14.15	0.356	1.2	6.47	9.3

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 2 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL2mw-264 SampleID: FWGLL2mw-264C-0961-GW/GF DupliID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 13:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>8.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.5 Temperature (°C): 14.18 DO (mg/L): 1.17 Specific Conductivity (mS/cm): 0.356

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 60
 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/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 2 DATE: 10/6/2008 START TIME: 12:00
WELL ID: LL2mw-265
WELL DEPTH: _____ INITIAL WATER LEVEL: 10.92
WELL DIAMETER _____ SCREEN INTERVAL: 11.8 - 21.8
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.8
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)
12:14	11.20	0.2	0.2	13.56	0.805	3.35	6.27	98.4
12:21	11.18	0.2	1.4	13.59	0.817	3.42	6.28	81.4
12:24	11.07	0.2	0.6	13.59	0.816	3.42	6.3	86.4

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 2 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL2mw-265 SampleID: FWGLL2mw-265C-0962-GW/GF DuplID: FWGLL2mw-DUP1-1093-GW/GF
 SplitID: FWGLL2mw-265C-1107S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 12:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>86.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.3 Temperature (°C): 13.59 DO (mg/L): 3.42 Specific Conductivity (mS/cm): 0.816

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: LS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	5	4C	8082	PCB
40ml/Vial	8	HCl	8260	VOC
1L/Amber	5	4C	8081	Pest
1L/Amber	5	4C	8270	SVOC
1L/Poly	3	HNO3	6010/6020/7470	Metals
250ml/Poly	3	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 2 DATE: 10/6/2008 START TIME: 12:00

WELL ID: LL2mw-268

WELL DEPTH: _____ INITIAL WATER LEVEL: 16.43

WELL DIAMETER _____ SCREEN INTERVAL: 17.3 - 27.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.3

PUMP READINGS: Throttle: 45 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)
12:04	16.55	0.2	0.5	13.21	0.365	1.63	5.93	43.2
12:07	16.57	0.2	0.6	12.93	0.361	1.14	6.03	52.2
12:10	16.58	0.2	0.6	12.97	0.359	0.95	6.05	49.6
12:13	16.57	0.2	0.6	13.03	0.36	0.77	6.1	47.6

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 2 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL2mw-268 SampleID: FWGLL2mw-268C-0963-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 12:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>40.1</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.15</u>	Temperature (°C): <u>13.08</u>	DO (mg/L): <u>0.69</u>
		Specific Conductivity (mS/cm): <u>0.359</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 60
 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	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 2 DATE: 10/6/2008 START TIME: 14:31
WELL ID: LL2mw-270
WELL DEPTH: _____ INITIAL WATER LEVEL: 11.12
WELL DIAMETER _____ SCREEN INTERVAL: 9.8 - 19.8
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.8
PUMP READINGS: Throttle: 60 Recharge: 11.5 Discharge: 3.5
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)
14:40	11.29	0.22	0.2	13.54	0.647	7.21	6.88	576
14:43	11.29	0.22	0.66	13.37	0.614	5.92	6.32	186
14:46	11.38	0.22	0.66	13.4	0.607	5.53	6.24	140
14:49	11.18	0.22	0.66	13.27	0.6	5.32	6.21	115
14:52	11.23	0.22	0.66	13.22	0.597	5.21	6.21	102

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 2 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL2mw-270 SampleID: FWGLL2mw-270C-0964-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 15:10

FIELD READINGS / OBSERVATIONS

Turb (NTU): 80.8 Color: Clear

Odor: None

pH: 6.22 Temperature (°C): 13.24 DO (mg/L): 5.17 Specific Conductivity (mS/cm): 0.593

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 60

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: CL 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	8082	PCB
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 3 DATE: 10/6/2008 START TIME: 14:25

WELL ID: LL3mw-232

WELL DEPTH: _____ INITIAL WATER LEVEL: 23.03

WELL DIAMETER _____ SCREEN INTERVAL: 26.8 - 36.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 31.8

PUMP READINGS: Throttle: 80 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)
14:37	23.42	0.2	1	11.15	0.563	2.28	6.36	41.4
14:40	24.30	0.2	0.6	11.26	0.561	1.43	6.21	36.1
14:43	24.50	0.2	0.6	10.89	0.562	1.42	6.19	30.2
14:46	24.66	0.2	0.6	10.81	0.561	1.46	6.18	24.9

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-232 SampleID: FWGLL3mw-232C-0965-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 14:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>21.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.18</u>	Temperature (°C): <u>10.94</u>	DO (mg/L): <u>1.56</u>
		Specific Conductivity (mS/cm): <u>0.561</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 60
 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/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	8082	PCB
40ml/Vial	9	HCl	8260	VOC
1L/Amber	6	4C	353.2/8330	Propellants
1L/Amber	6	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 3 DATE: 10/6/2008 START TIME: 16:45

WELL ID: LL3mw-233

WELL DEPTH: _____ INITIAL WATER LEVEL: 24.44

WELL DIAMETER _____ SCREEN INTERVAL: 20.1 - 30.1

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.1

PUMP READINGS: Throttle: 80 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)
16:52	29.78	0.2	0.25	13.08	0.375	2.28	6.03	43.5
16:55	29.88	0.2	0.6	13.77	0.374	2.36	5.92	57.9
16:58	29.96	0.2	0.6	14.08	0.372	2.49	5.91	55.1
17:01	29.99	0.2	0.6	13.64	0.377	2.26	5.91	94.2

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

Field Personnel: SB

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-233 SampleID: FWGLL3mw-233C-0966-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 17:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU):	0.376	Color:	Clear
			Odor:	None
pH: <u>5.91</u>	Temperature (°C): <u>13.54</u>	DO (mg/L): <u>2.51</u>	Specific Conductivity (mS/cm): <u>0.376</u>	

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 65

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: SB 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
250ml/Poly	1	NaOH	9012	Cyanide
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 3 DATE: 10/6/2008 START TIME: 15:33

WELL ID: LL3mw-234

WELL DEPTH: _____ INITIAL WATER LEVEL: 11.59

WELL DIAMETER _____ SCREEN INTERVAL: 9.8 - 19.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.8

PUMP READINGS: Throttle: 25 Recharge: 17 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)
15:34	12.36	0.4	0.2	16.07	0.679	3.98	6.6	625
15:37	12.71	0.3	0.9	15.81	0.681	6.24	6.6	432
15:40	12.54	0.3	0.9	15.51	0.685	5.85	6.59	313
15:43	12.50	0.2	0.6	15.76	0.687	5.54	6.6	221
15:46	12.39	0.2	0.6	15.6	0.691	5.28	6.6	212

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-234 SampleID: FWGLL3mw-234C-0967-GW/GF DuplID: FWGLL3mw-DUP2-1094-GW/GF

SplitID: FWGLL3mw-234C-1108S-GW/GF RinselID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 16:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU):	208	Color:	Clear
			Odor:	None

pH: 6.61 Temperature (°C): 15.58 DO (mg/L): 5.2 Specific Conductivity (mS/cm): 0.691

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 70

SHIPPED VIA: Lab PU/FedEx

SHIPPED TO: Multiple Labs

SAMPLER: LS Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	8270	SVOC
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8081	Pest
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	3	4C	8330	Explo
1L/Amber	5	4C	353.2/8330	Propellants
40ml/Vial	8	HCl	8260	VOC
1L/Amber	5	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 3 DATE: 10/7/2008 START TIME: 8:57
 WELL ID: LL3mw-235
 WELL DEPTH: _____ INITIAL WATER LEVEL: 21.96
 WELL DIAMETER _____ SCREEN INTERVAL: 10.1 - 20.1
 PUMP/PURGING DEVICE: B - BAILER PUMP INTAKE DEPTH: 15.1
 PUMP READINGS: Throttle: 0 Recharge: 0 Discharge: 0
 COMMENTS orange, opaque, dry at 0908 1.25L 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)
9:01	22.87	0.76	0.2	12.57	0.137	12.13	5.23	999
9:02	22.99	0.25	0.25	12.29	0.595	11.01	5.39	999
9:03	23.05	0.2	0.2	12.13	0.575	10.43	5.51	999
9:05	23.04	0.2	0.4	12.15	0.568	9.99	5.65	999
9:07	23.06	0.2	0.4	11.43	0.566	9.48	5.8	999

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-235 SampleID: FWGLL3mw-235C-0968-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 10:45

FIELD READINGS / OBSERVATIONS

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

pH: 5.71 Temperature (°C): 11.21 DO (mg/L): 7.65 Specific Conductivity (mS/cm): 0.501

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: minimum volumes, return 10-8 to collect volume, return 10-9 for metals and 1L

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 3 DATE: 10/7/2008 START TIME: 8:45
 WELL ID: LL3mw-237
 WELL DEPTH: INITIAL WATER LEVEL: 19.95
 WELL DIAMETER SCREEN INTERVAL: 12.7 -22.7
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.7
 PUMP READINGS: Throttle: 25 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)
8:50	20.04	0.3	0.2	12.98	0.448	3.73	5.56	44.3
8:55	20.25	0.2	1	12.7	0.448	7.89	5.87	46.8
8:58	20.38	0.2	0.6	12.72	0.446	8.14	5.98	43.5
9:01	20.43	0.2	0.6	12.77	0.446	7.94	6.04	42.8
9:03	20.45	0.2	0.4	12.9	0.445	7.83	6.08	38.8

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-237 SampleID: FWGLL3mw-237C-0969-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 9:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>33.9</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.13 Temperature (°C): 12.83 DO (mg/L): 7.7 Specific Conductivity (mS/cm): 0.444

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8081	Pest
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 3 DATE: 10/7/2008 START TIME: 10:05
WELL ID: LL3mw-240
WELL DEPTH: _____ INITIAL WATER LEVEL: 28.87
WELL DIAMETER _____ SCREEN INTERVAL: 24.4 - 34.4
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 29.4
PUMP READINGS: Throttle: 25 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)
10:17	28.87	0.3	0.2	12.41	0.338	5.6	6.1	138
10:20	28.84	0.3	0.9	11.81	0.327	5.08	6.01	61.6
10:24	28.84	0.3	1.2	11.71	0.324	5.05	5.98	38.4
10:28	28.85	0.3	1.2	11.68	0.324	5.13	5.96	31.9

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-240 SampleID: FWGLL3mw-240C-0970-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 10:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>31.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 5.97 Temperature (°C): 11.68 DO (mg/L): 5.12 Specific Conductivity (mS/cm): 0.324

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS 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	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 3 DATE: 10/7/2008 START TIME: 9:28
 WELL ID: LL3mw-241
 WELL DEPTH: _____ INITIAL WATER LEVEL: 15.3
 WELL DIAMETER _____ SCREEN INTERVAL: 12.7 - 22.7
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.7
 PUMP READINGS: Throttle: 60 Recharge: 12.5 Discharge: 2.5
 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)
9:35	15.53	0.2	0.2	13.18	0.34	6.39	6.35	170
9:38	15.55	0.2	0.6	13.3	0.339	4.75	6.4	130
9:41	15.55	0.2	0.6	13.33	0.338	3.84	6.47	101
9:44	15.56	0.2	0.6	13.39	0.337	3.56	6.55	91.5
9:47	15.56	0.2	0.6	13.44	0.336	3.2	6.54	75.9

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-241 SampleID: FWGLL3mw-241C-0971-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 10:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>73.5</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.54</u>	Temperature (°C): <u>13.42</u>	DO (mg/L): <u>3.16</u>	Specific Conductivity (mS/cm): <u>0.336</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 45
 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
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	8081	Pest
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 3 DATE: 10/7/2008 START TIME: 9:00
WELL ID: LL3mw-243
WELL DEPTH: _____ INITIAL WATER LEVEL: 17.92
WELL DIAMETER _____ SCREEN INTERVAL: 13.8 - 23.8
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.8
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)
9:14	17.98	0.2	0.5	11.46	0.198	5.26	5.2	0
9:17	17.98	0.2	0.6	11.25	0.188	4.82	5.26	0
9:20	17.98	0.2	0.6	11.13	0.183	4.67	5.28	0

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 3 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL3mw-243 SampleID: FWGLL3mw-243C-0972-GW/GF DuplID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 9:25

FIELD READINGS / OBSERVATIONS

Turb (NTU): 0 Color: Clear

Odor: None

pH: 5.29 Temperature (°C): 11.15 DO (mg/L): 4.59 Specific Conductivity (mS/cm): 0.181

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 40

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: EC Cmt:

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 4

DATE: 10/7/2008

START TIME: 8:45

WELL ID: LL4mw-193

WELL DEPTH: 24.11

INITIAL WATER LEVEL: 8.72

WELL DIAMETER _____

SCREEN INTERVAL: 11.3 - 21.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 16.3

PUMP READINGS: Throttle: 160

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)
9:01	12.40	0.41	0.2	12.27	0.786	5.85	6.74	560
9:05	12.73	0.41	1.64	12.31	0.791	4.83	6.86	486
9:08	13.08	0.41	1.23	12.36	0.793	5.23	6.91	430
9:11	14.14	0.41	1.23	12.36	0.797	6.14	6.96	399
9:14	14.67	0.41	1.23	12.31	0.805	6.41	6.99	427
9:17	14.67	0.41	1.23	12.31	0.805	6.41	6.99	427

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 4 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL4mw-193 SampleID: FWGLL4mw-193C-0973-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse2-1122-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 9:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>427</u>	Color: <u>cloudy</u>
		Odor: <u>None</u>
pH: <u>6.99</u>	Temperature (°C): <u>12.31</u>	DO (mg/L): <u>6.41</u>
		Specific Conductivity (mS/cm): <u>0.805</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 40
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: perchlorate collected, equipment rinse collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
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 4 DATE: 10/7/2008 START TIME: 9:23
 WELL ID: LL4mw-194
 WELL DEPTH: 23.6 INITIAL WATER LEVEL: 10.91
 WELL DIAMETER: _____ SCREEN INTERVAL: 11.3 - 21.3
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.3
 PUMP READINGS: Throttle: 40 Recharge: 11 Discharge: 4
 COMMENTS Cloudy and 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)
9:33	11.42	0.24	0.2	12.94	0.782	2.87	6.09	2000
9:38	11.49	0.24	1.2	12.88	0.748	1.02	6.56	2000
9:42	11.68	0.24	0.96	12.98	0.749	0.93	6.63	2000
9:45	11.80	0.24	0.72	13.06	0.748	0.72	6.68	2000

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

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 4 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL4mw-194 SampleID: FWGLL4mw-194C-0974-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 9:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>Cloudy and gray</u>
		Odor: <u>None</u>
pH: <u>6.68</u>	Temperature (°C): <u>13.06</u>	DO (mg/L): <u>0.72</u>
		Specific Conductivity (mS/cm): <u>0.748</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8270	SVOC
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
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 4 DATE: 10/6/2008 START TIME: 16:45

WELL ID: LL4mw-195

WELL DEPTH: 22.85 INITIAL WATER LEVEL: 11.95

WELL DIAMETER: _____ SCREEN INTERVAL: 10.3 - 20.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.3

PUMP READINGS: Throttle: 45 Recharge: 11 Discharge: 4

COMMENTS Cloudy and 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)
17:02	12.65	0.32	0.2	14.98	1.262	0.37	6.54	1628
17:05	12.65	0.32	0.96	14.42	1.252	0.36	6.54	2008
17:08	12.65	0.32	0.96	14.88	1.257	0.35	6.54	964
17:11	12.65	0.32	0.96	14.84	1.284	0.45	6.54	729

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

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 4 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL4mw-195 SampleID: FWGLL4mw-195C-0975-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 17:18

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>729</u>	Color: <u>Cloudy and gray</u>
		Odor: <u>None</u>
pH: <u>6.54</u>	Temperature (°C): <u>14.84</u>	DO (mg/L): <u>0.45</u>
		Specific Conductivity (mS/cm): <u>1.284</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 65
 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/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
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 4 DATE: 10/6/2008 START TIME: 16:42

WELL ID: LL4mw-200

WELL DEPTH: 25.03 INITIAL WATER LEVEL: 18.48

WELL DIAMETER _____ SCREEN INTERVAL: 12.6 - 22.6

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.6

PUMP READINGS: Throttle: 150 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)
17:12	18.89	0.6	0.2	13.48	1.197	6.51	6.66	8.61
17:15	19.06	0.6	1.8	12.14	1.241	6.54	6.95	12.32
17:18	19.12	0.6	1.8	12.09	1.233	6.85	7.07	12.37
17:24	19.04	0.6	3.6	12.04	1.225	6.38	7.19	11.09
17:27	19.02	0.6	5.4	12.1	1.226	6.35	7.17	11.32
17:30	19.08	0.6	1.8	12	1.223	6.45	7.2	9.95

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 4 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL4mw-200 SampleID: FWGLL4mw-200C-0976-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/6/2008 TIME: 17:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>9.9</u>	Color: <u>cloudy</u>
		Odor: <u>None</u>
pH: <u>7.2</u>	Temperature (°C): <u>12</u>	DO (mg/L): <u>6.4</u> Specific Conductivity (mS/cm): <u>1.22</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS 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: LOADLINE 5 DATE: 10/10/2008 START TIME: 11:30
WELL ID: LL5mw-001
WELL DEPTH: 26.87 INITIAL WATER LEVEL: 21.9
WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.0
PUMP READINGS: Throttle: 50 Recharge: 8 Discharge: 7
COMMENTS very 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)
11:30	22.12	0.38	0.2	13.63	0.552	6.18	7.2	2000
11:33	22.21	0.38	1.14	13.1	0.555	4.92	7.25	2000
11:36	22.21	0.38	1.14	12.91	0.551	3.71	7.29	2000

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL5mw-001 SampleID: FWGLL5mw-001C-0992-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 11:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>very cloudy</u>
		Odor: <u>None</u>
pH: <u>7.3</u>	Temperature (°C): <u>12.98</u>	DO (mg/L): <u>3.24</u> Specific Conductivity (mS/cm): <u>0.548</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: perchlorate collected Perchlorate sample preservative partially spilled.

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	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
250ml/Poly	1	NaOH	9012	Cyanide

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 5 DATE: 10/10/2008 START TIME: 8:30
WELL ID: LL5mw-002
WELL DEPTH: 27.25 INITIAL WATER LEVEL: 22.68
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 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)
8:33	22.78	0.35	0.2	12.48	0.429	6.93	6.53	2000
8:38	22.78	0.35	1.75	12.24	0.427	5.4	6.8	2000
8:41	22.78	0.35	1.05	12.07	0.439	4.15	6.97	2000
8:44	22.81	0.35	1.05	12.06	0.462	2.95	7.09	1308
8:47	22.81	0.35	1.05	11.99	0.473	2.51	7.11	854
8:50	22.81	0.35	1.05	11.98	0.474	2.5	7.12	768

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

Field Personnel: EB

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL5mw-002 SampleID: FWGLL5mw-002C-0993-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 8:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>854</u>	Color: <u>cloudy</u>
		Odor: <u>None</u>

pH: 7.11 Temperature (°C): 11.99 DO (mg/L): 2.51 Specific Conductivity (mS/cm): 0.473

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EB/JL Cmt: perchlorate collected

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/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 5 DATE: 10/10/2008 START TIME: 11:51

WELL ID: LL5mw-003

WELL DEPTH: 23.93 INITIAL WATER LEVEL: 21.45

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 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)
12:06	21.67	0.16	0.2	16.1	0.701	4.19	7.06	2000
12:09	21.67	0.16	0.48	15.8	0.695	3.87	6.99	1946
12:12	21.68	0.16	0.48	15.6	0.694	3.68	6.96	1178
12:15	21.68	0.16	0.48	15.6	0.693	3.6	6.95	985

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

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>LOADLINE 5</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>LL5mw-003</u>		SampleID: <u>FWGLL5mw-003C-0994-GW/GF</u>		DupIID: _____	
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>10/10/2008</u> TIME: <u>12:20</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>985</u>		Color: <u>Cloudy</u>	
				Odor: <u>None</u>	
pH: <u>6.95</u>		Temperature (°C): <u>15.6</u>		DO (mg/L): <u>3.6</u>	
				Specific Conductivity (mS/cm): <u>0.693</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Sunny</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>W</u>	
				AMBIENT TEMP (°F): <u>59</u>	
SHIPPED VIA: <u>Lab Pickup</u>					
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>ZS Cmt:</u>					

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
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
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: LOADLINE 5 DATE: 10/10/2008 START TIME: 9:55

WELL ID: LL5mw-004

WELL DEPTH: 25.15 INITIAL WATER LEVEL: 19.82

WELL DIAMETER _____ SCREEN INTERVAL: 12 - 22

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

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

COMMENTS very 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)
10:01	20.39	0.31	0.2	12.17	0.539	4.93	7.14	2000
10:04	20.45	0.31	0.93	12.54	0.541	3.52	7.18	2000
10:07	20.51	0.31	0.93	12.4	0.543	3.5	7.21	2000
10:10	20.51	0.31	0.93	12.33	0.547	3.5	7.21	2000

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL5mw-004 SampleID: FWGLL5mw-004C-0995-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 10:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>very cloudy</u>
		Odor: <u>None</u>
pH: <u>7.21</u>	Temperature (°C): <u>7.21</u>	DO (mg/L): <u>3.5</u>
		Specific Conductivity (mS/cm): <u>0.547</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: perchlorate collected

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 5 DATE: 10/13/2008 START TIME: 10:40
 WELL ID: LL5mw-005
 WELL DEPTH: 29.6 INITIAL WATER LEVEL: 23.45
 WELL DIAMETER _____ SCREEN INTERVAL: 17 - 27
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.0
 PUMP READINGS: Throttle: 55 Recharge: 10 Discharge: 5
 COMMENTS very 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)
10:41	23.55	0.325	0.2	13.64	0.585	4.66	6.91	2000
10:44	23.55	0.325	0.975	13.28	0.586	1.94	7	1826
10:47	23.55	0.325	0.975	13.4	0.588	1.44	7.08	1472
10:50	23.55	0.325	0.975	13.28	0.59	1.2	7.12	1316

Note: Condition of the well: See STATIC WATER LEVEL FORM
 Field Personnel: JL/EB

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL5mw-005 SampleID: FWGLL5mw-005C-0996-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/13/2008 TIME: 10:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1227</u>	Color: <u>very cloudy</u>
		Odor: <u>None</u>

pH: 7.14 Temperature (°C): 13.36 DO (mg/L): 1.06 Specific Conductivity (mS/cm): 0.591

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: perchlorate collected for msmsd

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 5 DATE: 10/10/2008 START TIME: 12:25

WELL ID: LL5mw-006

WELL DEPTH: _____ INITIAL WATER LEVEL: 21.9

WELL DIAMETER _____ SCREEN INTERVAL: 14 - 24

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

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)
12:37	22.14	0.2	0.5	13.99	0.582	3.68	6.83	426
12:40	22.14	0.2	0.6	14.6	0.572	3.02	6.85	418
12:43	22.14	0.2	0.6	14.6	0.573	2.74	6.89	513

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-0997-GWGF DuplID: FWGLL5mw-DUP14-1097-GW/GF

SplitID: FWGLL5mw-006C-1111S-GW/GF RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 12:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>580</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.9</u>	Temperature (°C): <u>14.61</u>	DO (mg/L): <u>2.64</u>
		Specific Conductivity (mS/cm): <u>0.575</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 60

SHIPPED VIA: Lab PU/FedEx

SHIPPED TO: Multiple Labs

SAMPLER: EC Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	5	4C	8081	Pest
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	6	4C	8270	SVOC
1L/Amber	3	4C	8330	Explo
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8082	PCB
40ml/Vial	9	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 6 DATE: 10/14/2008 START TIME: 8:00
WELL ID: LL6mw-001
WELL DEPTH: _____ INITIAL WATER LEVEL: 16.58
WELL DIAMETER _____ SCREEN INTERVAL: 7 - 17
PUMP/PURGING DEVICE: B - BAILER PUMP INTAKE DEPTH: 12.0
PUMP READINGS: Throttle: 0 Recharge: 0 Discharge: 0
COMMENTS well purged 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)
8:16	16.58	0.7	0.7	13.82	0.9	5.8	6.37	1000

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL6mw-001 SampleID: FWGLL6mw-001C-0998-GW/GF DupIID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 8:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1000</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.52 Temperature (°C): 13.83 DO (mg/L): 5.78 Specific Conductivity (mS/cm): 0.999

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: slow recharge insufficient minimus even after 24 hrs

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 6 DATE: 10/14/2008 START TIME: 8:40

WELL ID: LL6mw-002

WELL DEPTH: _____ INITIAL WATER LEVEL: 22.82

WELL DIAMETER _____ SCREEN INTERVAL: 12.5 - 22.5

PUMP/PURGING DEVICE: B - BAILER PUMP INTAKE DEPTH: 17.5

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

COMMENTS bailed dry during purging 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	22.82	0.7	1	12.62	0.9	11.15	6.97	1000

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL6mw-002 SampleID: FWGLL6mw-002C-0999-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 8:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1000</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.97</u>	Temperature (°C): <u>12.62</u>	DO (mg/L): <u>11.5</u>
		Specific Conductivity (mS/cm): <u>0.9</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD Cmt

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 6 DATE: 10/14/2008 START TIME: 9:24

WELL ID: LL6mw-003

WELL DEPTH: _____ INITIAL WATER LEVEL: 17.98

WELL DIAMETER _____ SCREEN INTERVAL: 12.5 - 22.5

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

PUMP READINGS: Throttle: 50 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)
9:30	18.01	0.24	0.2	15.75	0.987	4.51	7.28	1000
9:33	18.02	0.24	0.48	15.34	0.994	1.04	6.98	1000
9:36	18.03	0.24	0.72	15.08	0.989	0.65	6.91	740

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

Field Personnel: LS

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL6mw-003 SampleID: FWGLL6mw-003C-1000-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 9:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>546</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.9 Temperature (°C): 15.09 DO (mg/L): 0.57 Specific Conductivity (mS/cm): 0.991

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS 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	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 6 DATE: 10/14/2008 START TIME: 11:10
WELL ID: LL6mw-004
WELL DEPTH: _____ INITIAL WATER LEVEL: 18.67
WELL DIAMETER _____ SCREEN INTERVAL: 12.5 - 22.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.5
PUMP READINGS: Throttle: 50 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)
11:16	18.80	0.28	0.2	15.32	0.9	4.57	7.1	1000
11:19	18.90	0.28	0.84	14.45	0.9	2.69	7.02	983
11:22	19.01	0.2	0.6	14.67	0.9	2.05	6.93	916
11:25	19.05	0.2	0.6	14.8	0.9	2.08	6.97	646

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

Field Personnel: AD

FIELD SAMPLING REPORT

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

SAMPLE INFORMATION

WELL: LL6mw-004 SampleID: FWGLL6mw-004C-1001-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>604</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.98</u>	Temperature (°C): <u>14.8</u>	DO (mg/L): <u>2.48</u>
		Specific Conductivity (mS/cm): <u>0.999</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD 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	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
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 10:20

WELL ID: LL12mw-088

WELL DEPTH: _____ INITIAL WATER LEVEL: 6.42

WELL DIAMETER _____ SCREEN INTERVAL: 14.8 - 24.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 19.8

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)
10:28	8.98	0.2	0.5	13.45	1.12	3.02	6.28	7.9
10:31	8.34	0.2	0.6	13.37	1.13	4.22	6.45	6.3
10:34	8.87	0.2	0.6	13.35	1.14	5.93	6.6	3.7
10:37	9.12	0.2	0.6	13.36	1.15	5.9	6.64	3.8
10:40	9.41	0.2	0.6	13.45	1.14	6.18	6.67	1.6

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-088 SampleID: FWGLL12mw-088C-0977-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 10:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.7</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.68 Temperature (°C): 13.52 DO (mg/L): 6.34 Specific Conductivity (mS/cm): 1.14

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: W AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	H2SO4	353.2	NO3/NO2
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
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 11:30

WELL ID: LL12mw-107

WELL DEPTH: _____ INITIAL WATER LEVEL: 10.71

WELL DIAMETER _____ SCREEN INTERVAL: 20.7 - 30.7

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 25.7

PUMP READINGS: Throttle: 60 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)
11:52	11.65	0.2	0.5	12.46	1.34	2.25	6.74	79.1
11:55	12.21	0.2	0.6	12.23	1.34	1.37	6.63	28.1
11:58	12.86	0.2	0.6	12.18	1.33	1	6.59	11.9
12:01	13.36	0.2	0.6	12.14	1.32	0.77	6.58	9.4

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-107 SampleID: FWGLL12mw-107C-0978-GWGF DuplID: FWGLL12mw-DUP3-1095-GWGF
 SplitID: FWGLL12mw-107C-1109S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 12:05

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>7.7</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.58 Temperature (°C): 12.13 DO (mg/L): 0.55 Specific Conductivity (mS/cm): 1.32

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: EC Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	3	HNO3	6010/6020/7470	Metals
250ml/Poly	3	H2SO4	353.2	NO3/NO2
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	3	4C	8330	Explo
40ml/Vial	8	HCl	8260	VOC
1L/Amber	5	4C	8081	Pest
1L/Amber	6	4C	8270	SVOC
1L/Amber	5	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 15:10

WELL ID: LL12mw-113

WELL DEPTH: _____ INITIAL WATER LEVEL: 8.7

WELL DIAMETER _____ SCREEN INTERVAL: 12.3 - 22.3

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.3

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)
15:24	9.10	0.2	0.5	18.19	2.26	1.9	6.55	480
15:27	9.45	0.2	0.6	18.12	2.26	1.38	6.44	485
15:30	9.86	0.2	0.6	18.11	2.26	1.09	6.43	545
15:33	10.46	0.2	0.6	17.98	2.26	0.84	6.39	559

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>LOADLINE 12</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>LL12mw-113</u>		SampleID: <u>FWGLL12mw-113C-0979-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>10/7/2008</u> TIME: <u>15:40</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>350</u>		Color: <u>Clear</u>	
				Odor: <u>None</u>	
pH: <u>6.38</u>		Temperature (°C): <u>18.08</u>		DO (mg/L): <u>0.75</u> Specific Conductivity (mS/cm): <u>2.25</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Sunny</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>NW</u> AMBIENT TEMP (°F): <u>60</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	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	H2SO4	353.2	NO3/NO2
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 11:39
 WELL ID: LL12mw-128
 WELL DEPTH: _____ INITIAL WATER LEVEL: 11.4
 WELL DIAMETER _____ SCREEN INTERVAL: 21.1 - 31.1
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.1
 PUMP READINGS: Throttle: 60 Recharge: 11.5 Discharge: 3.5
 COMMENTS fint 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)
11:43	11.60	0.2	0.25	12.9	1.81	6.5	7.22	520
11:46	11.91	0.2	0.6	12.86	1.81	4.84	7.12	442
11:49	12.27	0.18	0.54	12.89	1.81	3.57	7.02	434
11:52	12.34	0.18	0.54	12.83	1.8	2.75	7.11	450

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-128 SampleID: FWGLL12mw-128C-0980-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 12:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>500</u>	Color: <u>tint</u>
		Odor: <u>None</u>
pH: <u>7.16</u>	Temperature (°C): <u>12.82</u>	DO (mg/L): <u>2.47</u>
		Specific Conductivity (mS/cm): <u>1.8</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: gray

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	H2SO4	353.2	NO3/NO2
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	6	4C	8082	PCB
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	8081	Pest
1L/Amber	6	4C	353.2/8330	Propellants
1L/Amber	6	4C	8270	SVOC
250ml/Poly	3	NaOH	9012	Cyanide
40ml/Vial	9	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 13:38

WELL ID: LL12mw-154

WELL DEPTH: 28.73 INITIAL WATER LEVEL: 10.75

WELL DIAMETER _____ SCREEN INTERVAL: 16.4 - 26.4

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.4

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

COMMENTS water level with pump is 10.11 Cloudy yellow 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)
13:51	12.60	0.2	1	17	1.137	2.02	7.04	723
13:54	12.26	0.2	0.6	14.56	1.162	0.59	6.79	651
13:57	12.54	0.2	0.6	14.27	1.168	0.46	6.76	630
14:01	13.12	0.2	0.8	14.05	1.163	0.45	6.75	603
14:04	13.38	0.2	0.6	13.95	1.167	0.35	6.75	600

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

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-154 SampleID: FWGLL12mw-154C-0981-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 14:07

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>600</u>	Color: <u>Cloudy yellow</u>
		Odor: <u>None</u>
pH: <u>6.75</u>	Temperature (°C): <u>13.95</u>	DO (mg/L): <u>0.35</u>
		Specific Conductivity (mS/cm): <u>1.167</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 68
 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
1L/Amber	6	4C	8270	SVOC
250ml/Poly	3	NaOH	9012	Cyanide
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
250ml/Poly	3	H2SO4	353.2	NO3/NO2

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 13:45

WELL ID: LL12mw-184

WELL DEPTH: _____ INITIAL WATER LEVEL: 14.05

WELL DIAMETER _____ SCREEN INTERVAL: 18.8 - 28.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.8

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)
14:01	14.22	0.2	0.5	12.83	2.13	2.59	6.6	7.1
14:04	14.26	0.2	0.6	12.78	2.14	1.67	6.55	4.7
14:07	14.31	0.2	0.6	12.43	2.15	1.23	6.53	6

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

Field Personnel: EC

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-184 SampleID: FWGLL12mw-184C-0982-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 14:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>5.7</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.53 Temperature (°C): 12.38 DO (mg/L): 1.03 Specific Conductivity (mS/cm): 2.15

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NW AMBIENT TEMP (°F): 55
 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	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	H2SO4	353.2	NO3/NO2
1L/Poly	1	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 14:13

WELL ID: LL12mw-185

WELL DEPTH: _____ INITIAL WATER LEVEL: 10.04

WELL DIAMETER _____ SCREEN INTERVAL: 10.8 - 20.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.8

PUMP READINGS: Throttle: 40 Recharge: 12.5 Discharge: 2.5

COMMENTS runs intermittant if throttle lowered 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)
14:20	10.44	0.2	0.2	14.41	5.97	6.87	7.15	156
14:23	10.95	0.16	0.48	13.9	5.91	4.7	6.97	151
14:26	11.19	0.16	0.48	14.01	5.88	3.85	6.98	143
14:29	11.44	0.16	0.48	14.04	5.88	3.16	7	132

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-185 SampleID: FWGLL12mw-185C-0983-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 14:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>142</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.01 Temperature (°C): 14.05 DO (mg/L): 3.2 Specific Conductivity (mS/cm): 5.88

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 50
 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/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	H2SO4	353.2	NO3/NO2
1L/Amber	2	4C	353.2/8330	Propellants
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 12 DATE: 10/7/2008 START TIME: 15:25

WELL ID: LL12mw-187

WELL DEPTH: _____ INITIAL WATER LEVEL: 11.7

WELL DIAMETER _____ SCREEN INTERVAL: 17.2 - 27.2

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.2

PUMP READINGS: Throttle: 30 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)
15:36	12.01	0.28	0.2	13.27	1.5	0.68	6.42	40.2
15:39	12.18	0.2	0.6	13.15	1.49	0.15	6.4	49.9
15:45	12.30	0.2	1.2	12.96	1.52	0.43	6.38	75.8

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-187 SampleID: FWGLL12mw-187C-0984-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>133</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.38 Temperature (°C): 12.68 DO (mg/L): 1.08 Specific Conductivity (mS/cm): 1.52

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	H2SO4	353.2	NO3/NO2
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 11:25

WELL ID: LL12mw-188

WELL DEPTH: 21.98 INITIAL WATER LEVEL: 7.99

WELL DIAMETER _____ SCREEN INTERVAL: 9.8 - 19.8

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.8

PUMP READINGS: Throttle: 240 Recharge: 10 Discharge: 5

COMMENTS slightly 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)
11:35	8.54	0.65	0.2	14.13	1.5	4.35	7.05	274
11:40	9.58	0.65	3.25	14.13	1.51	2.4	6.97	348
11:43	10.62	0.65	1.95	14.22	1.51	1.46	6.95	273
11:46	11.52	0.65	1.95	14.18	1.53	1.22	6.94	255

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-188 SampleID: FWGLL12mw-188C-0985-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 11:55

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>265</u>	Color: <u>slightly cloudy</u>
		Odor: <u>None</u>

pH: 6.93 Temperature (°C): 14.11 DO (mg/L): 0.98 Specific Conductivity (mS/cm): 1.55

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	H2SO4	353.2	NO3/NO2
1L/Poly	1	HNO3	6010/6020/7470	Metals
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
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: LOADLINE 12 DATE: 10/8/2008 START TIME: 8:25

WELL ID: LL12mw-189

WELL DEPTH: _____ INITIAL WATER LEVEL: 7.65

WELL DIAMETER _____ SCREEN INTERVAL: 7.5 - 17.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 12.5

PUMP READINGS: Throttle: 50 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)
8:35	8.88	0.28	0.2	13.13	1.37	0.34	6.24	930
8:38	9.60	0.28	0.84	13.06	1.37	0.21	6.41	939
8:41	10.25	0.2	0.6	13.13	1.36	0.08	6.62	764
8:43	10.54	0.2	0.4	13.22	1.35	0.07	6.71	653
8:46	10.63	0.2	0.6	13.27	1.35	0.03	6.77	591
8:49	10.83	0.2	0.6	13.32	1.35	0.05	6.81	507

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-189 SampleID: FWGLL12mw-189C-0986-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 8:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>576</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.83 Temperature (°C): 13.34 DO (mg/L): 0.04 Specific Conductivity (mS/cm): 1.35

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: NE AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	H2SO4	353.2	NO3/NO2
1L/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
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	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 13:25
WELL ID: LL12mw-242
WELL DEPTH: 28.76 INITIAL WATER LEVEL: 11.83
WELL DIAMETER: _____ SCREEN INTERVAL: 15.5 - 25.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 20.5
PUMP READINGS: Throttle: 240 Recharge: 10 Discharge: 5
COMMENTS foamy well grey 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)
13:29	11.67	0.45	0.2	12.59	0.806	5.72	7.34	2000
13:34	11.72	0.45	2.25	12.06	0.804	5.08	7.3	2000
13:39	11.81	0.45	2.25	12.13	0.803	5.09	7.35	2000
13:42	11.96	0.45	1.35	12.09	0.801	5.23	7.39	2000

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-242 SampleID: FWGLL12mw-242C-0987-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 13:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>grey cloudy</u>
		Odor: <u>None</u>

pH: 7.4 Temperature (°C): 12.14 DO (mg/L): 5.21 Specific Conductivity (mS/cm): 0.799

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: foamy well, perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	3	HCl	8260	VOC
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
250ml/Poly	1	H2SO4	353.2	NO3/NO2
1L/Amber	2	4C	8082	PCB
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 12 DATE: 10/7/2008 START TIME: 14:37
WELL ID: LL12mw-243
WELL DEPTH: _____ INITIAL WATER LEVEL: 10.63
WELL DIAMETER _____ SCREEN INTERVAL: 13 - 23
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.0
PUMP READINGS: Throttle: 60 Recharge: 12 Discharge: 3
COMMENTS opaque 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)
14:42	10.42	0.2	0.2	13.39	1.27	5.97	7.55	999
14:45	11.75	0.2	0.6	13.41	1.27	4.96	7.28	999
14:48	13.86	0.2	0.6	13.39	1.27	4.85	7.34	999
14:51	14.40	0.2	0.6	13.32	1.27	4.87	7.44	813
14:54	14.70	0.2	0.6	13.52	1.27	4.87	7.48	943
14:57	15.16	0.2	0.6	13.49	1.27	4.76	7.56	984
15:00	15.48	0.2	0.6	13.44	1.27	4.74	7.6	999
15:03	16.26	0.2	0.6	13.33	1.27	4.61	7.66	99

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

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-243 SampleID: FWGLL12mw-243C-0988-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>99</u>	Color: <u>opaque</u>
		Odor: <u>None</u>
pH: <u>7</u>	Temperature (°C): <u>13</u>	DO (mg/L): <u>4.93</u>
		Specific Conductivity (mS/cm): <u>1.27</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: SB Cmt: NA

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	H2SO4	353.2	NO3/NO2
1L/Poly	1	HNO3	6010/6020/7470	Metals
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 11:55

WELL ID: LL12mw-244

WELL DEPTH: 29.75 INITIAL WATER LEVEL: 12.41

WELL DIAMETER _____ SCREEN INTERVAL: 19.5 - 29.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.5

PUMP READINGS: Throttle: 50 Recharge: 11 Discharge: 4

COMMENTS Slowed pump to 12 s. recharge and 3 s. discharge after 2nd vol purged. Very silty, 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)
12:00	13.17	0.26	1.3	15.3	0.592	2.29	6.92	5999
12:03	14.30	0.26	0.78	14.15	0.594	2.54	6.94	5999
12:08	14.70	0.2	1	15	0.597	2.65	6.95	5999
12:12	14.95	0.2	0.8	14.53	0.596	2.89	6.96	5999

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

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>LOADLINE 12</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>LL12mw-244</u>		SampleID: <u>FWGLL12mw-244C-0989-GW/GF</u>		DupIID: _____	
		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>10/7/2008</u> TIME: <u>12:15</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>5999</u>		Color: <u>Very silty, gray</u>	
				Odor: <u>None</u>	
pH: <u>6.96</u>		Temperature (°C): <u>14.53</u>		DO (mg/L): <u>2.89</u> Specific Conductivity (mS/cm): <u>0.596</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Sunny</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>N</u> AMBIENT TEMP (°F): <u>65</u>	
SHIPPED VIA: <u>Lab Pickup</u>					
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>ZS Cmt:</u>					

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/Amber	2	4C	8082	PCB
1L/Amber	1	4C	8330	Explo
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
250ml/Poly	1	H2SO4	353.2	NO3/NO2

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 11:30
WELL ID: LL12mw-245
WELL DEPTH: _____ INITIAL WATER LEVEL: 9.28
WELL DIAMETER _____ SCREEN INTERVAL: 18 - 28
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.0
PUMP READINGS: Throttle: 55 Recharge: 16 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)
11:37	9.91	0.2	0.2	13.27	1.17	1.92	6.76	673
11:40	10.60	0.2	0.6	13.22	1.18	2.27	6.82	596
11:43	11.08	0.18	0.54	13.2	1.17	3.28	6.9	561
11:46	11.59	0.18	0.54	13.27	1.17	3.78	6.95	562
11:49	12.00	0.18	0.54	13.23	1.17	4.21	7	540

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-245 SampleID: FWGLL12mw-245C-0990-GW/GF DupIID: FWGLL12mw-DUP4-1096-GW/GF
 SplitID: FWGLL12mw-245C-1110S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 12:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>516</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.01 Temperature (°C): 13.22 DO (mg/L): 4.27 Specific Conductivity (mS/cm): 1.17

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: E AMBIENT TEMP (°F): 69
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: LS Cmt:

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	3	HNO3	6010/6020/7470	Metals
1L/Amber	5	4C	8081	Pest
250ml/Poly	3	H2SO4	353.2	NO3/NO2
1L/Amber	5	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	3	4C	8330	Explo
40ml/Vial	8	HCl	8260	VOC
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: LOADLINE 12 DATE: 10/7/2008 START TIME: 15:33

WELL ID: LL12mw-246

WELL DEPTH: 34.84 INITIAL WATER LEVEL: 18.19

WELL DIAMETER _____ SCREEN INTERVAL: 21.5 - 31.5

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 26.5

PUMP READINGS: Throttle: 150 Recharge: 10 Discharge: 5

COMMENTS well is releasing gas, foam on WL meter ie no WL measure heavy brown Odor:sulferous

TIME	WATER LEVEL (btoc)	PURGE RATE L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
15:55	18.00	0.35	0.2	15.58	0.957	3.36	7.2	2000
15:58	18.30	0.35	1.05	14.8	0.952	4.06	7.21	5999
16:01	18.50	0.35	1.05	14.43	0.955	4.35	7.26	5999
16:04	18.70	0.35	1.05	13.91	0.957	4.44	7.29	2000

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

Field Personnel: KS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: LOADLINE 12 PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: LL12mw-246 SampleID: FWGLL12mw-246C-0991-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/7/2008 TIME: 16:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>heavy brown</u>
		Odor: <u>sulferous</u>
pH: <u>7.35</u>	Temperature (°C): <u>13.63</u>	DO (mg/L): <u>5.13</u>
		Specific Conductivity (mS/cm): <u>0.956</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: KS Cmt: very slow to pump, foamy, heavy brown gw and sulferous smell

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8082	PCB
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: SUSPECTED M DATE: 10/14/2008 START TIME: 11:06
WELL ID: MBS-001
WELL DEPTH: _____ INITIAL WATER LEVEL: 18.44
WELL DIAMETER _____ SCREEN INTERVAL: 19 - 28.7
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.9
PUMP READINGS: Throttle: 50 Recharge: 12 Discharge: 3
COMMENTS gray 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)
11:14	18.46	0.2	0.2	11.99	0.857	11.32	7.76	239
11:17	18.47	0.2	0.6	11.74	0.877	7.89	8.03	382
11:20	18.45	0.2	0.6	11.73	0.871	6.71	8.01	368
11:23	18.45	0.2	0.6	11.55	0.873	6.5	7.96	423

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-001 SampleID: FWGMBSmw-001C-1086-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>462</u>	Color: <u>gray</u>
		Odor: <u>None</u>
pH: <u>7.92</u>	Temperature (°C): <u>11.52</u>	DO (mg/L): <u>6.43</u>
		Specific Conductivity (mS/cm): <u>0.874</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorates collected

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	8081	Pest
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	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: SUSPECTED M DATE: 10/14/2008 START TIME: 9:05
WELL ID: MBS-002
WELL DEPTH: _____ INITIAL WATER LEVEL: 18.9
WELL DIAMETER _____ SCREEN INTERVAL: 18 - 27.3
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 22.7
PUMP READINGS: Throttle: 60 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)
9:06	19.02	0.16	0.2	11.58	0.816	6.67	7.09	417
9:09	19.01	0.16	0.48	11.34	0.813	4.69	7.26	464
9:12	19.00	0.16	0.48	11.32	0.806	3.91	7.4	417
9:15	19.00	0.16	0.48	11.24	0.804	3.29	7.47	376
9:18	18.99	0.16	0.48	11.34	0.8	2.92	7.51	288
9:21	18.98	0.1	0.3	11.32	0.799	2.74	7.53	257

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-002 SampleID: FWGMBSmw-002C-1087-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 9:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>280</u>	Color: <u>tint</u>
		Odor: <u>None</u>

pH: 7.54 Temperature (°C): 11.32 DO (mg/L): 2.72 Specific Conductivity (mS/cm): 0.799

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	8081	Pest
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/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: SUSPECTED M DATE: 10/14/2008 START TIME: 8:45
 WELL ID: MBS-003
 WELL DEPTH: _____ INITIAL WATER LEVEL: 19.37
 WELL DIAMETER _____ SCREEN INTERVAL: 18.5 - 28.2
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.4
 PUMP READINGS: Throttle: 30 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)
8:52	19.62	0.2	0.5	12.53	0.552	6.69	6.2	15.7
8:55	19.66	0.2	0.6	12.46	0.558	6.52	6.29	13.8
8:58	19.70	0.2	0.6	12.28	0.562	6.38	6.42	10.2
9:01	19.77	0.2	0.6	12.09	0.567	6.36	6.49	8.3
9:04	19.82	0.2	0.6	12.01	0.573	6.27	6.52	5.2

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-003 SampleID: FWGMBSmw-003C-1088-GW/GF DupIID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 9:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>4.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 9.53 Temperature (°C): 12.01 DO (mg/L): 6.28 Specific Conductivity (mS/cm): 0.575

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: SUSPECTED M DATE: 10/14/2008 START TIME: 10:10
WELL ID: MBS-004
WELL DEPTH: _____ INITIAL WATER LEVEL: 17.61
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)
10:17	17.65	0.2	0.5	12.51	0.55	5.55	6.84	15.7
10:20	17.66	0.2	0.6	12.18	0.552	5.37	6.86	12.8
10:23	17.69	0.2	0.6	11.85	0.551	5.23	6.87	11.2

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-004 SampleID: FWGMBSmw-004C-1089-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 10:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>11.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.88 Temperature (°C): 11.78 DO (mg/L): 5.21 Specific Conductivity (mS/cm): 0.551

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: perchlorate collected

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	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: SUSPECTED M

DATE: 10/14/2008

START TIME: 10:18

WELL ID: MBS-005

WELL DEPTH: _____

INITIAL WATER LEVEL: 18.68

WELL DIAMETER _____

SCREEN INTERVAL: 18 - 28

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 23.0

PUMP READINGS: Throttle: 50

Recharge: 12.5

Discharge: 2.5

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)
10:20	18.70	0.18	0.2	11.95	0.999	3.29	7.92	682
10:23	18.72	0.18	0.54	11.69	0.999	3.99	7.96	451
10:26	18.71	0.18	0.54	11.54	0.999	3.63	7.89	299
10:29	18.71	0.18	0.54	11.38	0.9	2.3	7.86	211

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: SUSPECTED PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: MBS-005 SampleID: FWGMBSmw-005C-1090-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 10:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>175</u>	Color: <u>tint</u>
		Odor: <u>None</u>
pH: <u>7.89</u>	Temperature (°C): <u>11.41</u>	DO (mg/L): <u>1.99</u>
		Specific Conductivity (mS/cm): <u>1.01</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorates collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
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	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: SUSPECTED M DATE: 10/14/2008 START TIME: 11:10
WELL ID: MBS-006
WELL DEPTH: _____ INITIAL WATER LEVEL: 18.19
WELL DIAMETER _____ SCREEN INTERVAL: 16.5 - 26.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 21.5
PUMP READINGS: Throttle: 35 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)
11:17	18.08	0.2	0.5	11.65	0.527	5.77	7.17	562
11:20	18.08	0.2	0.6	11.52	0.525	5.62	7.21	527
11:23	18.08	0.2	0.6	11.31	0.525	5.62	7.24	489

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-006 SampleID: FWGMBSmw-006C-1091-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>443</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 7.29 Temperature (°C): 11.27 DO (mg/L): 5.69 Specific Conductivity (mS/cm): 0.528

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 8:20

WELL ID: NTAmw-107

WELL DEPTH: 24.17 INITIAL WATER LEVEL: 13.41

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 very 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)
8:25	13.45	0.45	0.2	11.99	0.514	6.49	6.37	5999
8:28	13.45	0.45	1.35	11.58	0.504	4.82	6.66	5999
8:31	13.45	0.45	1.35	11.49	0.495	2.53	6.87	2000
8:34	13.45	0.45	1.35	11.44	0.489	1.77	7.04	2000
8:37	13.45	0.45	1.35	11.44	0.488	1.33	7.12	2000

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-107 SampleID: FWGNTAmw-107C-1055-GW/GF DuplID: _____
 SplitID: _____ RinseID: FWGEQUIPRinse7-1027-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 8:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1569</u>	Color: <u>very cloudy</u>
		Odor: <u>None</u>
pH: <u>7.15</u>	Temperature (°C): <u>11.48</u>	DO (mg/L): <u>1</u>
		Specific Conductivity (mS/cm): <u>0.486</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: rinse collected (no field filtering), perchlorate samples collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	2	NaOH	9012	Cyanide
1L/Amber	2	4C	8330	Explo
1L/Amber	4	4C	8082	PCB
1L/Amber	4	4C	8081	Pest
1L/Poly	2	HNO3	6010/6020/7470	Metals
1L/Amber	4	4C	8270	SVOC
40ml/Vial	6	HCl	8260	VOC
1L/Amber	4	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A

DATE: 10/14/2008

START TIME: 10:00

WELL ID: NTAmw-108

WELL DEPTH: 24.32

INITIAL WATER LEVEL: 18.46

WELL DIAMETER _____

SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 60

Recharge: 8

Discharge: 7

COMMENTS very 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)
10:00	18.54	0.42	0.2	11.62	0.472	9.36	7.43	1998
10:03	18.58	0.42	1.26	11.42	0.483	9.22	7.44	2000
10:06	18.58	0.42	1.26	11.14	0.565	6.91	7.33	2000
10:09	18.58	0.42	1.26	11.13	0.603	5.49	7.28	2000
10:12	18.58	0.42	1.26	11.16	0.611	5.1	7.26	1138

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-108 SampleID: FWGNTAmw-108C-1056-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 10:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>989</u>	Color: <u>very cloudy</u>
		Odor: <u>None</u>

pH: 7.26 Temperature (°C): 11.19 DO (mg/L): 4.96 Specific Conductivity (mS/cm): 0.617

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: perchlorate collected

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	8082	PCB
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 11:05

WELL ID: NTAmw-109

WELL DEPTH: 20.75 INITIAL WATER LEVEL: 12.81

WELL DIAMETER _____ SCREEN INTERVAL: 8 - 18

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

PUMP READINGS: Throttle: 60 Recharge: 7 Discharge: 8

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)
11:10	12.85	0.45	0.2	13.46	0.099	5.32	6.66	451
11:13	12.85	0.45	1.35	13.35	0.1	4.61	6.37	432
11:16	12.85	0.45	1.35	13.09	0.101	3.75	5.95	259
11:19	12.85	0.45	1.35	13.06	0.101	3.57	5.86	172
11:22	12.85	0.45	0.9	13.08	0.101	3.24	5.82	140

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-109 SampleID: FWGNTAmw-109C-1057-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 11:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>125</u>	Color: <u>cloudy</u>
		Odor: <u>None</u>

pH: 5.81 Temperature (°C): 13.02 DO (mg/L): 3.19 Specific Conductivity (mS/cm): 0.101

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	353.2/8330	Propellants
250ml/Poly	1	NaOH	9012	Cyanide
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
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: NACA TEST A DATE: 10/14/2008 START TIME: 8:20

WELL ID: NTAmw-110

WELL DEPTH: _____ INITIAL WATER LEVEL: 15.31

WELL DIAMETER _____ SCREEN INTERVAL: 17 - 27

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

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)
8:36	16.36	0.24	0.5	12.7	0.453	1.54	6.37	565
8:39	16.86	0.24	0.72	12.36	0.442	0.71	6.84	608
8:42	17.05	0.24	0.72	12.32	0.44	0.6	6.97	537
8:45	17.18	0.24	0.72	12.25	0.439	0.56	7.05	474
8:48	17.36	0.24	0.72	12.21	0.439	0.53	7.12	412
8:51	17.48	0.24	0.72	12.18	0.439	0.46	7.17	366
8:54	17.65	0.24	0.72	12.17	0.438	0.44	7.22	335

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

Field Personnel: TS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-110 SampleID: FWGNTAmw-110C-1058-GW/GF DuplID: FWGNTAmw-DUP10-1104-GW/GF
 SplitID: FWGNTAmw-110C-1118S-GW/GF RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 9:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>320</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.35 Temperature (°C): 12.21 DO (mg/L): 0.46 Specific Conductivity (mS/cm): 0.438

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: TS Cmt: perchlorate

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
40ml/Vial	8	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	6	4C	8270	SVOC
1L/Amber	5	4C	8082	PCB

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 12:00
WELL ID: NTAmw-111
WELL DEPTH: _____ INITIAL WATER LEVEL: 7.2
WELL DIAMETER _____ SCREEN INTERVAL: 9.5 - 19.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 14.5
PUMP READINGS: Throttle: 40 Recharge: 13 Discharge: 2
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)
12:24	7.71	0.16	0.5	15.63	0.671	1.88	7.12	43.7
12:27	7.76	0.16	0.48	15.53	0.673	1.01	7.13	33.9
12:30	7.81	0.16	0.48	15.47	0.676	1	7.15	24.9

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

Field Personnel: TS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-111 SampleID: FWGNTAmw-111C-1059-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 12:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>25</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.15</u>	Temperature (°C): <u>15.38</u>	DO (mg/L): <u>1.07</u>
		Specific Conductivity (mS/cm): <u>0.678</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: TS 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	8081	Pest
40ml/Vial	9	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo
1L/Amber	6	4C	353.2/8330	Propellants
250ml/Poly	3	NaOH	9012	Cyanide
1L/Poly	3	HNO3	6010/6020/7470	Metals

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 13:00

WELL ID: NTAmw-112

WELL DEPTH: _____ INITIAL WATER LEVEL: 10.02

WELL DIAMETER _____ SCREEN INTERVAL: 13.9 - 23.9

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.9

PUMP READINGS: Throttle: 50 Recharge: 12.5 Discharge: 2.5

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)
13:02	10.00	0.2	0.2	15.9	0.999	5.36	8	999
13:05	9.99	0.2	0.6	15.34	0.9	4.99	7.96	999
13:08	9.99	0.2	0.6	14.87	0.9	5.23	8.01	999
13:11	9.99	0.2	0.6	14.86	0.998	4.36	7.98	999
13:14	9.99	0.2	0.6	15	0.9	3.2	7.94	999

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

Field Personnel: CAL

FIELD SAMPLING REPORT

PROJECT: <u>RVAAP</u>		LOCATION: <u>NACA TEST A</u>		PROJECT NO.: <u>030240.0006</u>	
SAMPLE INFORMATION					
WELL: <u>NTAmw-112</u>		SampleID: <u>FWGNTAmw-112C-1060-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>10/14/2008</u> TIME: <u>13:30</u>	
FIELD READINGS / OBSERVATIONS					
		Turb (NTU): <u>750</u>		Color: <u>Gray</u>	
				Odor: <u>None</u>	
pH: <u>7.9</u>		Temperature (°C): <u>14.93</u>		DO (mg/L): <u>2.87</u> Specific Conductivity (mS/cm): <u>0.9</u>	
GENERAL INFORMATION					
SUN/OVERCAST: <u>Sunny</u>		PERCIPITATION: <u>N</u>		WIND DIRECTION: <u>S</u> AMBIENT TEMP (°F): <u>70</u>	
SHIPPED VIA: <u>Lab Pickup</u>					
SHIPPED TO: <u>Testamerica</u>					
SAMPLER: <u>CAL</u> Cmt: <u>TURBIDITY CLEANS UP DURING SAMPLING</u>					

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
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
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 12:57

WELL ID: NTAmw-113

WELL DEPTH: _____ INITIAL WATER LEVEL: 8.02

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 (btoe)	PURGE RATE L/min	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
13:04	7.81	0.2	0.2	15.24	0.955	4.87	7.55	83.8
13:07	7.92	0.2	0.6	15.32	0.9	1.92	7.5	47.7
13:10	8.06	0.2	0.6	15.42	0.9	1.2	7.47	34.6

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-113 SampleID: FWGNTAmw-113C-1061-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 13:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.9</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.47 Temperature (°C): 15.38 DO (mg/L): 1.17 Specific Conductivity (mS/cm): 0.42

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD 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/Poly	1	HNO3	6010/6020/7470	Metals
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 14:45
WELL ID: NTAmw-114
WELL DEPTH: _____ INITIAL WATER LEVEL: 7.87
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)
14:58	8.15	0.44	0.2	15.16	0.932	0.89	6.89	689
15:01	8.19	0.44	1.32	14.98	0.903	0.84	6.84	198
15:04	8.23	0.44	1.32	14.83	0.866	0.81	6.87	147

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

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-114 SampleID: FWGNTAmw-114C-1062-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 15:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>124</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.88</u>	Temperature (°C): <u>14.85</u>	DO (mg/L): <u>0.84</u>	Specific Conductivity (mS/cm): <u>0.876</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: TS 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
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	353.2/8330	Propellants
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 13:00
WELL ID: NTAmw-115
WELL DEPTH: 25.15 INITIAL WATER LEVEL: 16.17
WELL DIAMETER: _____ SCREEN INTERVAL: 12.5 - 22.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 17.5
PUMP READINGS: Throttle: 50 Recharge: 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)
13:05	16.67	0.15	0.2	14.31	0.538	5.59	6.31	111
13:08	17.15	0.15	0.45	14.16	0.548	3.48	6.87	82
13:11	17.40	0.15	0.45	14.47	0.53	2.79	7.1	70
13:14	17.65	0.15	0.45	15.54	0.541	2.18	7.25	52
13:17	17.72	0.15	0.45	15.57	0.542	2.06	7.28	39
13:20	17.80	0.15	0.45	15.39	0.545	1.83	7.3	31

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-115 SampleID: FWGNTAmw-115C-1063-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 13:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>29</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.34</u>	Temperature (°C): <u>15.73</u>	DO (mg/L): <u>1.69</u>
		Specific Conductivity (mS/cm): <u>0.545</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 14:05
WELL ID: NTAmw-116
WELL DEPTH: _____ INITIAL WATER LEVEL: 7.85
WELL DIAMETER _____ SCREEN INTERVAL: 10 - 20
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.0
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)
14:11	8.31	0.2	0.5	14.92	0.172	5.76	6.91	180
14:14	8.31	0.2	0.6	14.83	0.171	5.37	6.78	209
14:17	8.31	0.2	0.6	14.99	0.164	4.92	6.55	325
14:20	8.31	0.2	0.6	15.44	0.157	4.76	6.43	494
14:23	8.31	0.2	0.6	15.93	0.156	4.62	6.31	507
14:26	8.31	0.2	0.6	16.15	0.156	4.55	6.27	506
14:29	8.31	0.2	0.6	16.14	0.157	4.53	6.23	504

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-116 SampleID: FWGNTAmw-116C-1064-GW/GF DupIID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 14:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>455</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.22 Temperature (°C): 16.07 DO (mg/L): 4.54 Specific Conductivity (mS/cm): 0.157

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A DATE: 10/14/2008 START TIME: 12:55

WELL ID: NTAmw-117

WELL DEPTH: _____ INITIAL WATER LEVEL: 15.49

WELL DIAMETER _____ SCREEN INTERVAL: 14.5 - 24.5

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

PUMP READINGS: Throttle: 30 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)
13:05	16.47	0.2	0.5	12.84	0.6	6.05	7.17	120
13:08	16.51	0.2	0.6	13.05	0.6	5.37	7.11	128
13:11	16.51	0.2	0.6	13.05	0.598	4.86	7.06	85.4
13:14	16.51	0.2	0.6	13.25	0.593	4.43	7.04	39.9

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-117 SampleID: FWGNTAmw-117C-1065-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 13:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>35.4</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.04 Temperature (°C): 13.33 DO (mg/L): 4.32 Specific Conductivity (mS/cm): 0.593

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AR Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	1	4C	8330	Explo
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	353.2/8330	Propellants
1L/Amber	2	4C	8081	Pest
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: NACA TEST A

DATE: 10/14/2008

START TIME: 15:13

WELL ID: NTAmw-118

WELL DEPTH: 24.55

INITIAL WATER LEVEL: 10.45

WELL DIAMETER _____

SCREEN INTERVAL: 12 - 22

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 17.0

PUMP READINGS: Throttle: 50

Recharge: 12

Discharge: 3

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)
15:13	11.10	0.25	0.2	16.43	0.582	4.02	7.07	1945
15:14	11.25	0.25	0.75	15.54	0.587	2.49	7.16	1779
15:15	11.45	0.25	0.5	14.87	0.589	1.39	7.23	1225
15:18	11.53	0.25	0.75	14.76	0.59	1.14	7.25	992

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

Field Personnel: JL/EB

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: NACA TEST A PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: NTAmw-118 SampleID: FWGNTAmw-118C-1066-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/14/2008 TIME: 15:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>906</u>	Color: <u>cloudy</u>
		Odor: <u>None</u>

pH: 7.26 Temperature (°C): 14.7 DO (mg/L): 1.02 Specific Conductivity (mS/cm): 0.592

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: perchlorate collected

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	8082	PCB
1L/Amber	2	4C	8270	SVOC
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
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: RAMSDELL QU DATE: 10/9/2008 START TIME: 11:24
WELL ID: RQLmw-007
WELL DEPTH: _____ INITIAL WATER LEVEL: 8.85
WELL DIAMETER _____ SCREEN INTERVAL: 6 - 16
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.0
PUMP READINGS: Throttle: 60 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)
11:34	9.03	0.2	0.2	15.56	1.45	5.36	7.21	-9
11:37	9.14	0.2	0.6	15.52	1.47	3.46	7.2	-10
11:40	8.99	0.2	0.6	15.49	1.48	2.5	7.12	10

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-007 SampleID: FWGRQLmw007C-1067-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 11:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>-3</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.1</u>	Temperature (°C): <u>15.51</u>	DO (mg/L): <u>2.28</u> Specific Conductivity (mS/cm): <u>1.48</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: SB Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
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	8081	Pest
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU DATE: 10/9/2008 START TIME: 10:55

WELL ID: RQLmw-008

WELL DEPTH: _____ INITIAL WATER LEVEL: 8.7

WELL DIAMETER _____ SCREEN INTERVAL: 6 - 16

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 11.0

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)
11:14	8.90	0.2	0.5	14.57	0.95	2.71	5.8	999
11:17	8.90	0.2	0.6	14.47	0.95	2.14	5.82	999
11:20	8.90	0.2	0.6	14.49	0.95	2.42	5.86	999

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-008 SampleID: FWGRQLmw-008C-1068-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 11:25

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>5.88</u>	Temperature (°C): <u>14.36</u>	DO (mg/L): <u>2.62</u>
		Specific Conductivity (mS/cm): <u>0.95</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 55
 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
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
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: RAMSDELL QU DATE: 10/9/2008 START TIME: 11:00
 WELL ID: RQLmw-009
 WELL DEPTH: _____ INITIAL WATER LEVEL: 7.46
 WELL DIAMETER _____ SCREEN INTERVAL: 5.9 - 15.9
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 10.9
 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)
11:11	7.66	0.25	0.2	15.78	0.645	1.92	5.96	3.1
11:14	7.66	0.25	0.75	15.85	0.633	2.5	6.1	0.5
11:17	7.65	0.25	0.75	15.88	0.614	3.51	6.23	0
11:20	7.65	0.25	0.75	15.87	0.609	4.23	6.29	0
11:23	7.65	0.25	0.75	15.9	0.613	4.75	6.35	0
11:26	7.65	0.25	0.75	15.92	0.618	4.68	6.36	0

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-009 SampleID: FWGRQLmw-009C-1069-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 11:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.37</u>	Temperature (°C): <u>15.9</u>	DO (mg/L): <u>4.63</u>
		Specific Conductivity (mS/cm): <u>0.62</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: _____

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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
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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: RAMSDELL QU DATE: 10/9/2008 START TIME: 8:39
 WELL ID: RQLmw-012
 WELL DEPTH: _____ INITIAL WATER LEVEL: 23.9
 WELL DIAMETER _____ SCREEN INTERVAL: 19.8 - 29.8
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.8
 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)
8:56	24.01	0.24	0.2	12.55	0.716	3.99	4.15	1
8:59	23.98	0.24	0.72	12.48	0.75	3.13	4.07	0
9:02	23.94	0.24	0.72	12.46	0.796	2.36	3.98	0
9:05	23.91	0.24	0.72	12.49	0.805	1.88	3.96	0
9:08	23.90	0.24	0.72	12.43	0.828	1.63	3.95	0

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-012 SampleID: FWGRQLmw-012C-1070-GW/GF DuplID: FWGRQLmw-DUP5-1105-GW/GF
 SplitID: FWGRQLmw-012C-1119S-GW/GF RinseID: FWGEQUIPRINSE-1124-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 9:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.833</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>3.98</u>	Temperature (°C): <u>12.41</u>	DO (mg/L): <u>1.56</u>	Specific Conductivity (mS/cm): <u>0.82</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: LS Cmt: 4 perchlorates collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	4	NaOH	9012	Cyanide
1L/Amber	8	4C	8270	SVOC
1L/Amber	4	4C	8330	Explo
1L/Amber	8	4C	8082	PCB
1L/Poly	4	HNO3	6010/6020/7470	Metals
40ml/Vial	12	HCl	8260	VOC
1L/Amber	8	4C	8081	Pest
1L/Amber	7	4C	353.2/8330	Propellants

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU DATE: 10/9/2008 START TIME: 9:35

WELL ID: RQLmw-013

WELL DEPTH: 36.4 INITIAL WATER LEVEL: 27.37

WELL DIAMETER _____ SCREEN INTERVAL: 23.7 - 33.7

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 28.7

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

COMMENTS Cloudy Yellow Odor:Sulfur

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	27.37	0.44	0.2	12.45	0.417	12.58	5.31	461
9:51	27.68	0.44	1.32	12.21	0.419	9.49	3.95	186
9:54	27.71	0.44	1.32	12.14	0.421	9.37	3.92	130
9:58	27.73	0.44	1.76	12.1	0.426	9.14	3.91	116

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

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-013 SampleID: FWGRQLmw-013C-1071-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 10:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>116</u>	Color: <u>Cloudy Yellow</u>
		Odor: <u>Sulfur</u>

pH: 3.91 Temperature (°C): 12.1 DO (mg/L): 9.14 Specific Conductivity (mS/cm): 0.426

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SE AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: 3 perchlorate samples collected.

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
 LOCATION: RAMSDELL QU DATE: 10/9/2008 START TIME: 11:40
 WELL ID: RQLmw-014
 WELL DEPTH: 31.45 INITIAL WATER LEVEL: 21.92
 WELL DIAMETER: SCREEN INTERVAL: 18.6 - 28.6
 PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 23.6
 PUMP READINGS: Throttle: 50 Recharge: 7 Discharge: 8
 COMMENTS Cloudy Yellow Odor:slight sulfur odor

TIME	WATER LEVEL (btoc)	PURGE RATE (L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
11:53	21.92	0.4	0.2	13.32	0.165	1.39	5.64	2000
11:56	22.21	0.4	1.2	13.08	0.19	1.04	5.6	515
11:59	22.21	0.4	1.2	13.02	0.229	0.88	5.68	336
12:03	22.20	0.4	1.6	12.86	0.27	0.78	5.75	264
12:06	22.20	0.4	1.2	12.79	0.297	0.78	5.81	203
12:09	22.20	0.4	1.2	12.83	0.319	0.78	5.84	149
12:12	22.20	0.4	1.2	12.78	0.33	0.79	5.86	113

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

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-014 SampleID: FWGRQLmw-014C-1072-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 12:15

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>113</u>	Color: <u>Cloudy Yellow</u>
		Odor: <u>slight sulfur odor</u>

pH: 5.86 Temperature (°C): 12.78 DO (mg/L): 0.79 Specific Conductivity (mS/cm): 0.33

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 65
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: 1 perchlorate sample collected.

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	8081	Pest
1L/Amber	2	4C	8082	PCB
40ml/Vial	3	HCl	8260	VOC
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP

PROJECT NUMBER: 030240.0006

LOCATION: RAMSDELL QU

DATE: 10/9/2008

START TIME: 13:18

WELL ID: RQLmw-015

WELL DEPTH: 41.96

INITIAL WATER LEVEL: 32.9

WELL DIAMETER: _____

SCREEN INTERVAL: 29.2 - 39.2

PUMP/PURGING DEVICE: BP - BLADDER PUMP

PUMP INTAKE DEPTH: 34.2

PUMP READINGS: Throttle: 60

Recharge: 8

Discharge: 7

COMMENTS Very cloudy 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)
13:39	32.90	0.34	0.2	15.57	0.224	1.72	6.2	5999
13:42	33.38	0.34	1.02	13.94	0.22	0.62	6.16	5999
13:45	33.56	0.34	1.02	13.68	0.223	0.53	6.16	1858
13:48	12.60	0.34	1.02	13.51	0.223	0.47	6.15	2000

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

Field Personnel: ZS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-015 SampleID: FWGRQLmw-015C-1073-GW/GF DupID: _____

SplitID: _____ RinseID: _____

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

GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 13:50

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>2000</u>	Color: <u>Very cloudy orange</u>
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		Odor: <u>None</u>
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pH: 6.15 Temperature (°C): 13.51 DO (mg/L): 0.47 Specific Conductivity (mS/cm): 0.223

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 70

SHIPPED VIA: Lab Pickup

SHIPPED TO: Testamerica

SAMPLER: ZS Cmt: 1 perchlorate sample collected.

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8082	PCB
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	1	4C	8330	Explo
1L/Amber	2	4C	8270	SVOC
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: RAMSDELL QU DATE: 10/9/2008 START TIME: 9:30
WELL ID: RQLmw-016
WELL DEPTH: _____ INITIAL WATER LEVEL: 36.25
WELL DIAMETER _____ SCREEN INTERVAL: 28.5 - 38.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 33.5
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)
9:44	36.38	0.2	0.2	13.52	2.33	7.06	6.19	14
9:47	36.59	0.18	0.54	12.65	2.32	3.83	6.28	-3
9:50	36.74	0.18	0.54	12.73	2.27	2.33	6.32	-0.1
9:53	3.96	0.18	0.54	12.71	2.27	2.15	6.32	-1.1

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-016 SampleID: FWGRQLmw-016C-1074-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 10:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>-3.1</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.34</u>	Temperature (°C): <u>12.69</u>	DO (mg/L): <u>2.11</u>
		Specific Conductivity (mS/cm): <u>2.27</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorates collected

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
1L/Amber	2	4C	8270	SVOC
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: RAMSDELL QU DATE: 10/9/2008 START TIME: 9:15
 WELL ID: RQLmw-017
 WELL DEPTH: 32.69 INITIAL WATER LEVEL: 31.11
 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 Dry at 0917 after approx 2 liters purged. 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)
9:16	31.11	0.1	0.2	11.76	0.567	6.53	5.7	410
9:17	31.43	0.5	2	11.72	0.554	5.82	5.69	578
9:18	32.69	1	2	11.33	0.554	5.78	5.71	590

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

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: RAMSDELL Q PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: RQLmw-017 SampleID: FWGRQLmw-017C-1075-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: B - Bailer MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/9/2008 TIME: 13:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>522</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	

pH: 5.7 Temperature (°C): 11.75 DO (mg/L): 5.78 Specific Conductivity (mS/cm): 0.555

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: N AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: ZS Cmt: Collected throughout day. 1 perchlorate sample collected but not filtered. Return'd 10-10 for Metals.

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 10/10/2008 START TIME: 8:45
WELL ID: WBGmw-005
WELL DEPTH: _____ INITIAL WATER LEVEL: 8.06
WELL DIAMETER _____ SCREEN INTERVAL: 8.3 - 18.3
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.3
PUMP READINGS: Throttle: 60 Recharge: 12.5 Discharge: 2.5
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)
8:56	8.72	0.18	0.2	13.81	0.671	9.27	5.93	900
8:59	8.90	0.18	0.54	13.87	0.659	7.02	6.16	536
9:02	9.27	0.16	0.48	13.9	0.654	7.14	6.16	474
9:05	9.46	0.16	0.48	14.05	0.641	6.55	6.2	318

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-005 SampleID: FWGWBGmw-005C-1076-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: Y
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 9:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>289</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>6.22</u>	Temperature (°C): <u>14.08</u>	DO (mg/L): <u>6.36</u>	Specific Conductivity (mS/cm): <u>0.639</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: 3 perchorates collected

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: WINKLEPECK DATE: 10/10/2008 START TIME: 11:47

WELL ID: WBGmw-008

WELL DEPTH: _____ INITIAL WATER LEVEL: 16.22

WELL DIAMETER _____ SCREEN INTERVAL: 8.1 - 18.2

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 13.2

PUMP READINGS: Throttle: 60 Recharge: 12 Discharge: 3

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)
11:59	16.41	0.2	0.2	14.64	0.9	12.01	7.66	51.7
12:02	16.54	0.2	0.6	14.05	0.84	5.3	7.56	97.4
12:05	16.63	0.2	0.6	13.98	0.841	4.07	7.4	132
12:08	16.63	0.2	0.6	13.88	0.839	3.26	7.32	78.5
12:11	16.64	0.2	0.6	13.78	0.845	2.78	7.29	33
12:14	16.64	0.2	0.6	13.74	0.845	2.73	7.31	35.2

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-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: 10/10/2008 TIME: 12:20

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>26.8</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.32 Temperature (°C): 13.74 DO (mg/L): 2.7 Specific Conductivity (mS/cm): 0.847

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: S AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Amber	2	4C	8081	Pest
1L/Amber	2	4C	353.2/8330	Propellants
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
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 10/10/2008 START TIME: 8:25
WELL ID: WBGmw-010
WELL DEPTH: _____ INITIAL WATER LEVEL: 9.44
WELL DIAMETER _____ SCREEN INTERVAL: 10.5 - 20.5
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 15.5
PUMP READINGS: Throttle: 25 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)
8:39	9.53	0.2	0.5	12.72	0.711	1.47	6.29	248
8:42	9.54	0.2	0.6	12.9	0.703	1.12	6.47	274
8:45	9.54	0.2	0.6	12.29	0.706	1.06	6.57	208
8:48	9.54	0.2	0.6	12.54	0.705	1.05	6.63	216
8:51	9.54	0.2	0.6	12.48	0.705	1.01	6.67	185

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-010 SampleID: FWGWBGmw-010C-1078-GW/GF DuplID: FWGWBGmw-DUP9-1106-GW/GF
 SplitID: FWGWBGmw-010C-1120S-GW/GF RinseID: FWGEQUIPRinse5-1025-GW
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 9:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>148</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.69</u>	Temperature (°C): <u>12.63</u>	DO (mg/L): <u>1.04</u>
		Specific Conductivity (mS/cm): <u>0.697</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 50
 SHIPPED VIA: Lab PU/FedEx
 SHIPPED TO: Multiple Labs
 SAMPLER: EC Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	3	NaOH	9012	Cyanide
1L/Amber	5	4C	353.2/8330	Propellants
1L/Amber	5	4C	8082	PCB
1L/Amber	5	4C	8081	Pest
1L/Amber	6	4C	8270	SVOC
1L/Poly	3	HNO3	6010/6020/7470	Metals
40ml/Vial	8	HCl	8260	VOC
1L/Amber	3	4C	8330	Explo

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 10/10/2008 START TIME: 11:00
WELL ID: WBGmw-011
WELL DEPTH: _____ INITIAL WATER LEVEL: 11.98
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 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	11.99	0.2	0.5	15.03	0.566	3.13	6.53	999
11:22	12.00	0.2	0.6	14.77	0.563	3.03	6.4	999
11:25	12.03	0.2	0.6	14.66	0.559	4.03	6.38	715
11:28	12.03	0.2	0.6	14.73	0.555	4.86	6.4	610

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-1079-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 11:35

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>467</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 6.41 Temperature (°C): 14.72 DO (mg/L): 5.12 Specific Conductivity (mS/cm): 0.553

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: EC Cmt: perchlorate collected

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

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 10/8/2008 START TIME: 14:55
WELL ID: WBGmw-012
WELL DEPTH: 31.73 INITIAL WATER LEVEL: 24.3
WELL DIAMETER: _____ SCREEN INTERVAL: 19 - 29
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 24.0
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)
15:03	24.33	0.2	0.2	13.03	0.763	6.97	7.52	799
15:06	24.49	0.18	0.54	12.78	0.761	6.38	7.55	682
15:09	24.58	0.18	0.54	12.54	0.756	5.62	7.38	517
15:12	24.66	0.18	0.54	12.37	0.751	5.12	7.32	485
15:15	24.72	0.18	0.54	12.34	0.748	4.87	7.3	459

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-012 SampleID: FWGWGBmw-012C-1080-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 15:30

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>459</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>7.31</u>	Temperature (°C): <u>12.35</u>	DO (mg/L): <u>4.02</u>
		Specific Conductivity (mS/cm): <u>0.748</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 55
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: CAL Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
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
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006
LOCATION: WINKLEPECK DATE: 10/8/2008 START TIME: 15:40
WELL ID: WBGmw-013
WELL DEPTH: 24.1 INITIAL WATER LEVEL: 12.3
WELL DIAMETER: _____ SCREEN INTERVAL: 11 - 21
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0
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)
15:53	12.33	0.2	0.2	13.53	0.341	5.58	6.9	1000
15:59	12.33	0.2	1.2	13.74	0.343	5.31	6.66	1000
16:02	12.34	0.2	0.6	13.85	0.342	5.24	6.48	1000
16:05	12.34	0.2	0.6	13.96	0.345	5.19	6.37	1000
16:08	12.35	0.2	0.6	14.08	0.35	5.14	6.29	757
16:11	12.35	0.2	0.6	14.06	0.353	5.1	6.26	714
16:14	12.35	0.2	0.6	14.02	0.356	5.09	6.24	627

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-013 SampleID: FWGWBGmw-013C-1081-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/8/2008 TIME: 16:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>596</u>	Color: <u>Clear</u>
		Odor: <u>None</u>
pH: <u>6.24</u>	Temperature (°C): <u>13.99</u>	DO (mg/L): <u>5.07</u>
		Specific Conductivity (mS/cm): <u>0.356</u>

GENERAL INFORMATION

SUN/OVERCAST: Overcast PERCIPITATION: Y WIND DIRECTION: SW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: perchlorate collected

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	2	4C	8081	Pest
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals

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: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 13:40

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>63</u>	Color: <u>Clear</u>	
		Odor: <u>None</u>	
pH: <u>7.37</u>	Temperature (°C): _____	DO (mg/L): <u>0.96</u>	Specific Conductivity (mS/cm): <u>0.524</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: NE AMBIENT TEMP (°F): 70
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: JL/EB Cmt: perchlorate collected

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	8082	PCB
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC

MONITOR WELL PURGING FORM

PROJECT NAME: RVAAP PROJECT NUMBER: 030240.0006

LOCATION: WINKLEPECK DATE: 10/10/2008 START TIME: 8:15

WELL ID: WBGmw-015

WELL DEPTH: _____ INITIAL WATER LEVEL: 14.8

WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21

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

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

COMMENTS good 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)
8:30	14.91	0.2	0.2	12.29	0.884	0.5	6.39	1000
8:33	14.90	0.2	0.6	12.33	0.88	0.26	6.59	866
8:36	14.90	0.2	0.6	12.47	0.874	0.17	6.81	491
8:39	14.90	0.2	0.6	12.58	0.874	0.11	6.9	385
8:42	14.93	0.2	0.6	12.71	0.865	0.12	7.01	297
8:45	14.94	0.2	0.6	12.77	0.864	0.13	7.07	333

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

Field Personnel: LS

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-015 SampleID: FWGWBGmw-015C-1084-GW/GF DupIID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 8:45

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>351</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.1 Temperature (°C): 12.79 DO (mg/L): 0.12 Specific Conductivity (mS/cm): 0.863

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 45
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: LS Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
250ml/Poly	1	NaOH	9012	Cyanide
1L/Amber	2	4C	8270	SVOC
1L/Amber	2	4C	8082	PCB
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	1	4C	8330	Explo
40ml/Vial	3	HCl	8260	VOC
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: WINKLEPECK DATE: 10/10/2008 START TIME: 9:35

WELL ID: WBGmw-016

WELL DEPTH: _____ INITIAL WATER LEVEL: 15.62

WELL DIAMETER _____ SCREEN INTERVAL: 13 - 23

PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 18.0

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

COMMENTS good recharge Clear Odor:None

TIME	WATER LEVEL (btoe)	PURGE RATE L/min)	VOLUME PURGED (L)	TEMP. (°C)	SPECIFIC CONDUCT. (mS/cm)	DO (mg/L)	pH	Turb (NTU)
9:45	15.63	0.2	1	12.52	0.819	1.48	7.28	1000
9:48	15.63	0.2	0.6	12.54	0.82	0.76	7.33	889
9:51	15.63	0.2	0.6	12.57	0.819	0.67	7.35	531

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

Field Personnel: AD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-016 SampleID: FGWWBGmw-016-1084-GW/GF DupID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 10:10

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>0.819</u>	Color: <u>Clear</u>
		Odor: <u>None</u>

pH: 7.35 Temperature (°C): 12.58 DO (mg/L): 0.66 Specific Conductivity (mS/cm): 0.556

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD Cmt: perchlorate collected

CONTAINER		PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS
SIZE/TYPE	NUMBER			
1L/Poly	1	HNO3	6010/6020/7470	Metals
1L/Amber	2	4C	8082	PCB
250ml/Poly	2	NaOH	9012	Cyanide
1L/Amber	1	4C	8330	Explo
1L/Amber	2	4C	8081	Pest
40ml/Vial	3	HCl	8260	VOC
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: 10/10/2008 START TIME: 10:30
WELL ID: WBGmw-017
WELL DEPTH: _____ INITIAL WATER LEVEL: 10.73
WELL DIAMETER _____ SCREEN INTERVAL: 11 - 21
PUMP/PURGING DEVICE: BP - BLADDER PUMP PUMP INTAKE DEPTH: 16.0
PUMP READINGS: Throttle: 50 Recharge: 10 Discharge: 5
COMMENTS look for pink markers, good recharge 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)
10:43	10.75	0.2	0.2	12.69	0.716	1.93	7.49	1000
10:46	10.76	0.2	0.6	12.62	0.716	0.35	7.47	1000
10:49	10.77	0.2	0.6	12.71	0.716	0.09	7.48	1000

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

Field Personnel: AD

FIELD SAMPLING REPORT

PROJECT: RVAAP LOCATION: WINKLEPEC PROJECT NO.: 030240.0006

SAMPLE INFORMATION

WELL: WBGmw-017 SampleID: FWGWBGmw-017C-1085-GW/GF DuplID: _____
 SplitID: _____ RinseID: _____
 MATRIX: WG - Ground Water SAMPLING METHOD: BP - Bladder Pump MS/MSD: N
 GRAB: Y COMPOSITE: N DATE: 10/10/2008 TIME: 11:00

FIELD READINGS / OBSERVATIONS

	Turb (NTU): <u>1000</u>	Color: <u>Cloudy</u>
		Odor: <u>None</u>
pH: <u>7.49</u>	Temperature (°C): <u>12.74</u>	DO (mg/L): <u>0.03</u>
		Specific Conductivity (mS/cm): <u>0.715</u>

GENERAL INFORMATION

SUN/OVERCAST: Sunny PERCIPITATION: N WIND DIRECTION: SW AMBIENT TEMP (°F): 60
 SHIPPED VIA: Lab Pickup
 SHIPPED TO: Testamerica
 SAMPLER: AD Cmt: perchlorate collected

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
40ml/Vial	3	HCl	8260	VOC
1L/Amber	2	4C	8270	SVOC
1L/Poly	1	HNO3	6010/6020/7470	Metals

DAILY QUALITY CONTROL REPORTS

Date: 6-Oct

	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	100608	
		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: LL1mw-064, LL1mw-065, LL1mw-079, LL2mw-268, LL2mw-261, LL2mw-264, LL2mw-060, LL2mw-265, LL2mw-270, LL3mw-232, LL3mw-233, LL3mw-234, LL4mw-195, and LL4mw-200. Field duplicate and QA split samples were collected from LL2mw-265 and LL3-234. Extra volume was collected from LL2mw-261 and LL3-232 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. 100608

Job No. 30240 Date: 10/6/2008

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. At least one team member from each vehicle was equipped with a cellular phone. Personnel were directed to watch for ticks and stinging insects, as well as take steps to prevent sun burn. Personnel were also instructed to be alert for roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

An attempt was made to sample LL1mw-063. However, due to insufficient volume in this well it was purged until stabilization and then went dry. A team will return tomorrow to attempt to collect sample using a bailer.

SPECIAL NOTES:

The trip blanks submitted by Team 4 and Team 5 were empty (there was no water in the sample containers). Upon notification (October 7, 2008) by the laboratory, the Ohio EPA was notified (Vicki Deppisch), and the need for resampling of the affected wells was discussed. Based on the discussion with the Ohio EPA it was determined that resampling was not necessary. Note that the only VOCs detected in the affected wells (LL1mw-065, LL1mw-079, LL4mw-200, LL1mw-064, and LL4mw-195) were acetone and benzene associated with method blank contamination found in a majority of the samples analyzed in this particular SDG.

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

By: Eric Corbin 12/16/08
(Signature and date)

QA Checked by: J. M. Miller 12/16/08
(Signature and date)

Date: 7-Oct

	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. 100708	
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: LL12mw-088, LL12mw-107, LL12mw-113, LL12mw-128, LL12mw-154, LL12mw-184, LL12mw-185, LL12mw-187, LL12mw-188, LL12mw-242, LL12mw-243, LL12mw-244, LL12mw-245, LL12mw-246, LL3mw-237, LL3mw-240, LL3mw-241, LL3mw-243, LL4mw-193, and LL4mw-194. Field duplicate and QA split samples were collected from LL12mw-107 and LL12mw-245. Extra volume was collected from LL12mw-154 and LL12mw-128 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. 100708

Job No. 30240 Date: 10/7/2008

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. At least one team member from each vehicle was equipped with a cellular phone. Personnel were directed to watch for ticks and stinging insects, as well as take steps to prevent sun burn. Personnel were also instructed to be alert for roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Returned to LL1mw-063 to collect sample using bailer. Only minimal volume was able to be collected and a team will return tomorrow to attempt to finish collecting. An attempt was made to sample LL3mw-235. However, due to insufficient volume in this well it was purged until stabilization and then went dry. A team will return tomorrow to attempt to finish collecting sample using a bailer.

SPECIAL NOTES:

NA

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

By: Eric Corbin 12/16/08
(Signature and date)

QA Checked by: [Signature] 12/16/08
(Signature and date)

Date: 8-Oct

			X			
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen BeckhamProject Ravenna Army Ammunition Plant Groundwater MonitoringJob No. 30240Contract No. W912QR-04-D-0036

Weather	Bright Sun	Clear	Over- Cast X	Rain X	Snow
Temp	To 32	32-50	50-70 X	70-85	85 up
Wind	Still	Moder X	High	Report No.	
Humidity	Dry	Moder	Humid X	100808	

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: B12mw-011, B12mw-012, CBPmw-005 (aliquot collected for ClO_4 only), FBQmw-166, FBQmw-167, FBQmw-168, FBQmw-169, FBQmw-170, FBQmw-171, FBQmw-172, FBQmw-173, FBQmw-174, FBQmw-175, FBQmw-176, FBQmw-177, LL12mw-189, LL1mw-063, LL2mw-235, LNWMw-024, LNWMw-025, LNWMw-026, LNWMw-027, WBGmw-012, and WBGmw-013. Field duplicate and QA split samples were collected from LNWMw-027 and FBQmw-176. Extra volume was collected from LNWMw-025 and FBQmw-170 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. 100808

Job No. 30240 Date: 10/8/2008

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. At least one team member from each vehicle was equipped with a cellular phone. All personnel were advised of special conditions at WBG. Personnel were directed to watch for ticks and stinging insects, as well as take steps to prevent sun burn. Personnel were also instructed to be alert for roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Returned to LL1mw-063 and LL3mw-235 to sample by bailer. Wells were sampled until dry; team returned throughout day to collect additional sample. Not all bottles could be filled, will return tomorrow to collect remaining volumes. An attempt was made to sample B12mw-012. However, due to insufficient volume in this well it was purged until stabilization and then went dry. A team will return tomorrow to attempt to finish collecting sample.

SPECIAL NOTES:

NA

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

By: Eric Corbin 12/16/08
(Signature and date)

QA Checked by: [Signature] 12/16/08
(Signature and date)

Date: 9-Oct

			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	Over-Cast	Rain	Snow
Temp	To 32	32-50	50-70 X	70-85	85 up
Wind	Still	Moder X	High	Report No.	
Humidity	Dry	Moder X	Humid	100908	

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: B12mw-010, CBLmw-002, CBLmw-003, CBLmw-004, CBPmw-001, CBPmw-002, CBPmw-003, CBPmw-004, CPmw-006, CPmw-001, CPmw-002, CPmw-003, CPmw-004, CPmw-005, RQLmw-007, RQLmw-008, RQLmw-009, RQLmw-012, RQLmw-013, RQLmw-014, RQLmw-015, RQLmw-016, and RQLmw-017. Field duplicate and QA split samples were collected from CBPmw-004, CPmw-006, and RQLmw-012. Extra volume was collected from CBPmw-002, CPmw-005, and RQLmw-013 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. 100908

Job No. 30240 Date: 10/9/2008

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. At least one team member from each vehicle was equipped with a cellular phone. Personnel were directed to watch for ticks and stinging insects, as well as take steps to prevent sun burn. Personnel were also instructed to be alert for roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Returned to B12mw-012, LL3mw-235, and LL1mw-063 to sample. Wells were sampled until dry; team returned throughout day to collect additional sample. Only minimim volumes could be collected for LL3mw-235. An attempt was made to sample RQLmw-017. However, due to insufficient volume in this well it was purged until stabilization and then went dry. A team will return tomorrow to attempt to finish collecting the sample using a bailer.

SPECIAL NOTES:

NA

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 10 wells.

By: *Eric Carver* 12/16/08
(Signature and date)

QA Checked by *[Signature]* 12/16/08
(Signature and date)

Date: 10-Oct

					X	
S	M	T	W	T	F	S

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen BeckhamProject Ravenna Army Ammunition Plant Groundwater MonitoringJob No. 30240Contract No. W912QR-04-D-0036

Weather	Bright Sun X	Clear	Over- Cast	Rain	Snow
Temp	To 32	32-50	50-70 X	70-85	85 up
Wind	Still	Moder X	High	Report No.	
Humidity	Dry	Moder X	Humid	101008	

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: CBLmw-001, CBPmw-008, LL5mw-001, LL5mw-002, LL5mw-003, LL5mw-004, LL5mw-006, WBGmw-005, WBGmw-008, WBGmw-010, WBGmw-011, WBGmw-014, WBGmw-015, WBGmw-016, and WBGmw-017. Field duplicate and QA split samples were collected from WBGmw-010 and LL5mw-006. Extra volume was collected from WBGmw-005 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. 101008

Job No. 30240 Date: 10/10/2008

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. At least one team member from each vehicle was equipped with a cellular phone. All personnel were advised of special conditions at WBG. Personnel were directed to watch for ticks and stinging insects, as well as take steps to prevent sun burn. Personnel were also instructed to be alert for roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

Returned to RQLmw-017, and LL1mw-063 to sample by bailer. Volumes collected over previous days were packed and submitted to lab at the end of day for analysis. There was sufficient volume from each well to perform all required analyses, however, volumes collected were minimum volumes in some cases. Additionally, the perchlorate aliquot from RQLmw-017 could not be field filtered; lab was requested to filter sample upon receipt.

SPECIAL NOTES:

NA

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.

By: Eric Corbin 12/16/08
(Signature and date)

QA Checked by: [Signature] 12/16/08
(Signature and date)

Date: 13-Oct

	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	50-70 X	70-85	85 up
Wind	Still	Moder X	High	Report No.	
Humidity	Dry	Moder X	Humid	101308	

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-104, DA2mw-105, DA2mw-106, DA2mw-108, DA2mw-109, DA2mw-110, DA2mw-111, DA2mw-112, DA2mw-113, DET-003, DET-004, EBGmw-123, EBGmw-124, EBGmw-125, EBGmw-126, EBGmw-127, EBGmw-128, EBGmw-129, EBGmw-130, and LL5mw-005. Field duplicate and QA split samples were collected from DA2mw-110 and EBGmw-127. Extra volume was collected from EBGmw-129 and EBGmw-130 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. 101308

Job No. 30240 Date: 10/13/2008

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. At least one team member from each vehicle was equipped with a cellular phone. Personnel were directed to watch for ticks and stinging insects, as well as take steps to prevent sun burn. Personnel were also instructed to be alert for roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

An attempt was made to sample DET-004. However, due to insufficient volume in this well it was purged until it went dry. After recharging a partial volume of sample was collected throughout the day. A team will return tomorrow to attempt to finish collecting the sample using a bailer.

SPECIAL NOTES:

NA

TOMORROWS EXPECTATIONS:

Expectations for tomorrow are to safely and correctly collect samples from a minimum of 15 wells.

By: Eric Corbin 12/16/08
(Signature and date)

QA Checked by: [Signature] 12/16/08
(Signature and date)

Date: 14-Oct

	X				
S	M	T	W	T	F

DAILY QUALITY CONTROL REPORT

COE Project Manager Glen BeckhamProject Ravenna Army Ammunition Plant Groundwater MonitoringJob No. 30240Contract No. W912QR-04-D-0036

Weather	Bright Sun X	Clear	Over-Cast X	Rain	Snow
Temp	To 32	32-50	50-70 X	70-85	85 up
Wind	Still	Moder X	High	Report No.	
Humidity	Dry	Moder X	Humid	101408	

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: LL6mw-001, LL6mw-002, LL6mw-003, LL6mw-004, MBSmw-001, MBSmw-002, MBSmw-003, MBSmw-004, MBSmw-005, MBSmw-006, NTAmw-107, NTAmw-108, NTAmw-109, NTAmw-110, NTAmw-111, NTAmw-112, NTAmw-113, NTAmw-114, NTAmw-115, NTAmw-116, NTAmw-117, and NTAmw-118. A field duplicate and QA split sample were collected from NTAmw-110. Extra volume was collected from NTAmw-111 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. 101408

Job No. 30240 Date: 10/14/2008

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. At least one team member from each vehicle was equipped with a cellular phone. Personnel were directed to watch for ticks and stinging insects, as well as take steps to prevent sun burn. Personnel were also instructed to be alert for roaming deer.

PROBLEMS ENCOUNTERED/CORRECTIVE ACTION (S) TAKEN:

An attempt was made to sample LL6mw-001 and LL6mw-002. However, due to insufficient volume in these wells purging through stabilization parameters was attempted prior to the well going dry. A team continued collecting LL6mw-002 volume throughout the day and will return to LL6mw-001 tomorrow to attempt to collect remaining sample volumes.

SPECIAL NOTES:

NA

TOMORROWS EXPECTATIONS:

Clean and organize Building 1036. Pack vehicles and leave facility.

By: *Eric Corbin* 12/16/08
(Signature and date)

QA Checked by: *Jo M. [Signature]* 12/16/08
(Signature and date)

Date: 15-Oct

		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	Clear X	Over-Cast	Rain	Snow
Temp	To 32	32-50 X	50-70	70-85	85 up
Wind	Still	Moder X	High	Report No.	
Humidity	Dry	Moder X	Humid	101508	

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 LL6mw-001 to collect remaining sample volumes. Packed equipment for return back to Cincinnati. Collected samples of IDW (purge and decon water) for lab analysis.

