

APPENDIX C

Sample Forms and Photo Log

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Load Line 1

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SAMPLE LOG SHEET

PROJECT NAME:

RVAAP PBA13 SEP/SW @ U1-U4

PROJECT NO:

212950.00.08.30.302

SAMPLE ID NUMBER: LL1SD-731-2532-SD DATE COLLECTED (MM/DD/YY): 05/17/16

GO-LOCATED SURFACE WATER SAMPLE ID: MR 5/17/16

DUPLICATE ID: QA SPLIT ID: TIME: 1115

SAMPLING LOCATION CODE: LL1SD-731

DESCRIPTION (Load Line #): 1 OUTSIDE FENCELINE IH OUTLET CHANNEL A

NORTHING: 2376739.297 EASTING: 564798.6004 ELEVATION: 982.2585893

SAMPLE DEPTH ^{MR 5/17/16} CODE: : 0.0 TO 0.5
BLS

SAMPLE MATRIX: Sed DESCRIPTION: WET SEDIMENT

WEATHER: 57°F Overcast, light wind ACTIVITIES IN AREA: None.

FIELD OBSERVATIONS (soil/water description, depth of water):

SAND TO SILT W/ SOME GRAVEL, FINE, 10YR 4/4, DARK YELLOWISH BROWN, SOFT, WET, NON PLASTIC. Refusal at several Augers, or very little recovery, no augers exceeded 6". 1-3" of water flowing at sample location.

PHOTOGRAPH ID(S): 1593 & 1598 (Hole in fence to enter U1)

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm		
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Lead
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): Push Probe - stainless steel

Recorded By: Muel Pully
 (Signature)

QC Checked by: [Signature]
 (Signature)



Sample location LL1SD-731-2532-SD, 1 to 3 inches of surface water flowing over sediment sample location



Sample location LL1SD-731-2532-SD, access to location through AOC fence

SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

WAAP PBAB SEP/SN AT LL-LL4

212950.00.00.30.302

SAMPLE ID NUMBER: LL2SD-732-2533-SD DATE COLLECTED (MM/DD/YY): 05/17/16

CO-LOCATED SURFACE WATER SAMPLE ID: MR 5/17/16

DUPLICATE ID: _____ QA SPLIT ID: _____ TIME: 1130

SAMPLING LOCATION CODE: LL2SD-732

DESCRIPTION (Load Line #): 1 FURTEST DOWNSTREAM OF OUTLET CHANNEL A

NORTHING: 2376792.66 EASTING: 504845.8371 ELEVATION: 994.2323502

SAMPLE DEPTH CODE: MR 5/17/16 : 0.0 TO 1.0
BLS

SAMPLE MATRIX: sed DESCRIPTION: WET SEDIMENT

WEATHER: 57°F, Overcast ACTIVITIES IN AREA: None

FIELD OBSERVATIONS (soil/water description, depth of water):

SAND TO MOTLED CLAY w/ SOME GRAVEL, FINE, 10YR 4/4 DARK YELLOWISH BROWN, SOFT, MOIST, MED PLASTIC. (CLAY 10YR4/1 DARK GRAY). SOME REFUSAL at this location some aliquots were collected to full foot. 1-3" of water ^{flowing} at sample location. Lots of organic material.

PHOTOGRAPH ID(S): 1590 and MR 5/17/16 1592 (looking upstream)

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm	<u>MR 5/17/16</u>	
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Lead
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): Push Probe - Stainless Steel

Recorded By: Mitch Rilly
(Signature)

QC Checked by: [Signature]
(Signature)



Sample location LL1SD-732-2533-SD, 1 to 3 inches of surface water flowing over sediment sample location



Sample location LL1SD-732-2533-SD, looking upstream

SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

RVAAP PBA13 SED/SW @ LL1-LL4

212950.00.08.30.302

SAMPLE ID NUMBER: LL1SD-733-2534-SD DATE COLLECTED (MM/DD/YY): 05/17/16

^{WR 517116}
CO-LOCATED SURFACE WATER SAMPLE ID: _____

DUPLICATE ID: _____ QA SPLIT ID: _____ TIME: 1145

SAMPLING LOCATION CODE: LL1SD-733

DESCRIPTION (Load Line #): INSIDE FENCE LINE IN OUTLET CHANNEL A

NORTHING: 2376669.658 EASTING: 564721.5432 ELEVATION: 9178.8330767

SAMPLE DEPTH CODE: ^{WR 517116} _____ : 0.0 TO 1.0 Ft
BLS

SAMPLE MATRIX: Sed DESCRIPTION: WET SEDIMENT

WEATHER: 57°F, Partly Cloudy, light wind ACTIVITIES IN AREA: None.

FIELD OBSERVATIONS (soil/water description, depth of water):

SAND TO CLAY, FINE, 10YR 4/4 DARK YELLOWISH BROWN TO 10YR 5/8

YELLOWISH BROWN, SOFT, DAMP, NONPLASTIC. 1-3" of water ^{Flowing} at

sample location. Easy recovery for all aliquots. ^{WR 517116} ^{WR 517116}

PHOTOGRAPH ID(S): 1594 (looking upstream), 1594 (confluence) with outlet B) and 1597 (EXIT FENCE)

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		SI		
CONDUCTIVITY:		mS/cm	<u>5/17/16</u>	
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT

(MI) DISCRETE EQUIPMENT RINSATE TRIP BLANK

MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER LEAD
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): Push Probe - stainless steel

Recorded By: Neil Rilly
(Signature)

QC Checked by: Alanna
(Signature)



Sample location LL1SD-733-2534-SD, looking upstream



Sample location LL1SD-733-2534-SD, looking at confluence



Sample location LL1SD-733-2534-SD, stream exits AOC at fence

SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

RVAAP PBA13 SED/SWE LL1-LL4

212950.00.08.30.302

SAMPLE ID NUMBER: LL1SD-734-2535-5D DATE COLLECTED (MM/DD/YY): 05/17/16

CO-LOCATED SURFACE WATER SAMPLE ID: MR 511716

DUPLICATE ID: QA SPLIT ID: TIME: 0940

SAMPLING LOCATION CODE: LL1SD-734

DESCRIPTION (Load Line #): 1 GULET OF CHARLIE'S POND IN DITCH AT OUTLET

NORTHING: 2379696.287 EASTING: 563157.9023 ELEVATION: 935.6438535

SAMPLE DEPTH CODE: MR 511716 : 0.0 TO 1.0 FT

SAMPLE MATRIX: Sed^{lm} 5/17/16 SOIL DESCRIPTION: DITCH WAS DRY AT THIS LOCATION POND HAD WATER

WEATHER: 55°F, Overcast, light rain ACTIVITIES IN AREA: None

FIELD OBSERVATIONS (soil/water description, depth of water):

Top 6" - SILT, FINE 10YR 4/2 DARK GRAYISH BROWN, SOFT, DAMP, LOW PLASTIC
 6" - SILT, FINE 10YR 4/2, DARK GRAYISH BROWN, SOFT, WET, LOW PLASTIC
collected soil as ditch was dry at time of sampling.

PHOTOGRAPH ID(S): 1585 and 1586 (charlie's pond)

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm	<u>MR 511716</u>	
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Copper
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): Push probe - stainless steel

Recorded By: Maid Pilly
 (Signature)

QC Checked by: [Signature]
 (Signature)



Sample location LL1SD-734-2535-SD



Sample location LL1SD-734-2535-SD, Charlie's Pond

SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

EVAAAPBA13 SED/SW @ LL1-LL4

212950.00.08.38.302

SAMPLE ID NUMBER: LL1SD-735-2536-SD DATE COLLECTED (MM/DD/YY): 05/17/16

CO-LOCATED SURFACE WATER SAMPLE ID: 2nd 5/17/16

DUPLICATE ID: LL1SD-735-4048-SD QA SPLIT ID: LL1SD-735-2536-SD TIME: 0910

4104-QA

SAMPLING LOCATION CODE: LL1SD-735

DESCRIPTION (Load Line #): 1 DITCH SOUTH OF CHARLIE'S POND

NORTHING: 2386290.806 EASTING: 563167.1123 ELEVATION: 935.0908799

SAMPLE DEPTH CODE: # 5/17/16 : 0.0 TO 1.0
BLS

SAMPLE MATRIX: Sed DESCRIPTION: WED SEDIMENT

WEATHER: 51°F, Overcast, light rain ACTIVITIES IN AREA: None

FIELD OBSERVATIONS (soil/water description, depth of water):

SILT w/ SOME ORGANIC MATERIAL, FINE, 10YR4/2 DARK GRAYISH BROWN, VERY SOFT, SATURATED, NONPLASTIC.

1-3" of water present in ditch. Sample location was moved inside the fence line and marked on GPS. moved north of the crossroad.

PHOTOGRAPH ID(S): 1581 & 1583 (LOOKING DOWN STREAM @ FACILITY FENCE LINE)

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm		
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT

(MI) DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____
MR 5/17/16

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Copper
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): push Probe, SS, 10

Recorded By: Matt Kelly
(Signature)

QC Checked by: ALBQU DIS.
(Signature)



Sample location LL1SD-735-2536-SD, facing downstream



Sample location LL1SD-735-2536-SD, facing facility fence line

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Load Line 2

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SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

RVAAP PBA13 SEN/SW SAMPLING AT LL1-4

212956.00.08.30.302

SAMPLE ID NUMBER: LL2SD-630-2530-SD DATE COLLECTED (MM/DD/YY): 05/16/16

CO-LOCATED SURFACE WATER SAMPLE ID: N/A

DUPLICATE ID: N/A QA SPLIT ID: N/A TIME: 1555

SAMPLING LOCATION CODE: LL2SD-630

DESCRIPTION (Load Line #): 2: Dry, ~~to~~ vegetation lined ditch

NORTHING: 2375822.559 EASTING: 558626.1308 ELEVATION: 96.7417805

SAMPLE DEPTH CODE: MR 5/16/16 : 0.0 TO 1.0 FT
BLS

SAMPLE MATRIX: sed Soil DESCRIPTION: Dry Soil

WEATHER: 60°F, Sunny ACTIVITIES IN AREA: None

FIELD OBSERVATIONS (soil/water description, depth of water):

CLAY, 10YR DARK BROWN, SOFT, ~~AND~~ DAMP, MED PLASTICITY

Ditch was dry, sample collected as soil and not sediment (lev 94)

PHOTOGRAPH ID(S): 083779, 083780

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm	<u>As 5/16/16</u>	
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER _____
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

PAH's, Lead, Silver, 2,4,6-TNT, 2,4-DNT, 4-AminoDNT, Endrin, Kezone, BETA-DHC
 SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): _____

Recorded By: *Amal Kelly*
 (Signature)

QC Checked by: *J. Meyer*
 (Signature)



Sample location LL2SD-630-2530-SD



Sample location LL2SD-630-2530-SD

SAMPLE LOG SHEET

PROJECT NAME:

BVAAD PBA/B SED/SW AT 41-4

PROJECT NO:

212950.00.08.30.302

SAMPLE ID NUMBER: LL2SD-631-2528-SD DATE COLLECTED (MM/DD/YY): 5-17-16

CO-LOCATED SURFACE WATER SAMPLE ID: N/A

DUPLICATE ID: N/A QA SPLIT ID: LL2SD-631-4101-QA TIME: 0940

SAMPLING LOCATION CODE: LL2SD-631

DESCRIPTION (Load Line #): 2

NORTHING: 2375131.49 EASTING: 558165.12 ELEVATION: N/A

SAMPLE DEPTH CODE: ^{WR 5/19/16} : 0 TO 1 ft
BLS

SAMPLE MATRIX: Sediment DESCRIPTION: Wet sediment

WEATHER: 52°F, cloudy winds 1mph NW-SE ACTIVITIES IN AREA: none

FIELD OBSERVATIONS (soil/water description, depth of water):

Silt, 10YR 2/2 primary color, very dark brown, with some dark yellowish brown silt, 10YR 3/6, very soft, saturated, (Ref 2016) Nonplastic, organic odor, woody debris, sticks, leaf matter
Depth is approx. 5' deep

PHOTOGRAPH ID(S): N/A

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm		
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT (MI)

DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Lead, PAHS
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): Pond

Recorded By: 2. Major
(Signature)

QC Checked by: [Signature]
(Signature)

SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

RVAAP PBA13 SED/SW SAMPLING AT LL14

212950.00.08.30.302

SAMPLE ID NUMBER: LL25D-632-2531-5D DATE COLLECTED (MM/DD/YY): 05/16/16

CO-LOCATED SURFACE WATER SAMPLE ID: N/A

DUPLICATE ID: ~~LL25D-4092~~ QA SPLIT ID: LL25D-632-2531-W5/MSD TIME: 1508
~~LL25D-632-4091-FD~~

SAMPLING LOCATION CODE: LL25D-632

DESCRIPTION (Load Line #): 2: Dry vegetation lined ditch

NORTHING: 2375327.125 EASTING: 558016.3199 ELEVATION: 965.2463852

SAMPLE DEPTH CODE: ^{MR 5/14/16} 0.0 TO 1.0 ft

SAMPLE MATRIX: ^{MR 5/14/16} Sed Soil DESCRIPTION: Dry Soil

WEATHER: 62°F, Sunny ACTIVITIES IN AREA: None

FIELD OBSERVATIONS (soil/water description, depth of water):

Top 5": Silt w/ some roots, fine, 10YR 2/2 VERY DARK BROWN, VERY SOFT, MOIST. NON PLASTIC - (Row 94)

Remaining Interval: CLAY, 10YR 3/6 DARK YELLOWISH BROWN, FIRM, DAMP MED PLASTIC. Ditch is dry - sample collected as soil and not sediment.

PHOTOGRAPH ID(S): 083728, 083777

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm	<u>RS 5/16/16</u>	
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER _____
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)
PAH's, Lead, Silver, 2,4,6-TNT, 2,4-DNT, 4-Amino, 6-DNT, Endrin Ketone, Beta, BTK

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): _____

Recorded By: *Michael Kelly*
 (Signature)

QC Checked by: *J. Magan*
 (Signature)



Sample location LL2SD-632-2531-SD



Sample location LL2SD-632-2531-SD

SAMPLE LOG SHEET

PROJECT NAME:

RVAAP PBA13 SED/SW AT LL1-4

PROJECT NO:

212950.00.08.30.302

SAMPLE ID NUMBER: LL2SD-633-2529-SD DATE COLLECTED (MM/DD/YY): 05/16/16

CO-LOCATED SURFACE WATER SAMPLE ID: N/A

DUPLICATE ID: N/A QA SPLIT ID: N/A TIME: 1625

SAMPLING LOCATION CODE: LL2SD-633

DESCRIPTION (Load Line #): 2: Flowing inlet to Kelly's Pond

NORTHING: 2374892.479 EASTING: 558256.2358 ELEVATION: 970.7440634

SAMPLE DEPTH CODE: ^{WR 5/16/16} : 0.0 TO 0.5
BLS

SAMPLE MATRIX: Sed DESCRIPTION: Wet Sediment

WEATHER: 60°F, Partly Cloudy ACTIVITIES IN AREA: None

FIELD OBSERVATIONS (soil/water description, depth of water):

SILT W/ SOME GRAVEL, FINE, 10YR 2/2 VERY DARK BROWN,
VERY SOFT, SATURATED, NON PLASTIC. (Rev 94)

Collected at inlet to Kelly's Pond, Ten gloglets collected and
homogenized, ~5 ft downstream of confluence of running/flowing channel from WNW.

PHOTOGRAPH ID(S): 083782, 083783

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm		
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT
(MI) DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Lead, PAH's
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): _____

Recorded By: M. Kelly
(Signature)

QC Checked by: J. Muer
(Signature)



Sample location LL2SD-633-2529-SD



Sample location LL2SD-633-2529-SD

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Load Line 3

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SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

BVAPP PBA13 SEC0/SW @LL1→LL4

212950.00.08.30.302

SAMPLE ID NUMBER: LL350/SW-553-2538- DATE COLLECTED (MM/DD/YY): 5-17-16

CO-LOCATED SURFACE WATER SAMPLE ID: N/A

DUPLICATE ID: N/A QA SPLIT ID: N/A TIME: 1400

SAMPLING LOCATION CODE: LL350/SW-553
DESCRIPTION (Load Line #): 3

NORTHING: 2368814.397 EASTING: 559530.2336 ELEVATION: 988.537562

SAMPLE DEPTH ^{at 6:30p} CODE: N/A TO N/A
BLS

SAMPLE MATRIX: Surface water DESCRIPTION: N/A

WEATHER: 58 F, cloudy, light rain winds mph W-E ACTIVITIES IN AREA: none

FIELD OBSERVATIONS (soil/water description, depth of water):

Water is clear, colorless, odorless, Approx 15 inches of flowing water, the stream is approx 12-15' wide

PHOTOGRAPH ID(S): 093800, 93802

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	14.20	°C	16675	5-17-16
pH:	6.57	S.U	↓	↓
CONDUCTIVITY:	0.092	mS/cm	↓	↓
DO:	8.02	mg/L	↓	↓
TURBIDITY:	19.8	NTU	↓	↓
OTHER <u>ORP</u> :	171	mV	↓	↓

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT (MI)
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Manganese
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): _____

Recorded By: A. Meyer
(Signature)

QC Checked by: [Signature]
(Signature)



Sample location LL3SD/SW-553-2538-SW



Sample location LL3SD/SW-553-2538-SW

SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

RVAAP PBA13 SED/sw At 41-4

212950.00.08.30.302

SAMPLE ID NUMBER: LL350/SW-553-2537-S0 DATE COLLECTED (MM/DD/YY): 5-17-16

CO-LOCATED SURFACE WATER SAMPLE ID: LL350/SW-553-2538-SW

DUPLICATE ID: N/A QA SPLIT ID: N/A TIME: 1410

SAMPLING LOCATION CODE: LL350/SW-553

DESCRIPTION (Load Line #): 3

NORTHING: 2368814.397 EASTING: 559530.2336 ELEVATION: 988.537562

SAMPLE DEPTH ^{MR 5/14/16} CODE: 0 TO 1
BLS

SAMPLE MATRIX: Sediment DESCRIPTION: Wet sediment

WEATHER: 58 F clouds, light rain, winds 2mph W-F ACTIVITIES IN AREA: none

FIELD OBSERVATIONS (soil/water description, depth of water):

0-4 inches silt, trace amounts of sand rounded 2.5Y 3/3 dark olive brown, very soft, saturated, medium plasticity, roots present, leaf matter

4-8 inches silt, trace amounts of sand, rounded, 10YR 3/4, dark yellowish brown, very soft saturated, medium plasticity. 8-12 inches clay, rounded 2.5Y 4/4, olive brown very soft saturated

PHOTOGRAPH ID(S): 093800, 93802 medium plasticity

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U	<u>MR 5/14/16</u>	
CONDUCTIVITY:		mS/cm		
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT (MI)

DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Antimony, Copper, Iron, Silver, Zinc, 2,4,6-TNT, 4-Amino-2,6-DNT
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): Rush Probe

Recorded By: J. Meyer
(Signature)

QC Checked by: [Signature]
(Signature)



Sample location LL3SD/SW-553-2537-SD



Sample location LL3SD/SW-553-2537-SD

SAMPLE LOG SHEET

PROJECT NAME:

RVAAP PBA13 SED/sw @ LL1→LL4

PROJECT NO:

212950.00.08.30.302

SAMPLE ID NUMBER: LL3SD/sw-554-2539-SD DATE COLLECTED (MM/DD/YY): 5-17-16

CO-LOCATED SURFACE WATER SAMPLE ID: LL3SD/sw-554-2540

DUPLICATE ID: LL3SD/sw-554-4099-FD QA SPLIT ID: LL3SD/sw-554-4102-QA TIME: 1230

SAMPLING LOCATION CODE: LL3sd/sw-554

DESCRIPTION (Load Line #): 3

NORTHING: 2369839.745 EASTING: 558814.8974 ELEVATION: 992.0022374

SAMPLE DEPTH ^{WES/14/16} CODE: 0 TO 1
BLS

SAMPLE MATRIX: Sediment DESCRIPTION: wet sediment

WEATHER: 58°F cloudy winds 2mph W-E ACTIVITIES IN AREA: none

FIELD OBSERVATIONS (soil/water description, depth of water):

silt with trace amount of sand for about 3 inches, rounded, very soft, 2.5Y 5/2, saturated, low plasticity, leaf matter
middle 3-8 inches, clay with trace amounts of sand, rounded, 2.5Y 3/2, dark brown grayish brown, medium plasticity, bottom 8-12 inches, clay with trace amount of sand, rounded, 2.5Y 4/4, olive brown, very soft, saturated, medium plasticity

PHOTOGRAPH ID(S): 093797, 093798, 093799

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:		°C		
pH:		S.U		
CONDUCTIVITY:		mS/cm		
DO:		mg/L		
TURBIDITY:		NTU		
OTHER _____:				

SAMPLE TYPE: GRAB ^{2M517-16} COMPOSITE MULTI-INCREMENT
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Antimony, Copper, Iron, Silver, Zinc, 2,4,6-TNT, 4-Amino-2,6-DNT
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): Push Probe

Recorded By: 2. Moor
(Signature)

QC Checked by: [Signature]
(Signature)



Sample location LL3SD/SW-554-2539-SD



Sample location LL3SD/SW-554-2539-SD

SAMPLE LOG SHEET

PROJECT NAME:

PROJECT NO:

KVAAP PBA13 SED/SW @ LL1-LL4

212950.00.08.30.302

SAMPLE ID NUMBER: LL350/SW-554-2540-SW DATE COLLECTED (MM/DD/YY): 5-17-16

CO-LOCATED SURFACE WATER SAMPLE ID: N/A

DUPLICATE ID: LL350/SW-554-4100 - QA SPLIT ID: LL350/SW-554-4103 - TIME: 1200
FO QA

SAMPLING LOCATION CODE: LL350/SW-554
 DESCRIPTION (Load Line #): 3

NORTHING: 2309839.745 EASTING: 558814.8974 ELEVATION: 992.0022374

SAMPLE DEPTH CODE: ^{3m} N/A TO N/A

SAMPLE MATRIX: surface water BLS DESCRIPTION: see 5/17/16 ~~see 5/17/16~~ N/A

WEATHER: 59 F cloudy winds 2mph W-F ACTIVITIES IN AREA: none

FIELD OBSERVATIONS (soil/water description, depth of water):
water is clear, colorless, odorless, Approx 5 inches of flowing water. The stream is approx 5-7' wide

PHOTOGRAPH ID(S): 093797, 093798, 093799

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	12.92	°C	16675	5-17-16
pH:	6.51	S.U	↓	↓
CONDUCTIVITY:	0.091	mS/cm	↓	↓
DO:	6.16	mg/L	↓	↓
TURBIDITY:	3.2	NTU	↓	↓
OTHER <u>ORP</u> :	146	mV	↓	↓

SAMPLE TYPE: GRAB COMPOSITE MULTI-INCREMENT (MI)
 DISCRETE EQUIPMENT RINSATE TRIP BLANK
 MS/MSD OTHER (SPECIFY) _____

ANALYSES: EXPLOSIVES TAL METALS SVOCs OTHER Manganese
 FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

SAMPLE COLLECTION METHOD: DIRECT FILL WATER DIPPER SS SPOON/SCOOP/TROWEL
 HAND AUGER HAND CORER OTHER (SPECIFY): _____

Recorded By: J. Meyer
 (Signature)

QC Checked by: J. Meyer
 (Signature)



Sample location LL3SD/SW-554-2539-SD