

APPENDIX A

Field Sampling Logs

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SURFACE WATER AND SEDIMENT SAMPLES

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RVAAP PBA08 RI - Surface Water and Wet Sediment Sample Log

USACE - Louisville

2. PROJECT: RVAAP PBA 2008 RI

RVAAP 8451 State Rt. 5
Ravenna, OH 44266

1. COMPANY NAME: SAIC

3. Sample Team: EMILY CUNNINGHAM

RYAN LAURICH

SHEET 1 OF 12

4. LOCATION ID: L12SW-300 & L12SD-300

5. Coordinates Recorded: NA

6. Surface Water Equipment Used: NONE

SAMPLE TYPE: GMB

8. Sample ID: L12SW-300-S001-SW

7. Dupe ID (if needed): NO

8. MS/MSD ID (if needed): NO

9. Split ID (if needed): NO

10. Wet Sediment Equipment Used: HAND PUSH PROBE

SAMPLE TYPE: COMPOSITE

11. Sample ID: L12SD-300-S000-SD

12. Dupe ID (if needed): NO

13. MS/MSD ID (if needed): YES

14. Split ID (if needed): NO

Weather Conditions: CLEAR 10°F

Activities in the Area: NONE

LOCATION SKETCH/COMMENTS

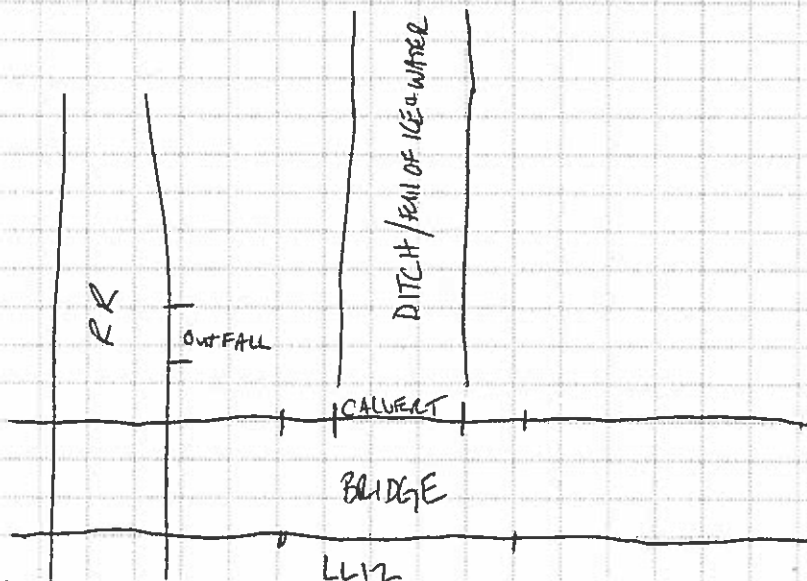
SCALE: None

Field Notes: SAMPLE COLLECTED THROUGH 2" OF ICE AND 2" OF SNOW

HOLES WERE MADE IN ICE USING SPUD BAR AND WET SEDIMENT WAS

COLLECTED USING A PUSH PROBE. WATER IS APPROXIMATELY 2" THICK

SED. K. SOFT AND PROBE GOES IN EASY. 1300 SW; 1320 SD



SURFACE WATER ANALYSES:

☐ EXPLOSIVES ☐ TAL METALS ☐ SVOCs ☒ OTHER: Nitrate
☒ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

WET SEDIMENT ANALYSES:

☒ EXPLOSIVES ☒ TAL METALS ☒ SVOCs ☒ OTHER: PCBs, Nitrate, Pesticides
☐ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

Recorded By:

[Signature] 2/15/2010
(Signature and Date)

QC Checked by:

[Signature] 2/16/2010
Emily Cunningham
(Signature and Date)

SAMPLE LOG SHEET

PROJECT NAME: RVAAP PBA08 RI

PROJECT NO: 172819.00.09456.00.9200.02.200

SAMPLING LOCATION: LL12SW-300 DATE COLLECTED (MM/DD/YY): 03/16/2010

TIME: 1210

SAMPLE TEAM: KLAM LAMBERT & HEATHER MILLER

WEATHER: 50°F, Sunny, no wind ACTIVITIES IN AREA: NONE

FIELD OBSERVATIONS (i.e. Water color, odor, flow....):

LITTLE TO NO FLOW; APPROX 1-1.5' DEEP ORGANIC CLAY BOTTOM; CLEAR.

[Handwritten signature and date 3/16/10 over a large diagonal line]

PHOTOGRAPH ID(S): NONE

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	10.103	°C	15556	03/16/2010 BY SV
pH:	7.38	S.U	↓	↓
CONDUCTIVITY:	0.138	mS/cm	↓	↓
DO:	11.104	mg/L	↓	↓
TURBIDITY:	10.04	NTU	15557	↓
OTHER <u>NA</u> :				

3/16/10

Recorded By: [Signature] 03/16/2010
(Signature)

QC Checked by: [Signature]
(Signature)
3/16/10

RVAAP PBA08 RI - Surface Water and Wet Sediment Sample Log		USACE - Louisville		RVAAP 8451 State Rt. 5 Ravenna, OH 44266
		2. PROJECT: RVAAP PBA 2008 RI		
1. COMPANY NAME: SAIC		3. Sample Team: <u>RYAN LAURICIL</u> <u>EMILY CUNNINGHAM</u>		SHEET 1 OF 2
4. LOCATION ID: <u>L12 SW/SD-307</u>		5. Coordinates Recorded:		
5. Surface Water Equipment Used: <u>NONE</u>		SAMPLE TYPE: <u>GRAB</u>		
6. Sample ID <u>L12SW-307-5003-SW; 1724</u>		7. Dupe ID (if needed) <u>L12SW-307-6033-FD</u>		
8. MS/MSD ID (if needed) <u>NO</u>		9. Split ID (if needed) <u>L12SW-307-6032-QA</u>		
10. Wet Sediment Equipment Used: <u>HAND PUSH PROBE</u>		SAMPLE TYPE: <u>COMPOSITE</u>		
11. Sample ID <u>L12SD-307-5002-SD; 1724</u>		12. Dupe ID (if needed) <u>NO</u>		
13. MS/MSD ID (if needed) <u>NO</u>		14. Split ID (if needed) <u>NO</u>		
Weather Conditions: <u>OVERCAST; 22°F</u>		Activities in the Area: <u>NONE</u>		
LOCATION SKETCH/COMMENTS		SCALE: None		
<p>Field Notes: <u>SAMPLE COLLECTED THROUGH 2" OF SNOW AND</u> <u>~4" OF ICE. SURFACE WATER COLLECTED BY GRAB METHOD</u> <u>THROUGH HOLE MADE IN SNOW/ICE. SMALL HOLE MADE IN A</u> <u>5' RADIUS OF SAMPLE HOLE TO COLLECT WET SEDIMENT. WET</u> <u>SEDIMENT COLLECTED WITH HAND PUSH PROBES.</u></p> <div style="text-align: center;"> </div> <p>Collected SW samples of split and field dupe.</p>				
<p>SURFACE WATER ANALYSES:</p> <p> <input type="checkbox"/> EXPLOSIVES <input type="checkbox"/> TAL METALS <input type="checkbox"/> SVOCs <input checked="" type="checkbox"/> OTHER <u>Nitrate</u> <input checked="" type="checkbox"/> FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs) </p> <p>WET SEDIMENT ANALYSES:</p> <p> <input checked="" type="checkbox"/> EXPLOSIVES <input checked="" type="checkbox"/> TAL METALS <input checked="" type="checkbox"/> SVOCs <input checked="" type="checkbox"/> OTHER <u>Nitrate & PCBs</u> <input type="checkbox"/> FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs) </p>				
Recorded By: <u>Emily Cunningham</u> (Signature and Date) 02/15/2010		QC Checked by: <u>[Signature]</u> 2/16/2010 (Signature and Date)		

SAMPLE LOG SHEET

PROJECT NAME: RVAAP PBA08 RI

PROJECT NO: 172819.00.09456.00.9200.02.200

SAMPLING LOCATION: LL12SW-307 DATE COLLECTED (MM/DD/YY): 03/16/2010TIME: 1505SAMPLE TEAM: HEATHER MILLER & LYAN LAURICHWEATHER: 52°F sunny, no wind ACTIVITIES IN AREA: NONE

FIELD OBSERVATIONS (i.e. Water color, odor, flow....):

CULVERT DISCHARGES TO POND. NEAR BANK WATER IS ABOUT 1-2' DEEP, BUT POND IS
DEEPER AND CAN NOT SEE BOTTOM, POND HAS SOFT SILTY BOTTOM, WATER IS CALM
WITH NO APPARENT FLOW DIRECTION.

PHOTOGRAPH ID(S): NONE

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	8.83	°C	15554	03/14/2010 BH:SV
pH:	7.01	S.U	↓	↓
CONDUCTIVITY:	10.095	mS/cm	↓	↓
DO:	10.20	mg/L	↓	↓
TURBIDITY:	14.5	NTU	15557	↓
OTHER <u>NA</u> :			<u>NA</u>	→

3/16/10

Recorded By:

Heather Miller 03/16/2010
 (Signature)

QC Checked by:

KC
 (Signature)
 3/16/10

RVAAP PBA08 RI - Surface Water and Wet Sediment Sample Log		USACE - Louisville		RVAAP 8451 State Rt. 5	
		2. PROJECT: RVAAP PBA 2008 RI		Ravenna, OH 44266	
1. COMPANY NAME: SAIC		3. Sample Team <u>Ryan Launch</u>		SHEET 1 OF 2	
		<u>EMILY CUNNINGHAM</u>			
4. LOCATION ID: <u>L12SD-309 / L12SW-309</u>		5. Coordinates Recorded:			
5. Surface Water Equipment Used: <u>NONE</u>		SAMPLE TYPE: <u>A&B</u>			
6. Sample ID <u>L12SW-309-5007-SW</u>		7. Dupe ID (if needed) <u>NO</u>			
8. MS/MSD ID (if needed) <u>NO</u>		9. Split ID (if needed) <u>NO</u>			
10. Wet Sediment Equipment Used: <u>Hand Push Probe</u>		SAMPLE TYPE: <u>Composite</u>			
11. Sample ID <u>L12SD-309-5006-SD YES</u>		12. Dupe ID (if needed) <u>L12SD-309-6035-FD YES</u>			
13. MS/MSD ID (if needed) <u>NO</u>		14. Split ID (if needed) <u>L12SD-309-6034-QA YES</u>			
Weather Conditions: <u>OVERCAST: 23°F</u>			Activities in the Area <u>N/A</u>		
LOCATION SKETCH/COMMENTS				SCALE: None	
<p>Field Notes: <u>SAMPLE COLLECTED THROUGH ~3" OF SNOW AND</u></p> <p><u>ABOUT 2" OF ICE. HOLES WERE MADE USING A SPUD BAR</u></p> <p><u>TO BREAK THE ICE. SURFACE WAS MOIST FIRST THEN WET</u></p> <p><u>SEDIMENT (collected by push probe). WATER IS ABOUT 2' DEEP.</u></p> <p><u>SEDIMENT IS SOMEWHAT SOFT AND PROBE GOES INTO IT EASILY.</u></p> <p><u>GOOD RECOVERY. 1510 SW 3 SD</u></p>					
<p>SURFACE WATER ANALYSES:</p> <p> <input type="checkbox"/> EXPLOSIVES <input type="checkbox"/> TAL METALS <input type="checkbox"/> SVOCs <input checked="" type="checkbox"/> OTHER <u>Nitrate</u> <input checked="" type="checkbox"/> FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs) </p> <p>WET SEDIMENT ANALYSES:</p> <p> <input type="checkbox"/> EXPLOSIVES <input type="checkbox"/> TAL METALS <input type="checkbox"/> SVOCs <input checked="" type="checkbox"/> OTHER <u>Nitrate</u> <input checked="" type="checkbox"/> FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs) </p>					
Recorded By: <u>Emily Cunningham</u>		QC Checked by: <u>[Signature]</u> <u>2/15/2010</u>			
(Signature and Date) <u>2/15/10</u>		(Signature and Date)			

REVISED: Pg. 2 of 2

SAMPLE LOG SHEET

PROJECT NAME: RVAAP PBA08 RI

PROJECT NO: 172819.00.09456.00.9200.02.200

SAMPLING LOCATION: U12SW - 309 DATE COLLECTED (MM/DD/YY): 03/16/2010

TIME: 1155

SAMPLE TEAM: KYAN LAURICH & HEATHER MILLER

WEATHER: 45°F, Sunny, NO WIND ACTIVITIES IN AREA: NONE

FIELD OBSERVATIONS (i.e. Water color, odor, flow....):

WATER IS CLEAR, ABOUT 2.5'-3.00' DEEP URBAN/ANT DEBRIS WITH NOT A LOT OF FLOW.
NATURE STREAM W/ GENTLE BANKS.

[Signature]
3/16/15

PHOTOGRAPH ID(S): NONE

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	5.40	°C	15556	03/16/2010 BY SV
pH:	7.39	S.U	↓	↓
CONDUCTIVITY:	0.105	mS/cm	↓	↓
DO:	7.67	mg/L	↓	↓
TURBIDITY:	5.93	NTU	15557	↓
OTHER <u>NA</u> :				→

Recorded By:

[Signature]
(Signature) 03/16/2010

QC Checked by:

[Signature]
(Signature) 3/16/15

RVAAP PBA08 RI - Surface Water and Wet Sediment Sample Log		USACE - Louisville		RVAAP 8451 State Rt. 5	
		2. PROJECT: RVAAP PBA 2008 RI		Ravenna, OH 44266	
1. COMPANY NAME: SAIC		3. Sample Team <u>Ryan Launch</u> <u>Emily Cunningham</u>		SHEET 1 OF <u>10</u>	
4. LOCATION ID: <u>L12sw/sd-308</u>		5. Coordinates Recorded			
5. Surface Water Equipment Used:		SAMPLE TYPE: <u>GRAB</u>			
6. Sample ID <u>L12SW-308-5005-SW-1755</u>		7. Dupe ID (if needed) <u>NO</u>			
8. MS/MSD ID (if needed) <u>YES</u> <u>L12SW-308-5005-MS/MSD</u>		9. Split ID (if needed) <u>NO</u>			
10. Wet Sediment Equipment Used: <u>HAND PUSH PROBE</u>		SAMPLE TYPE: <u>COMPOSITE</u>			
11. Sample ID <u>L12SD-308-5004-SD-1755</u>		12. Dupe ID (if needed) <u>NO</u>			
13. MS/MSD ID (if needed) <u>NO</u>		14. Split ID (if needed) <u>NO</u>			
Weather Conditions: <u>OVERCAST</u>		<u>19°F</u>		<u>LIGHT SNOW</u>	
Activities in the Area					
LOCATION SKETCH/COMMENTS				SCALE: <u>None</u>	
<p>Field Notes: <u>SAMPLES COLLECTED THROUGH ABOUT 2" OF SNOW</u></p> <p><u>AND ICE. HOLES WERE CHIPPED IN ICE TO COLLECT WET SEDIMENT</u></p> <p><u>SAMPLE USING PUSH PROBE. MS/MSD WATER SAMPLE COLLECTED</u></p> <p><u>AT THIS LOCATION.</u></p>					
<p>SURFACE WATER ANALYSES:</p> <p> <input type="checkbox"/> EXPLOSIVES <input type="checkbox"/> TAL METALS <input type="checkbox"/> SVOCs <input checked="" type="checkbox"/> OTHER <u>Nitrate</u> <input checked="" type="checkbox"/> FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs) </p>					
<p>WET SEDIMENT ANALYSES:</p> <p> <input checked="" type="checkbox"/> EXPLOSIVES <input checked="" type="checkbox"/> TAL METALS <input checked="" type="checkbox"/> SVOCs <input checked="" type="checkbox"/> OTHER <u>PCBs and Nitrate</u> <input type="checkbox"/> FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs) </p>					
Recorded By: <u>Emily Cunningham</u>		QC Checked by: <u>[Signature]</u> <u>02/15/2010</u>			
(Signature and Date)		(Signature and Date)			

REVISED 10.2012

SAMPLE LOG SHEET

PROJECT NAME: RVAAP PBA08 RI

PROJECT NO: 172819.00.09456.00.9200.02.200

SAMPLING LOCATION: LL12.SW-30B DATE COLLECTED (MM/DD/YY): 03/14/2010

TIME: 1220

SAMPLE TEAM: HEATHER MILLER & LYAN WILKINSON

WEATHER: 50°F, Sunny, Lt. Wind ACTIVITIES IN AREA: NONE

FIELD OBSERVATIONS (i.e. Water color, odor, flow....):

WATER IS ABOUT 1' DEEP AND IS YELLOWISH/BROWN WITH SED. ON ORLTYIC MATERIAL
MAKING UP CREAM BOTTOM TADPOLES IN WATER. ABUNDANT ORGANIC MATERIAL
SOME ORANGE STAINING IN TRIBUTARY DITCH.

[Signature]
3/14/10

PHOTOGRAPH ID(S): NONE

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	7.63	°C	15554	03/14/2010 EX SV
pH:	7.33	S.U	↓	↓
CONDUCTIVITY:	0.187	mS/cm	↓	↓
DO:	11.21	mg/L	↓	↓
TURBIDITY:	5.82	NTU	15557	↓
OTHER <u>NA</u>				

Recorded By: [Signature] 03/14/2010
 (Signature)

QC Checked by: [Signature]
 (Signature)
3/14/10

APRIL 2011 SAMPLING

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RVAAP - Surface Water & Wet Sediment Field Form

SHEET

1

OF

1

USACE - Louisville

RVAAP PBA 2008 RI

RVAAP 8451 State Rt. 5
Ravenna, OH 442661. Sample Team: MIKE BELLANIS
HEATHER MILLER

2. Location ID:

L12SW/SD-310

3. Revised Coordinates Recorded:

N/A

4. Surface Water Sample ID:

L128W-310-SB19-SW

5. Date and Time:

04/20/2011 1500

6. Dupe ID (if needed):

NA

7. Split ID (if needed):

NA

8. Surface Water Sample Type and Equipment Used:

PUSH PROBE AND BOLL DIRECT FIL9. MS/MSD: NA

10. Wet Sediment Sample ID:

L12SD-310-SB20-SD

11. Date and Time:

04/20/2011 1500

12. Dupe ID (if needed):

NA

13. Split ID (if needed):

NA

14. Wet Sediment Sample Type and Equipment Used:

PUSH PROBE AND BOLL15. MS/MSD: NA

16. Weather Conditions:

80°F, LT WIND NO RAIN

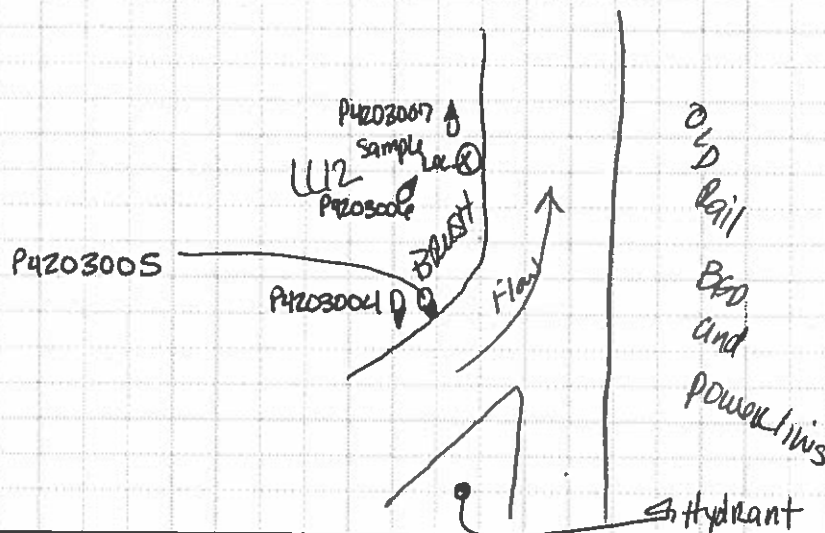
17. Activities in the Area:

NONE

LOCATION SKETCH/COMMENTS

SCALE: None

SAMPLE COLLECTED NORTH OF CULVERT
Field Notes: WATER IS FLOWING. 2-3 FT IN CENTER CHANNEL AND SAMPLE COLLECTED
FROM 21' DEEP FROM WEST BANK. MOTTLED CLAY MIXED W/ SOME Silt and
ORGANIC MATERIAL



FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	12.13	°C	1555B	04/20/2011
pH:	6.58	S.U		
CONDUCTIVITY:	0.137	mS/cm		
DO:	9.35	mg/L		
TURBIDITY:	0.11	NTU	155710	
OTHER: <u>NA</u>				

SURFACE WATER

ANALYSES:

☐ EXPLOSIVES ☐ TAL METALS ☐ SVOCs ☒ OTHER NITRATE
☒ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

WET SEDIMENT

ANALYSES:

☒ EXPLOSIVES ☒ TAL METALS ☒ SVOCs ☒ OTHER NITRATE & PCBs
☐ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

Recorded By:

John 4/20/2011
(Signature and Date)

QC Checked by:

Mike Miller 5/19/11
(Signature and Date)



RVAAP - Surface Water & Wet Sediment Field Form

SHEET 1 OF 1

USACE - Louisville

RVAAP 8451 State Rt. 5
Ravenna, OH 44266

1. Sample Team: MIKE BELANTIS

HEATHER MILLER

2. Location ID:

L12swsd-311

3. Revised Coordinates Recorded:

N/A

4. Surface Water Sample ID:

L12sw-311-5821-SW

5. Date and Time:

04/20/2011

1150

6. Dupe ID (if needed):

NA

7. Split ID (if needed):

NA

8. Surface Water Sample Type and Equipment Used:

DIRECT FILL

9. MS/MSD: NA

10. Wet Sediment Sample ID:

L12sd-311-5822-SD

11. Date and Time:

04/20/2011

1150

12. Dupe ID (if needed):

NA

13. Split ID (if needed):

NA

14. Wet Sediment Sample Type and Equipment Used:

PUSH PROBE & BOWL

15. MS/MSD: NA

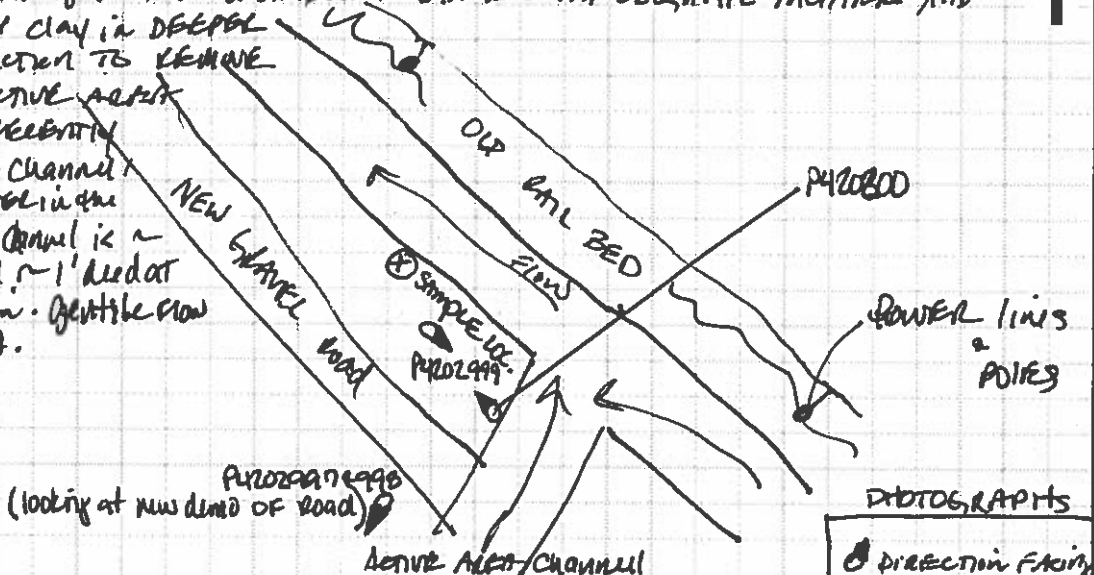
16. Weather Conditions: W/OF, OVERCAST

17. Activities in the Area: NONE

LOCATION SKETCH/COMMENTS

SCALE: None

Field Notes: SLOPES OF THE BANKS AND TOPS OF BANKS ARE SOLID W/ NOT A LOT OF STANDING WATER. SEDIMENT IS BLACK WITH ORGANIC MATTER AND SOME GRAY CLAY IN DEEPER SED. CONSTRUCTION TO REMOVE CURB AT ACTIVE AREA. CHANNEL HAS RECENTLY OPENED. THE CHANNEL IS WIDER. WATER IN THE CENTER OF THE CHANNEL IS ~ 2-3' DEEP and ~ 1' deep at sample location. Gentle flow to the mouth.



FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	11.44	°C	15553	04/20/2011
pH:	4.43	S.U		
CONDUCTIVITY:	0.136	mS/cm		
DO:	7.29	mg/L		
TURBIDITY:	9.14	NTU	15570	
OTHER: <u>NA</u>				

SURFACE WATER

ANALYSES:

☐ EXPLOSIVES ☐ TAL METALS ☐ SVOCs ☒ OTHER NITRATE
☒ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

WET SEDIMENT

ANALYSES:

☒ EXPLOSIVES ☒ TAL METALS ☒ SVOCs ☒ OTHER NITRATE & PCBs
☒ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

Recorded By:

(Signature and Date) 4/20/2011

QC Checked by:

(Signature and Date) 5/19/11



RVAAP - Surface Water & Wet Sediment Field Form

SHEET 1 OF 1

USACE - Louisville

RVAAP 8451 State Rt. 5
Ravenna, OH 442661. Sample Team: MIKE BELLANTIS
HEATHER MILLER

2. Location ID:

L12 SW 312

3. Revised Coordinates Recorded:

N/A

4. Surface Water Sample ID:

L12SW-312-SW

5. Date and Time:

10th 04/20/2011

1400

6. Dupe ID (if needed):

NA

7. Split ID (if needed):

NA

8. Surface Water Sample Type and Equipment Used:

DIRECT FILL

9. MS/MSD: NA

10. Wet Sediment Sample ID:

LLSD-312-5824-SD

11. Date and Time:

04/20/2011

1400

12. Dupe ID (if needed):

NA

13. Split ID (if needed):

NA

14. Wet Sediment Sample Type and Equipment Used:

PUSH PROBE & BOWL

15. MS/MSD: NA

16. Weather Conditions:

54°F, OVERCAST LT. WIND

17. Activities in the Area:

NONE

LOCATION SKETCH/COMMENTS

SCALE: None

Field Notes: WATER IS FLOWING NORTH TOWARD
SPILLWAY, CLEAR. SED. MOSTLY clay/silt
WITH FEW ORGANICS; ARIAY DARK TO
BLACK. NO ODO. WATER IN CENTER
OF THE CHANNEL IS ~ 1.5' and sample
was collected in about 8" of water.

NEWTON FALLS Rd.

collected a small dam at
spillway.

L12

Flow

PH203002

Sample loc

PH203001

PH203003

power lines

FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	12.12	°C	15558	04/20/2011
pH:	6.51	S.U		
CONDUCTIVITY:	0.126	mS/cm		
DO:	9.25	mg/L		
TURBIDITY: 11.0	test	NTU	15591	
OTHER: NA				

SURFACE WATER

ANALYSES:

☐ EXPLOSIVES ☐ TAL METALS ☐ SVOCs ☐ OTHER: NITRATE
☒ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

WET SEDIMENT

ANALYSES:

☒ EXPLOSIVES ☒ TAL METALS ☒ SVOCs ☒ OTHER: NITRATE & PCBs
☐ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

Recorded By:

[Signature] 4/20/2011
(Signature and Date)

QC Checked by:

[Signature] 5/19/11
(Signature and Date)



RVAAP - Surface Water & Wet Sediment Field Form

SHEET

1

OF

1

USACE - Louisville

RVAAP PBA 2008 RI

RVAAP 8451 State Rt. 5
Ravenna, OH 442661. Sample Team: MIKE BELLANTZ
HEATHER MILLER

2. Location ID:

L12SW/SD-313

3. Revised Coordinates Recorded:

N/A

4. Surface Water Sample ID:

L12SW-313-5B25-SW

5. Date and Time:

04/20/2011 1000

6. Dupe ID (if needed):

NA

7. Split ID (if needed)

NA8. Surface Water Sample Type and Equipment Used: DIRECT FILL9. MS/MSD: NA

10. Wet Sediment Sample ID:

L12SD-313-5B26-SD

11. Date and Time:

04/20/2011 1000

12. Dupe ID (if needed):

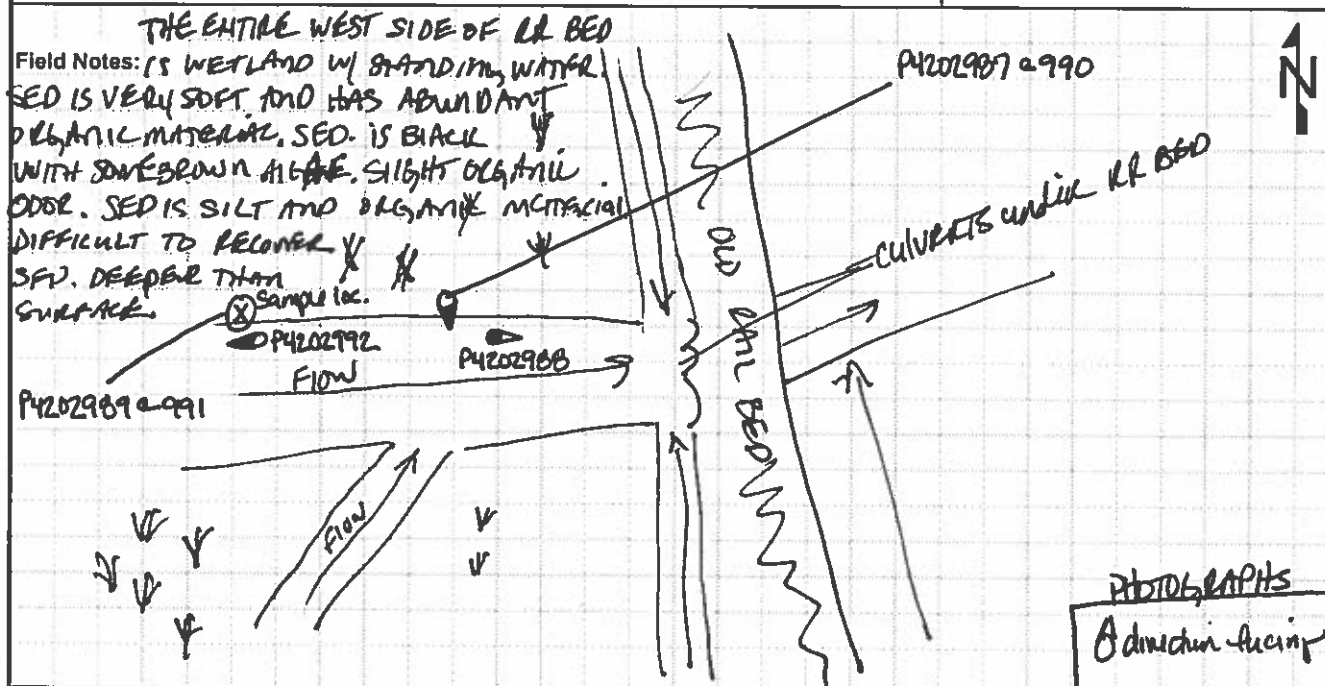
NA

13. Split ID (if needed)

NA14. Wet Sediment Sample Type and Equipment Used: PUSH PROBE & BOWL15. MS/MSD: NA16. Weather Conditions: LT RAIN OVERCAST, HEAVY RAIN17. Activities in the Area: HEAVY TRAFFIC FROM GARAGE
THE NIGHT BEFORE
VISIT FROM MALE PROPERTY

LOCATION SKETCH/COMMENTS

SCALE: None



FIELD MEASUREMENTS	READING	UNITS	SERIAL NO.	LAST CALIB.
TEMPERATURE:	11.31	°C	15558	04/20/2011
pH:	0.45	S.U.		
CONDUCTIVITY:	0.103	mS/cm		
DO:	7.76	mg/L		
TURBIDITY:	4.3	NTU	15574	
OTHER <u>NA</u>				

SURFACE WATER

ANALYSES:

- ☐ EXPLOSIVES ☐ TAL METALS ☐ SVOCs ☒ OTHER NITRATE
☒ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

WET SEDIMENT

ANALYSES:

- ☒ EXPLOSIVES ☒ TAL METALS ☒ SVOCs ☒ OTHER NITRATES & PCBs
☐ FULL SUITE (VOCs, SVOCs, Metals, Explosives, Propellants, Pesticides, PCBs)

Recorded By:

[Signature] 4/20/2011
(Signature and Date)

QC Checked by:

[Signature] 5/19/11
(Signature and Date)