## CY 2012

Operations and Maintenance Trip Reports and Quarterly Effectiveness Evaluation Reports Time Critical Response Action for the Rocket Ridge Area at RVAAP-004-R-01 Open Demolition Area #2



### **Trip Report**

Prime Contract No:	W912QR-11-P-	W912QR-11-P-0086			
Date: 8/22/12	Date: 8/22/12				
Project: Removal of the		Sand Creek Barrier System			
<b>Environmental Conditions:</b>					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Clear and Sunny			
Temperature:		72° F			
Wind (Still, Moderate, High):		0-3			
Humidity (Dry, Moderate, Humid):		Dry			
	•				

#### **Field Activities:**

Description of removal activities: In response to the Corps of Engineers direction to remove the Sand Creek Barrier system, Vista Sciences Corporation began removal operations on Monday 8/20/12 and completed all removal operations 8/23/12. The steel posts were cut as near to the stream bed as possible. All material was properly disposed of off post. (See attached photos)

Remarks:			
None			

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## PHOTO LOG

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Pictures of Sand Creek Barrier During Removal 21-22 Aug 2012

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Pictures of Sand Creek Barrier After Removal 21-22 Aug 2012

8/22/12 4 of 4



### **Trip Report**

			Report No.	12	
11-46-163			Date:	8/21/2012	
Operation and M	laintenance of th	ne San	d Creek Barrier	System	
<b>Environmental Conditions:</b>					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Clear and Sunny			
Temperature:		72° F			
Wind (Still, Moderate, High):		0-3			
Humidity (Dry, Moderate, Humid):		Dry			
	Operation and Monditions:  (Bright Sun, n, Snow):	Operation and Maintenance of the conditions:  (Bright Sun, n, Snow):  72° F  e, High):  0-3	Operation and Maintenance of the San  Inditions:  (Bright Sun, n, Snow):  Clear and Sunny 72° F  e, High):  0-3	11-46-163  Operation and Maintenance of the Sand Creek Barrier and Sunny (Bright Sun, n, Snow):  Clear and Sunny 72° F  e, High):  0-3	

#### **Field Activities:**

Description of debris inspection & removal activities: Removed sticks, mud, and leaves from barriers. No MEC/MD encountered. Final inspection prior to removal.

**Barrier Integrity:** Barriers are upright and intact.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None

Remarks:

Visitors: none

8/21/12 1 of 11



Safety Officer

Michael Crowl

Operation and Maintenance - Sand Creek Barrier System **Health and Safety** Conducted health and safety meetings and task order meetings every morning, prior to commencement of activities. Were there any lost time accidents this week? No If "yes", refer attached summary of incident or OSHA report. **Quality Control Inspections Performed** Follow-up on CA Non-Conformances Corrective Action (CA) Major Problems and Resolution: None Schedule for Next Month: None. **SUXOS Brian Stockwell** Mel Lau **Project Manager** 

8/21/12 2 of 11



## PHOTO LOG

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PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.

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PICTURE SHOWING SANDBAR AT BOTH BARRIER



PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER

8/21/12 5 of 11







PICTURE SHOWING BARRIERS UPON DEPARTURE

8/21/12 6 of 11



# Safety Training Attendance Log

8/21/12 7 of 11



### PIKA SAFETY TRAINING ATTENDANCE LOG

Date	e: 8/21/2012   Instructor(:	s): Mil	ke Crowl		Time	e: 0830	Log No.: 12
Site	Name & Location: Ravenna	Army A	Ammunition I	Plant, Ravenna, O	Н		
Cont	ract No.: 11-46-163			Task Order Num	ber:		
Site	Supervisor or SUXOS: Mel I	.au		SSHO: Mike Cro	wl		
Train	ning Provided:   Initial Site H	azard T	raining 🗌 Dail	y Safety Briefing		⊠Other:	
1000	☐ Weekly Safe			, k/Hazard-specific Ti	aining		
		I.	TRAINING T	OPICS COVERED			
L	Planned Site Activities		Chemical Haz	zards		Respirator	Use
i	Physical Safety Hazards		Routes of Ch	emical Exposure		Decontam	ination Procedures
	Biological Hazards	Chemical Exp	osure Symptoms		Emergency	y Procedures	
	Heat or Cold Stress	L	Level of PPE	Ŋ	L	Eirst Aid P	rocedures
	Site Controls Larypes of PPE		D		Buddy Tea	m Procedures	
Othe	r Topics:						
-							
		II. T	RAINING CO	URSE ATTENDEE	S		
	Name (printed)		Sign	ąture		Orga	nization
	mel han		mil	1/9		PITA	,
	Michael Crowl	_	non	10		PTK	4
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		m	. TRAINING	VERIFICATION			
	I certify that the personnel/is				health	training desc	cribed above.
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1	Site Safety and Health Office	or		Mhe	Sr IIV	Supervisor or	Site Supervisor
	site salety and riegith Office	CI			JI. UNC	Supervisor of	Site Supervisor



## Visitor Sign-In Log

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### Visitors Sign-In Log

PROJECT LOCATION:	RVAAP, OHIO
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PROJECT SITE: <u>O&M Sand Creek Barrier System</u> PROJECT No: <u>11-46-163</u>

Date	Name	Representing	Equipment and	Ti	me
			PPE Level	IN	Out
		4			
	1011				
	7				

Comments:			



### **Trip Report**

Prime Contract No:				Report No.	11
PIKA JOB #:	11-46-163			Date:	7/24/12
Project:	Operation and Maintenance of t		ne San	d Creek Barrier	System
<b>Environmental Conditions:</b>					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Overcast			
Temperature:		80° F			
Wind (Still, Moderate, High):		0-3			
Humidity (Dry, Mod	Humidity (Dry, Moderate, Humid):		Moderate		

#### Field Activities:

Description of debris inspection & removal activities: Removed sticks, mud, and leaves from barriers. No MEC/MD encountered.

**Barrier Integrity:** Barriers are upright and intact.

Assessment of any changes since previous visit: None

Repairs made or need to be made: Sandbars on south side of creek at both barriers need cleaned out.

#### Remarks:

Visitors: Mark Patterson - BRACD, Christy Esler - VISTA, Angela Makin - VISTA, Eric Cheng - USACE, Eileen Mohr - Ohio EPA and SFC Michael Frient - CRJMTC

Following the monthly inspection, UXO support was provided at the request of the Facility Manager for inspection of the creek downstream of the barriers.

7/24/12 1 of 11



Safety Officer

Scott Wardle

Operation and Maintenance - Sand Creek Barrier System **Health and Safety** Conducted health and safety meetings and task order meetings every morning, prior to commencement of activities. Were there any lost time accidents this week? No If "yes", refer attached summary of incident or OSHA report. **Quality Control Inspections Performed** Follow-up on CA Non-Conformances Corrective Action (CA) Major Problems and Resolution: None Schedule for Next Month: Follow on inspection of barrier. **SUXOS Brian Stockwell** Mel Lau **Project Manager** 

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## PHOTO LOG

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PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.

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PICTURE SHOWING SANDBARS ON SOUTH SIDE OF CREEK AT BOTH BARRIERS

7/24/12 5 of 11







PICTURE SHOWING BARRIERS UPON DEPARTURE

7/24/12 6 of 11



# Safety Training Attendance Log

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### PIKA SAFETY TRAINING ATTENDANCE LOG

Date	e: 7/24/2012   Instructor(s	): Sc	ott Wardle		Time: 0830	Log No.: 11
Site	Name & Location: Ravenna	Army A	Ammunition I	Plant, Ravenna, C	Н	
Cont	ract No.: 11-46-163			Task Order Num	ber:	
Site	Supervisor or SUXOS: Mel L	au		SSHO: Scott W	ardle	
Trair	ning Provided: 🛘 Initial Site Ha		100	y Safety Briefing	⊠Other:	
	☐ Weekly Safet			k/Hazard-specific T	raining	
		I.	_	OPICS COVERED		
X	Planned Site Activities		Chemical Ha		Respirator	
1	Physical Safety Hazards		_	emical Exposure	Decontam	ination Procedures
	Biological Hazards			oosure Symptoms		y Procedures
	Heat or Cold Stress	X	Level of PPE	P	First Aid P	rocedures
	Site Controls		Types of PPE		Buddy Tea	m Procedures
Othe	r Topics:					
		II. Ţ	RAINING CO	OURSE ATTENDE	S	
	Name (printed)		Sign	ature	7	anization
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_/	Mark Fatterson	1	Mark 1	att	RULAPI	BRACD
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	ERIC CHENG	(	THE CA		USACE	
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		O III	. TRAINING	VERIFICATION		
	I certify that the personnel list	11			d health training des	cribed above.
	1////		7		m / 7	
-	Site Safety and Health Office	r /			Sr. UXO Supervisor or	- Site Supervisor
	Site Salety and Health Office	1			JI. UNO JUPELVISUL OF	Site Supervisor

## Safety Meeting Sand Creek Walk July 24, 2012

	<u>Name</u>	Organization	Phone #	E-Mail Address (Please Print Clearly
1	Mark Patterson	RVAAP/BRACE	3308-7312	mark.c. patterson @us, army, mil
2	ELLEN MOHE	Otho EPA	330 963 1221	eller, mohr@cpa. state. Dhios
3	Angela Maxin	Vista	330,358,2020	angela, n. maxin. ctr@us.army.mil
4	DON Trocchio	VISTA		9
5	Mel LAY	Pilsa	330.352-5305	- MLAY @ Pikaine. com
6	Christy Esler	RVAAP/ VISTA	330-358=7311	christy.esler@us.army.mil
7	SCOTT WARD to	P.420	713-299-2918	SMARDIC @ PILLANC. com
8	Mike Frient	CRJMTC	614-336-6792	michael, a. frient@us.asmy, mi/
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11				
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14				
15				
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## Visitor Sign-In Log

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### Visitors Sign-In Log

PROJECT LOCATION: RVAA	P
PROJECT SITE: Rocket Ridge	PROJECT NO: 11-46-163

Date	Name	Representing	Equipment and	Tir	
			PPE Level	IN	Out
7/24	ERIC CHENG	USACE	D	1040	1230
7/24	ERIC CHENON Mark Patterson	RVAAPIBRACD	D	1040	31
7/24	Christy Esler	RUAAP / VISTA	D	1040	
7/241	Angelo Wakin	RYAAP/ VISTA	b	1040	
7/21	Even truh	A930,N	D	1040	,
7/24	PRIZUT, MICHAEL A.	CRIMIC	ij	1040	
					7
				Ja	
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### **Trip Report**

Prime Contract No:				Report No.	10	
PIKA JOB #:	11-46-163			Date:	6/14/12	
Project:	Operation and Maintenance of the Sand Creek Barrier System				System	
Environmental Co	onditions:					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Clear & Sunny				
Temperature:		60° F				
Wind (Still, Moderate, High):		Moderate				
Humidity (Dry, Mod	lerate, Humid):	Moderate				
		•				

#### **Field Activities:**

**Description of debris inspection & removal activities:** Removed sticks, mud, and leaves from barriers. No MEC/MD encountered.

**Barrier Integrity:** Barriers are upright and intact.

Assessment of any changes since previous visit: None

Repairs made or need to be made: Sandbars on south side of creek at both barriers need cleaned out.

Remarks:

**Visitors: None** 

6/14/12 1 of 10



Safety Officer

Operation and Maintenance - Sand Creek Barrier System **Health and Safety** Conducted health and safety meetings and task order meetings every morning, prior to commencement of activities. Were there any lost time accidents this week? If "yes", refer attached summary of incident or OSHA report. **Quality Control Inspections Performed** Follow-up on CA Non-Conformances Corrective Action (CA) Major Problems and Resolution: None Schedule for Next Month: Follow on inspection of barrier. **SUXOS Brian Stockwell** Paul Duncan **Project Manager** 

6/14/12 2 of 10

Junius Castagnetta



## PHOTO LOG

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PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.

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PICTURE SHOWING SANDBARS ON SOUTH SIDE OF CREEK AT BOTH BARRIERS

6/14/12 5 of 10





PICTURE SHOWING BARRIERS UPON DEPARTURE

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# Safety Training Attendance Log

6/14/12 7 of 10



### PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 6/14/2012 Instructor(s)	PAUL C.	DUNCAN	Time	e: 0830	Log No.: 10	
Site Name & Location: Ravenna A	rmy Ammunition	n Plant, Ravenna, C				
Contract No.: 11-46-163		Task Order Num	ber:			
Site Supervisor or SUXOS: Paul D	uncan	SSHO: Junius C	astag	netta		
Training Provided:   Initial Site Haz	zard Training 🗆 Da	aily Safety Briefing		⊠Other:		
☐ Weekly Safety	Training 🗆 Ta	ask/Hazard-specific T	raining			
	I. TRAINING	TOPICS COVERED				
Planned Site Activities	Chemical H	lazards		Respirator	Use	
Physical Safety Hazards	Routes of C	Chemical Exposure		Decontamination Procedures		
Biological Hazards		xposure Symptoms	-	Emergency	/ Procedures	
✓ Heat or Cold Stress	Level of PP		-	First Aid Procedures		
Site Controls	Types of PI	PE	-	Buddy Team Procedures		
Other Topics:						
					-	
	de tractile					
		COURSE ATTENDEE	S			
Name (printed)  PAUL C. DUNCAN  Jay Castozaetta	Sig	Signature			nization	
PAUL C. VUNCAN	Taul	(Fandellenen		PIKA		
July Castognetta	Music	anix	-	PIRO		
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	V.					
	5					
	III. TRAININ	G VERIFICATION				
I certify that the personnel liste	d on this roster have		1	training desc	cribed above.	
Site Safety and Health Officer		- Jan		Supervisor or	Site Supervisor	



## Visitor Sign-In Log

6/14/12 9 of 10



### Visitors Sign-In Log

PROJECT LOCATION: RVAAP, OHIO

PROJECT SITE: O&M Sand Creek Barrier System PROJECT NO: 11-46-163

Date Na	Name	Representing	Equipment and	Time	
	10.000		PPE Level	IN	Out
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#### **Trip Report**

Prime Contract No:				Report No.	9
PIKA JOB #:	11-46-163			Date:	5/30/12
Project:	Operation and M	laintenance of th	ne San	d Creek Barrier	System
<b>Environmental Conditions:</b>					
Weather Conditions Clear, Overcast, Ra		Sunny			
Temperature:		62° F			
Wind (Still, Moderate, High):		still			
Humidity (Dry, Mod	erate, Humid):	Dry			

#### **Field Activities:**

**Description of debris inspection & removal activities:** Removed sticks, mud, and leaves from barriers. No MEC/MD encountered.

Barrier Integrity: Barriers are upright and intact.

Assessment of any changes since previous visit: None

Repairs made or need to be made: Sandbars on south side of creek at both barriers need cleaned out.

#### Remarks:

Visitors: Brian Stockwell - PIKA

5/30/12 1 of 10



Safety Officer

**Anita Thomas** 

Operation and Maintenance - Sand Creek Barrier System **Health and Safety** Conducted health and safety meetings and task order meetings every morning, prior to commencement of activities. Were there any lost time accidents this week? No If "yes", refer attached summary of incident or OSHA report. **Quality Control Inspections Performed** Non-Conformances Corrective Action (CA) Follow-up on CA Major Problems and Resolution: None Schedule for Next Month: Follow on inspection of barrier. **SUXOS** Dave Fewell **Brian Stockwell Project Manager** 

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# PHOTO LOG

5/30/12 3 of 10







PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.

5/30/12 4 of 10







PICTURE SHOWING UXO TECHNICIANS REMOVING DEBRIS FROM BARRIER.

5/30/12 5 of 10





PICTURE SHOWING BARRIERS UPON DEPARTURE

5/30/12 6 of 10



# Safety Training Attendance Log

5/30/12 7 of 10



#### PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 5/30/2012 Instructor	(s):		Time: 10:00	Log No.: 9
Site Name & Location: Ravenna	a Army Ammunition I	Plant, Ravenna, O	H 1145	
Contract No.: 11-46-163		Task Order Numl	oer:	
Site Supervisor or SUXOS:		SSHO:		
Training Provided:   Initial Site I	Hazard Training 🗵 Dail	ly Safety Briefing	⊠Other:_	
	ety Training 🔲 Tas		aining	
	I. TRAINING T	OPICS COVERED		
Planned Site Activities	Chemical Ha	zards	Respirator	Use
Physical Safety Hazards	Routes of Ch	emical Exposure	Decontamin	nation Procedures
X Biological Hazards	Chemical Exp	oosure Symptoms	Emergency	Procedures
Heat or Cold Stress	Level of PPE		First Aid Pro	ocedures
Site Controls	Types of PPE		Buddy Tear	n Procedures
Other Topics:				
-				
	II. TRAINING CO	OURSE ATTENDEES	5	
Name (printed)	Sign	nature		nization
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T MEANLE II. C.		VERIFICATION	hoolth training dass	ribad above
I certify that the personnel I			nealth training desc	nneu anove.
	oce Safty	POS	Take	
Site Safety and Health Off	icer •		Sr. UXO Supervisor or	Site Supervisor



# Visitor Sign-In Log

5/30/12 9 of 10



### Visitors Sign-In Log

PROJECT LOCATION:	RVAAP, OHIO
THOSE CITED ON THE	1111011 / 01120

PROJECT SITE: <u>O&M Sand Creek Barrier System</u> PROJECT No: <u>11-46-163</u>

Date	Name	Representing	<b>Equipment and</b>	Time		
2000			PPE Level	IN	Out	
5/30/12	Brion Stockwell	PIKA	D	1445	1245	



### QUARTERLY EFFECTIVENESS EVALUATION REPORT (#3)

(O & M TRIP's #7, #8, & #9)

**MAY 30, 2012** 



# Quarterly Effectiveness Evaluation Report #3 Sand Creek Barrier System Time Critical Response Action (TCRA) for the Rocket Ridge Area of Open Demolition Area #2

Project No:	W912QR-11-P-0	0086	QEE Report No:	Vista 03	
Date of QEE Site Visit:	May 30, 201	2			
Time Period Covered	From:	March	29, 2012		
by QEE Report:	To:	May 3	0, 2012		
Dates of O&M Trip Dur	ing Davied	Mar	ch 29, 2012		
Dates of O&M Trip During Period Covered by QEE Report:		April 26, 2012			
Covered by QEE Report	<b></b>	May	30, 2012		

#### **Summary of O&M Activities Performed During QEE Report Period:**

Materials found on the screens: No munitions related materials were found on screens. Rocks, branches, sticks, and small rocks were found on screens each month.

Barrier integrity: Barrier screens are bowed due to water pressure on leaf covered screens. No broken or cracked barrier structure components were observed. See photos.

Maintenance performed: Removed all materials from screens and removed soil sediment.

#### **Barrier System Effectiveness Evaluation:**

#### **Barrier System condition:**

All barrier components are intact and solidly anchored. Most screen panels are bowed due to water pressure building up when water flow is limited because of debris build up. See photos.

The deflection in the screen panels does not limit the effective performance of the barrier system.



### QUARTERLY EFFECTIVENESS EVALUATION MAY 30, 2012 PHOTOGRAPHIC LOG







Pictures of Sand Creek Barrier upon arrival





PICTURE SHOWING BARRIERS UPON DEPARTURE



#### **Trip Report**

			Report No.	8	
11-46-163			Date:	4/26/12	
Operation and M	laintenance of th	ne San	d Creek Barrier	System	
<b>Environmental Conditions:</b>					
(Bright Sun, in, Snow):	Cloudy				
	54° F				
Wind (Still, Moderate, High):		still			
Humidity (Dry, Moderate, Humid):		Dry			
	Operation and Monditions:  (Bright Sun, in, Snow):	Operation and Maintenance of the conditions:  (Bright Sun, in, Snow):  54° F  te, High): still	Operation and Maintenance of the San onditions:  (Bright Sun, in, Snow):  Cloudy  54° F  te, High):  still	11-46-163  Operation and Maintenance of the Sand Creek Barrier onditions:  (Bright Sun, in, Snow):  54° F  See, High):  still	

#### **Field Activities:**

**Description of debris inspection & removal activities:** Removed sticks, mud, and leaves from barriers. No MEC/MD encountered.

Barrier Integrity: Barriers are upright and intact.

Assessment of any changes since previous visit: None

Repairs made or need to be made: Sandbars on south side of creek at both barriers need cleaned out.

Remarks:

**Visitors: None** 

4/26/12 1 of 11



Safety Officer

Scott Wardle

	Ope	ration and Maintenance - Sand	d Creek Barrier System	
Health and Sa	afety			
Conducted hea commencemen		etings and task order	meetings every morning	, prior to
		accidents this week? Immary of incident or		
Quality Contr	rol			
Inspect	ions Performed	Non-Conformances	Corrective Action (CA)	Follow-up on CA
Major Proble	ems and Resolution	n: None		
Schedule for	Next Month: Fo	llow on inspection	of barrier.	
SUXOS	Lew Kovar	ik Proje	ect Manager Bri	an Stockwell

4/26/12 2 of 11



# PHOTO LOG

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PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.

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PICTURE SHOWING SANDBAR ON BARRIER.

4/26/12 5 of 11







PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER.

4/26/12 6 of 11





PICTURE SHOWING BARRIERS UPON DEPARTURE

4/26/12 7 of 11



# Safety Training Attendance Log

4/26/12 8 of 11

Date	e: 4/26/2012	Instructor(s):	Scott Wardle		Time: 0830	Log No.: 8
			ny Ammunition F	Plant, Ravenna, Ol		
Cont	ract No.: 11-4	6-163		Task Order Numb	er:	
Site	Supervisor or S	UXOS: Lew Kova	arik	SSHO: Scott War	dle	
Train	ing Provided:	] Initial Site Hazar	rd Training 🛱 Dail	y Safety Briefing	⊠Other:_	
		Weekly Safety T	raining 🔲 Tas	k/Hazard-specific Tra	aining	
				OPICS COVERED		
X	Planned Site Act	tivities	Chemical Haz		Respirator (	
	Physical Safety I			emical Exposure		ation Procedures
	Biological Hazar			osure Symptoms	Emergency	
<u> </u>	Heat or Cold Str	ess	Level of PPE		First Aid Pro	
	Site Controls		Types of PPE		Buddy Tean	n Procedures
Othe	r Topics:					
			,			
		I	I. TRAINING CO	URSE ATTENDEES	}	
	Name (pri	nted)	Sign	ature	Organ	nization
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						1.00
		L.	III. TRAINING	VERIFICATION		1
	I certify that t	he personnel listed o	on this roster have re	eceived the safety and	health training descr	iped above.
	Site Safety	and Health Officer	Control of the Contro		Sr. UXO-Supervisor or	ite Supervisor



# Visitor Sign-In Log

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### Visitors Sign-In Log

PROJECT LOCAT	TION: _	RV	AAP, (	OHIO_	 		 
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PROJECT SITE:	O&M Sand Creek Barrier S	ystem	Project No:	11-46-163

Date	Name	Representing	Equipment and PPE Level	Time IN Out		
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Comment	ts:					



#### **Trip Report**

Prime Contract No:			Report No.	7		
PIKA JOB #:	11-46-163		Date:	3/29/12		
Project:	Operation and Maintenance of the Sand Creek Barrier System					
Environmental C	onditions:					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Overcast				
Temperature:		41° F				
Wind (Still, Moderate, High):		still				
Humidity (Dry, Mod	derate, Humid):	Moderate				
		1				

#### **Field Activities:**

**Description of debris inspection & removal activities:** Removed sticks, mud, and leaves from barriers. No MEC/MD encountered.

Barrier Integrity: Barriers are upright and intact.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None

Remarks:

**Visitors: None** 

3/29/12 1 of 10



Safety Officer

Jim Bouvier

Operation and Maintenance - Sand Creek Barrier System **Health and Safety** Conducted health and safety meetings and task order meetings every morning, prior to commencement of activities. Were there any lost time accidents this week? No If "yes", refer attached summary of incident or OSHA report. **Quality Control Inspections Performed** Follow-up on CA Non-Conformances Corrective Action (CA) Major Problems and Resolution: None Schedule for Next Month: Follow on inspection of barrier. **SUXOS Brian Stockwell** Mel Lau **Project Manager** 

3/29/12 2 of 10



# PHOTO LOG

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PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.

3/29/12 4 of 10





PICTURE SHOWING BUILD UP OF DEBRIS ON BARRIER.



PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER.

3/29/12 5 of 10





PICTURE SHOWING BARRIERS UPON DEPARTURE

3/29/12 6 of 10



# Safety Training Attendance Log

3/29/12 7 of 10



#### PIKA SAFETY TRAINING ATTENDANCE LOG

Dat	te: 3/29/2012 Instructor(s	s): Jin	n Bouvier		Tim	e: 0800	Log No.: 7	
Site	Name & Location: Ravenna	Army A	Ammunition Pl	ant, Ravenna, O	Н		*	
Con	tract No.: 11-46-163		1	ask Order Num	ber:			
Site	Supervisor or SUXOS: Mel La	au	5	SHO: Jim Bouv	ier			
Trai	ning Provided:   Initial Site Ha	azard T	raining X Daily	Safety Briefing		⊠Other:		
	☐ Weekly Safet			Hazard-specific T	raining			
				PICS COVERED				
X	Planned Site Activities		Chemical Hazards		Respirator Use			
X	Physical Safety Hazards		Routes of Cher	nical Exposure		Decontamination Proce		
X	Biological Hazards		Chemical Expo	sure Symptoms	X	Emergenc	y Procedures	
X	Heat or Cold Stress	X	Level of PPE		X	First Aid P	rocedures	
X	Site Controls	X	Types of PPE	₹ Buddy		Buddy Tea	m Procedures	
Othe	er Topics:							
		II.	TRAINING COL	IRSE ATTENDEE	S			
	Name (printed)		Signature			Organization		
AC	MES BOUVIER					PIKA	<b>t</b>	
	EL LAU	_	-11/2/2		PIKA			
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_	Cita Cafetta and Harill 200			- 4		1	City Constant	
	( Site Safety and Health Office	1			Sr. UX	o supervisor of	Site Supervisor	



# Visitor Sign-In Log

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### Visitors Sign-In Log

PROJECT LOCATION: _	RVAAP, OHIO	
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PROJECT SITE: <u>O&M Sand Creek Barrier System</u> PROJECT NO: <u>11-46-163</u>

Date	Name	Representing	<b>Equipment and</b>	Time		
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mments		



#### **Trip Report**

		IIIp Kel	ροιι		
Prime Contract No:				Report No.	6
PIKA JOB #:	11-46-163			Date:	2/27/12
Project:	Operation and I	Maintenance of tl	he San	d Creek Barrier	System
Environmental C	onditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Overcast			
Temperature:		43° F			
Wind (Still, Modera	ite, High):	Still			
Humidity (Dry, Moderate, Humid):		Moderate			
Field Activities:		•			
Description of defrom barriers. N	•		ivities	: Removed	sticks, mud, and leaves

**Barrier Integrity:** Barriers are intact and upright. Diagonal support beams are loose but functioning.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None

Remarks:

**Visitors: None** 

2/27/12 1 of 10



Safety Officer

Scott Wardle

Operation and Maintenance - Sand Creek Barrier System **Health and Safety** Conducted health and safety meetings and task order meetings every morning, prior to commencement of activities. Were there any lost time accidents this week? No If "yes", refer attached summary of incident or OSHA report. **Quality Control Inspections Performed** Follow-up on CA Non-Conformances Corrective Action (CA) Major Problems and Resolution: None Schedule for Next Month: Follow on inspection of barrier. **SUXOS Brian Stockwell** Jim Bouvier **Project Manager** 

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# PHOTO LOG

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PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.

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PICTURE SHOWING BUILD UP OF DEBRIS ON BARRIER.



PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER.

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PICTURE SHOWING BARRIERS UPON DEPARTURE

2/27/12 6 of 10



# Safety Training Attendance Log

2/27/12 7 of 10



	e: 2/27/2012				e: 0800	Log No.: 6
	Name & Location: Ravenna A	Army Ammunition	Plant, Ravenna, C Task Order Num			
	and the first transfer of the same and the same and					
	Supervisor or SUXOS: Jim Bo		SSHO: Scott Wa	rdle		
rair	ning Provided: 📈 Initial Site Ha Weekly Safet		aily Safety Briefing ask/Hazard-specific T	raining	⊠Other:_	
		I. TRAINING	TOPICS COVERED			
X	Planned Site Activities	Chemical H	azards		Respirator	Use
X	Physical Safety Hazards	Routes of C	Chemical Exposure		Decontami	nation Procedures
X	Biological Hazards	Chemical Ex	xposure Symptoms	X	Emergency	/ Procedures
X	Heat or Cold Stress	Level of PP	E	X	First Aid Pi	rocedures
×	Site Controls	Types of PF	PE	X	Buddy Tea	m Procedures
the	r Topics:					
	Name (miletad)		COURSE ATTENDEE	S	Over	ulustiau
	Name (printed)	Sig	ınature		PIKA	nnization
50	MES BOUVIER	1	46		SIRA	
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			G VERIFICATION			
	I certify that the personnel list	ed on this roster have	received the safety and	d health	training desc	cribed above.
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	Site Safety and Health Office	r		Sr. UXC	Supervisor or	Site Supervisor



# Visitor Sign-In Log

2/27/12 9 of 10



### Visitors Sign-In Log

PROJECT LOCATION: _	RVAAP, OHIO		
DROJECT CITE: OSM Can	d Crook Barrior System	DROJECT NO:	11.46.162

Date	Name	Representing	<b>Equipment and</b>	Time		
			PPE Level	IN	Out	
			/			
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	M					

Comments:			



## QUARTERLY EFFECTIVENESS EVALUATION REPORT (#2)

(O & M TRIP's #4, #5, & #6)

**FEBRUARY 27, 2012** 

2/27/2012



# Quarterly Effectiveness Evaluation Report #2 Sand Creek Barrier System Time Critical Response Action (TCRA) for the Rocket Ridge Area of Open Demolition Area #2

Project No:	W912QR-09-C-0084		QEE Report No:	Vista 02	
<b>Date of QEE Site Visit:</b>	Feb 27, 2012	2			
Time Period Covered	From:	Dec 19	9, 2011		
by QEE Report:	To:	Feb 27, 2012			
Dates of O&M Trip During Period Covered by QEE Report:		Dec	19, 2011		
		Jan 31, 2012			
Covered by QEE Report	·•	Feb	27, 2012		

#### **Summary of O&M Activities Performed During QEE Report Period:**

Materials found on the screens: No munitions related materials were found on screens. Rocks, branches, sticks, and small rocks were found on screens each month.

Barrier integrity: Barrier screens are bowed due to water pressure on leaf covered screens. No broken or cracked barrier structure components were observed. See photos.

Maintenance performed: Removed all materials from screens and removed soil sediment.

#### **Barrier System Effectiveness Evaluation:**

#### **Barrier System condition:**

All barrier components are intact and solidly anchored. Most screen panels are bowed due to water pressure building up when water flow is limited because of debris build up. See photos.

The deflection in the screen panels does not limit the effective performance of the barrier system.

2/27/2012



### QUARTERLY EFFECTIVENESS EVALUATION FEBRUARY 27, 2012 PHOTOGRAPHIC LOG

2/27/2012 3





PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL



PICTURE SHOWING BARRIERS UPON DEPARTURE

2/27/2012



#### **Trip Report**

Prime Contract No:				Report No.	5
PIKA JOB #:	11-46-163			Date:	1/31/12
Project:	Operation and Maintenance of th		he Sand Creek Barrier System		
<b>Environmental Conditions:</b>					
Weather Conditions Clear, Overcast, Ra	` •	Sunny			
Temperature:		51° F			
Wind (Still, Moderate, High):		Still			
Humidity (Dry, Moderate, Humid):		Low to Moderate			

#### **Field Activities:**

**Description of debris inspection & removal activities:** Removed sticks, mud, and leaves from barriers. No MEC/MD encountered.

Barrier Integrity: Barriers are intact and upright.

Assessment of any changes since previous visit: Sand and rock build up on southern end of upper and lower barriers.

Repairs made or need to be made: None

Remarks:

**Visitors: None** 

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#### **Health and Safety**

Conducted health commencement of		ings and task order r	meetings every mornin	g, prior to
Were there	any lost time ac	ccidents this week?	No x Yes	].
If "yes", re	fer attached sum	nmary of incident or	OSHA report.	
<b>Quality Control</b>				
Inspections	s Performed	Non-Conformances	Corrective Action (CA)	Follow-up on CA
	1.5 1.11			
Major Problems	and Resolution:	None		
Schedule for Ne	xt Month: Follo	ow on inspection o	of barrier.	
		•		
SUXOS	Mel Lau	Proje	ect Manager B	rian Stockwell
Safety Officer	lim Bouvier			

1/31/12 2 of 10



# PHOTO LOG

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PICTURES OF SAND CREEK BARRIERS UPON ARRIVAL.

1/31/12 4 of 10





PICTURE SHOWING BUILD UP OF SAND AND ROCK ON SOUTHERN END OF BARRIERS.



PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER.

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PICTURES SHOWING BARRIERS UPON DEPARTURE

1/31/12 6 of 10



# Safety Training Attendance Log

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#### PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 1/31/2012 Instructor(s): Jim Bouvier					Time: 1100 Log No.: 5		
Site	Name & Location: Ravenna	Army A	Ammunition Plant, Ravenna,	ОН			
Con	tract No.: 11-46-163		Task Order Nur	ıber:			
Site	Supervisor or SUXOS: Mel L	.au	SSHO: Jim Bou	vier			
Trai	ning Provided:   Initial Site H	azard T	raining Daily Safety Briefing		⊠Other:		
	☐ Weekly Safe	ty Train	ing A Task/Hazard-specific	Fraining	ĺ		
		I.	TRAINING TOPICS COVERED	),			
/	Planned Site Activities		Chemical Hazards		Respirator	Use	
/	Physical Safety Hazards		Routes of Chemical Exposure		Decontam	ination Procedures	
1	Biological Hazards		Chemical Exposure Symptoms	/	Emergeno	y Procedures	
/	Heat or Cold Stress	/	Level of PPE	/	First Aid P	rocedures	
	Site Controls	/	Types of PPE	/	Buddy Tea	am Procedures	
Oth	er Topics:						
_		II. T	RAINING COURSE ATTENDE	ES			
	Name (printed)		Signature		Org	anization	
1	AMES BOUVIER			<u>,                                    </u>	PIK	CA	
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			. TRAINING VERIFICATION				
	I certify that the personnel lis	sted on th	is roster have received the safety a	nd health	training des	cribed above.	
				M	16		
	Site Safety and Health Office	er		Sr. UX	Supervisor o	Site Supervisor	



# Visitor Sign-In Log

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### Visitors Sign-In Log

PROJECT LOCATION:	RVAAP, OHIO	

PROJECT SITE: <u>O&M Sand Creek Barrier System</u> PROJECT NO: <u>11-46-163</u>

Date	Name	Representing	Equipment and	Time		
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Comments:		_	



## QUARTERLY EFFECTIVENESS EVALUATION REPORT (#1)

(O & M TRIP's #1, #2, & #3)

**FEBRUARY 23, 2012** 

2/23/2012



# Quarterly Effectiveness Evaluation Report #1 Sand Creek Barrier System Time Critical Response Action (TCRA) for the Rocket Ridge Area of Open Demolition Area #2

Project No:	W912QR-09-C-0084		<b>QEE Report No:</b>	Vista 01
<b>Date of QEE Site Visit:</b>	Nov 3, 2011			
Time Period Covered	<b>From:</b> Sept 28, 2011			
<b>by QEE Report: To:</b> Nov 3, 2011			, 2011	
Dates of O&M Trip During Period		Sept 28 2011		
Covered by QEE Report	0	Oct 25, 2011		
Covered by QEE Report	Nov		3, 2011	

#### **Summary of O&M Activities Performed During QEE Report Period:**

Materials found on the screens: No munitions related materials were found on screens. Rocks, branches, sticks, and small rocks were found on screens each month.

Barrier integrity: Barrier screens are bowed due to water pressure on leaf covered screens. No broken or cracked barrier structure components were observed. See photos.

Maintenance performed: Removed all materials from screens and removed soil sediment.

#### **Barrier System Effectiveness Evaluation:**

#### **Barrier System condition:**

All barrier components are intact and solidly anchored. Most screen panels are bowed due to water pressure building up when water flow is limited because of debris build up. See photos.

The deflection in the screen panels does not limit the effective performance of the barrier system.

2/23/2012



### QUARTERLY EFFECTIVENESS EVALUATION FEBRUARY 23, 2012 PHOTOGRAPHIC LOG

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PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL



PICTURE SHOWING BARRIERS UPON DEPARTURE

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