

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:				Report No.	3	
PIKA JOB #:	09-46-169			Date:	12/16/10	
Project:	Operation and N	Operation and Maintenance of the Sand Creek Barrier System				
Environmental Co						
Weather Conditions Clear, Overcast, Ra		Partly Cloudy				
Temperature:		17° F				
Wind (Still, Moderate, High):		Still				
Humidity (Dry, Moderate, Humid): Moderate						
		1				

Field Activities:

Description of debris inspection & removal activities: Removed organic debris, ice, snow and slush from upper and lower barriers. No MEC/MD found.

Barrier Integrity: Barrier is upright and intact.

Assessment of any changes since previous visit: Creek frozen 1" to 2" thickness.

Repairs made or need to be made: None



Remarks:

Visitors: Jim McGee (Vista)

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	Х	Yes	_].
If "yes", refer attached summary of incident or	OSHA	report.		

Quality Control								
Quality Control		1						
Inspection	s Performed	Non-Conformances	Corrective Action (CA)	Follow-up on CA				
Major Problems	s and Resolution:	None	3	-7				
-								
Schedule for Ne	ext Month: Follo	ow on inspection (of harrier					
Schedule for Next Month: Follow on inspection of barrier.								
SUXOS	Mel Lau			rian Stockwell				



PHOTO LOG





OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.



Operation and Maintenance - Sand Creek Barrier System



REMOVING ACCUMULATED DEBRIS, ICE AND SNOW FROM UPSTREAM BARRIER.





PICTURE SHOWING DEBRIS, ICE AND SNOW REMOVED FROM BARRIERS.





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 12/16/10 Instructor(s): Lew Kovarik			Time: 1000 Log No.: 3			
ite Name & Location: Ravenna A	rmy Ammunition F	Plant, Ravenna, OH	1			
ontract No.: 09-46-169		Task Order Numb	er:			
ite Supervisor or SUXOS: Mel La	u	SSHO: Lew Kovar	v Kovarik			
raining Provided: 🛛 Initial Site Haz	zard Training 🗌 Dail	y Safety Briefing	⊠Other:			
U Weekly Safety	이상 그는 것이 같은 것이 가슴? 것을 잘 많이 많이 가지?	k/Hazard-specific Tra				
	I. TRAINING T	OPICS COVERED				
Planned Site Activities Chemical Hazards			Respirator	Use		
Physical Safety Hazards	Physical Safety Hazards Routes of Chemical Exposure			nation Procedures		
Biological Hazards	Chemical Exp	osure Symptoms	/ Emergency	Procedures		
Heat or Cold Stress	Level of PPE		First Aid Pr	ocedures		
Site Controls	Types of PPE		Buddy Tea	m Procedures		
ther Topics:						
	II. TRAINING CO	URSE ATTENDEES				
Name (printed)		ature		nization		
JAMES BOUVIER	A		PIKA			
CAMERON WENZEL	Qae		PIKA			
			-			
		VERIFICATION				
I certify that the personnel liste	III. TRAINING d on this roster have re		health training desc	ribed above.		
I certify that the personnel liste			health training desc			



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: ____O&M Sand Creek Barrier System _____PROJECT NO: ____O9-46-169

Date	Name	Representing	Equipment and PPE Level	IN	ime Out
16 DECIO	JAMES MCGER	VISTA/RVAAP	Q	9:50	10:10
		-			
				1	
	I,				
					-
					-

Comments:



Trip Report

Prime Contract No:				Report No.	3	
PIKA JOB #:	09-46-169			Date:	12/16/10	
Project:	Operation and N	Operation and Maintenance of the Sand Creek Barrier System				
Environmental Co						
Weather Conditions Clear, Overcast, Ra		Partly Cloudy				
Temperature:		17° F				
Wind (Still, Moderate, High):		Still				
Humidity (Dry, Moderate, Humid): Moderate						
		1				

Field Activities:

Description of debris inspection & removal activities: Removed organic debris, ice, snow and slush from upper and lower barriers. No MEC/MD found.

Barrier Integrity: Barrier is upright and intact.

Assessment of any changes since previous visit: Creek frozen 1" to 2" thickness.

Repairs made or need to be made: None



Remarks:

Visitors: Jim McGee (Vista)

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	Х	Yes	_].
If "yes", refer attached summary of incident or	OSHA	report.		

Quality Control								
Quality Control		1						
Inspection	s Performed	Non-Conformances	Corrective Action (CA)	Follow-up on CA				
Major Problems	s and Resolution:	None	3	-7				
-								
Schedule for Ne	ext Month: Follo	ow on inspection (of harrier					
Schedule for Next Month: Follow on inspection of barrier.								
SUXOS	Mel Lau			rian Stockwell				



PHOTO LOG





OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.



Operation and Maintenance - Sand Creek Barrier System



REMOVING ACCUMULATED DEBRIS, ICE AND SNOW FROM UPSTREAM BARRIER.





PICTURE SHOWING DEBRIS, ICE AND SNOW REMOVED FROM BARRIERS.





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 12/16/10 Instructor(s): Lew Kovarik			Time: 1000 Log No.: 3			
ite Name & Location: Ravenna A	rmy Ammunition F	Plant, Ravenna, OH	1			
ontract No.: 09-46-169		Task Order Numb	er:			
ite Supervisor or SUXOS: Mel La	u	SSHO: Lew Kovar	v Kovarik			
raining Provided: 🛛 Initial Site Haz	zard Training 🗌 Dail	y Safety Briefing	⊠Other:			
U Weekly Safety	이상 그는 것이 같은 것이 가슴? 것을 잘 많이 많이 가지?	k/Hazard-specific Tra				
	I. TRAINING T	OPICS COVERED				
Planned Site Activities Chemical Hazards			Respirator	Use		
Physical Safety Hazards	Physical Safety Hazards Routes of Chemical Exposure			nation Procedures		
Biological Hazards	Chemical Exp	osure Symptoms	/ Emergency	Procedures		
Heat or Cold Stress	Level of PPE		First Aid Pr	ocedures		
Site Controls	Types of PPE		Buddy Tea	m Procedures		
ther Topics:						
	II. TRAINING CO	URSE ATTENDEES				
Name (printed)		ature		nization		
JAMES BOUVIER	A		PIKA			
CAMERON WENZEL	Qae		PIKA			
			-			
		VERIFICATION				
I certify that the personnel liste	III. TRAINING d on this roster have re		health training desc	ribed above.		
I certify that the personnel liste			health training desc			



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: ____O&M Sand Creek Barrier System _____PROJECT NO: ____O9-46-169

Date	Name	Representing	Equipment and PPE Level	IN	ime Out
16 DECIO	JAMES MCGER	VISTA/RVAAP	Q	9:50	10:10
		-			
				1	
	I,				
					-
					-

Comments:



Trip Report

Prime Contract No:				Report No.	2	
PIKA JOB #:	09-46-169			Date:	11/23/10	
Project:	Operation and M	Operation and Maintenance of the Sand Creek Barrier System				
Environmental Co						
Weather Conditions Clear, Overcast, Ra		Rain changing to Sunny				
Temperature:	53° F					
Wind (Still, Moderate, High):		0-5 mph, Still				
Humidity (Dry, Mod	Humid					
		1				

Field Activities:

Description of debris inspection & removal activities: Removed organic material from upper and lower barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Both screens are bowed but still functional. Barrier integrity has not been compromised.

Assessment of any changes since previous visit: None.

Repairs made or need to be made: The heavy accumulation of sediment along the southern end of the upstream barrier was removed during this inspection to ensure the structural integrity of the barrier is maintained. (see attached pictures)



Remarks:

Visitors: Jim McGee (Vista), Frank Jackson, Joe Ayers and Jim Carroll (Franks Maintenance)

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	х	Yes	<u>.</u> .
If "yes", refer attached summary of incident or	OSHA	report.		

Quality Control								
Inspections F	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	Mel Lau	Proje	ct Manager E	Brian Stockwell				
Safety Officer	Lew Kovarik							



PHOTO LOG





OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.





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REMOVING ACCUMULATED DEBRIS AND SEDIMENT AT UPSTREAM BARRIER.
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PICTURE SHOWING DEBRIS REMOVED FROM BARIERS.





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date	Pate: 11/23/10 Instructor(s): Lew Kovarik			Time: 1000 Log No.		Log No.: 2		
Site	Name & Location: Ravenna	Army A	mmunition	Plant, Ravenna, O	H			
Contract No.: 09-46-169				Task Order Number:				
Site Supervisor or SUXOS: Mel Lau			SSHO: Lew Kovarik					
Trair	ning Provided:			ly Safety Briefing k/Hazard-specific T	raining		SANDCRIFK. BARRIER	
		I,	TRAINING T	OPICS COVERED				
×	Planned Site Activities		Chemical Ha	zards		Respirator	Use	
X	Physical Safety Hazards		Routes of Ch	emical Exposure		Decontam	ination Procedures	
×	Biological Hazards	11.000	Chemical Exp	posure Symptoms	X	Emergenc	y Procedures	
×	Heat or Cold Stress	X	Level of PPE		X	First Aid Procedures		
×	Site Controls		Types of PPE		X	Buddy Tea	am Procedures	
Othe	r Topics:							
_		II. T		DURSE ATTENDEE	s		Section 200	
	Name (printed)		Signature		-	anization		
	BOUVIER	1	2-T	00	-	PIKA		
P.	DUNCAN	- 6	Nevel 4	Quantin	-	PIKA		
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			-					
		11		VERIFICATION				
it	I certify that the personnel f	sted on th	nis roster have r	eceived the safety and		n training des Mul Tau	cribed above.	
V	Site Safety and Health Offic	cer		-	Sr. UX	O Supervisor o	Site Supervisor	



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: ____O&M Sand Creek Barrier System _____PROJECT NO: ____O9-46-169

Date	Name	Representing	Equipment and	Time	
			PPE Level	IN	Out
11-23.10	Jim	VISTA/RVAAP	U	0920	1100
11-13-10 P	RANK JACK	an HIGTAN	\mathcal{D}	0930	1100
11-23-10 0	all anjer	N VISTAN	$\overline{\mathcal{D}}$	0930	1100
11-23 10 5	colacies p	1 Ulaton	D	0930	1100
~		101.			
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					1.5 2.
				-	

Comments:

Operations and Maintenance Trip Reports and Quarterly Effectiveness Evaluation Reports

Time Critical Response Action for the Rocket Ridge Area of Open Demolition Area #2 (RVAAP-004-R-01 Open Demolition Area #2 MRS)

Military Munitions Response Program Ravenna Army Ammunition Plant Ravenna, Ohio

Submitted To: US ARMY CORPS OF ENGINEERS OMAHA DISTRICT CENWO-PM 1616 Capitol Avenue, Suite 9000 OMAHA, NE 68102-4901

Prepared By: Vista Sciences Corporation 205 W. Boutz Rd., Bldg. 3, Ste C Las Cruces, NM 88005

Contract Number W912QR-09-C-0084



October 2010 – September 2011

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Mark Krivansky, USAEC/ERM	1	0	1	
Katie Elgin, OHARNG/Env. Specialist	1	0	0	
Eileen Mohr, Ohio EPA/PM	1	1	1	
Derek Kinder, USACE	1	0	0	
Glen Beckham, USACE	1	0	0	
Adam Connelly, USACE	1	0	0	
Brooke Conway, USACE	1	0	0	
Travis McCoun, USACE	1	0	0	
Leo Cueto, Vista Sciences Corporation/CEO	1	1	1	
	11	4	5	
TABLE OF CONTENTS

Section A	Operations and Maintenance Reports
Section B	Quarterly Evaluation and Effectiveness Reports

Section A

Operations and Maintenance Reports



Trip Report

Prime Contract No:				Report No.	1
PIKA JOB #:	09-46-169			Date:	10/14/10
Project:	ect: Operation and Maintenance of the Sand Creek Barrier System			System	
Environmental Co					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Rain			
Temperature:		56° F			
Wind (Still, Moderate, High):		Still			
Humidity (Dry, Moderate, Humid):		Humid			
		1			

Field Activities:

Description of debris inspection & removal activities: Removed leaves, twigs, sticks, mud and organic material from upper and lower barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Both screens are bowed but still functional. Barrier integrity has not been compromised.

Assessment of any changes since previous visit: None.

Repairs made or need to be made: The heavy accumulation of silt along the barriers needs removed to prevent damage.



Remarks:

Visitors: Jim McGee (Vista)

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	x	Yes	<u> </u>	
If "yes", refer attached summary of incident or	OSHA	report.			

Quality Control							
Inspections Pe	rformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA			
Major Problems and	d Resolution:	None					
Schedule for Next N	Month: Follo	ow on inspection o	f barrier.				
SUXOS	Mel Lau	Proje	ct Manager B	Brian Stockwell			
Safety Officer	Lew Kovarik						



PHOTO LOG





OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.





PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM SCREENS.



PICTURE SHOWING DEBRIS REMOVED FROM SCREEN.





PICTURE SHOWING OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 10/14/10 Instructor	Time	Time: 1000 Log No.: 13				
Site Name & Location: Ravenna	Army Ammunition Plant,	Ravenna, OH				
Contract No.: 09-46-169	Task	Order Number:				
Site Supervisor or SUXOS: Mel	Lau SSH	D: Lew Kovarik				
Training Provided: 🛛 Initial Site I		ty Briefing ard-specific Training		DARRIER OPS		
	I. TRAINING TOPIC	S COVERED	<u>.</u>			
X Planned Site Activities	Chemical Hazards	1	Respirator	Jse		
X Physical Safety Hazards	Routes of Chemica	Exposure	Decontamir	nation Procedures		
🔀 Biological Hazards	Chemical Exposure	Symptoms X	Emergency	Procedures		
K Heat or Cold Stress	X Level of PPE	X	First Aid Pro	ocedures		
🔀 Site Controls	Types of PPE	X	Buddy Tear	n Procedures		
	II. TRAINING COURS		0			
Name (printed)	Signature		Organization PIKA			
S. BOUNER B FREEMAN	Bure Summer		PIKA			
	and good					
	1					
I certify that the personnel li	III. TRAINING VER		training desc	ibed above.		
der h		Mul	K/a			
Site Safety and Health Offi	cer	Sr. UXC	Supervisor or S	Site Supervisor		



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: ____ RVAAP, OHIO

PROJECT SITE: O&M Sand Creek Barrier System PROJECT No: 09-46-169

Date	Name	Representing	Equipment and PPE Level	IN	ime Out
10.14	J. D. MuGee	VISTA	0	9:51	10:15
				-	-
					-
					-
					-
				-	
					-
					-
	-				

Comments:__

Section B

Quarterly Evaluation and Effectiveness Reports



Trip Report

Prime Contract No:				Report No.	12	
PIKA JOB #:	09-46-169			Date:	09/15/10	
Project:	Operation and M	laintenance of th	ne San	d Creek Barrier	System	
Environmental Co						
	Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Sunny & Clear			
Temperature:		55° F				
Wind (Still, Moderate, High):		0-3 mph				
Humidity (Dry, Moderate, Humid):		Moderate				

Field Activities:

Description of debris inspection & removal activities: Removed leaves, twigs and mud from upper and lower barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Both screens are bowed but still functional. No cracks or breaks in screens. Barrier integrity has not been compromised.

Assessment of any changes since previous visit: None.

Repairs made or need to be made: The heavy accumulation of silt along the barriers needs removed to prevent damage.



Remarks:

Visitors: Jim McGee (Vista)

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	Х	Yes	
If "yes", refer attached summary of incident or	OSHA	report.		

Quality Control							
Inspections	s Performed	Non-Conformances	Corrective Action (CA) Follow-up on CA			
Major Problems and Resolution: None							
Schedule for Ne	xt Month: Foll	ow on inspection o	of barrier.				
SUXOS	Mel Lau	Proje	ct Manager	Brian Stockwell			
Safety Officer	Lew Kovaril	<					



PHOTO LOG





OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.





PICTURES SHOWING ACCUMULATED DEBRIS ON SCREENS UPON ARRIVAL.





PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM SCREENS.



PICTURE SHOWING DEBRIS REMOVED FROM SCREEN.





PICTURES SHOWING OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 09/15/10 Instructor(s): Lew Kovarik				Time: 0900 Log No.:			
Site Name & Location: Ravenna	Army Ammunition	Plant, Ravenna, O	Н				
Contract No.: 09-46-169		Task Order Num	ber:				
Site Supervisor or SUXOS: Mel L	au	SSHO: Lew Kova	nrik				
Training Provided: Initial Site H Weekly Safe	ly Safety Briefing sk/Hazard-specific Tr	aining	⊠Other:				
		OPICS COVERED					
Planned Site Activities	Chemical Ha			Respirator	Use		
Physical Safety Hazards	Routes of Ch	nemical Exposure			ination Procedures		
Biological Hazards	Chemical Ex	posure Symptoms	1	Emergenc	y Procedures		
Heat or Cold Stress	Level of PPE		-	First Aid P	rocedures		
Site Controls	L Types of PPI		L	Buddy Tea	am Procedures		
Other Topics:							
Name (printed)		OURSE ATTENDEE	s	Org	anization		
Mel LAY	Mah	Ta		Pili	9		
J.D. MuGee	K.D. ME	Slee		Vista			
BRUCE FREEMBAL	Build full			PIKA			
			-				
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			-				
		G VERIFICATION					
I certify that the personnel lis	sted on this roster have	received the safety and	health	training des	scribed above.		
Hen h	7		A	-ta			
Site Safety and Health Office	cer		Sr. UXC) Supervisor o	r Site Supervisor		



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: ____ RVAAP, OHIO

_____ PROJECT SITE: <u>O&M Sand Creek Barrier System</u> PROJECT No: <u>09-46-169</u>

Date	Name	Representing	Equipment and		me
		0.1	PPE Level	IN	Out
15 3000	Mel han	PITA	· D	0900	1030
15.Sept.	J. D. McGree	Vista	D	0905	0930
15SERT	BRUCE FREEMA. 1	PIKA	D	0905	1030
153ep	Mel Lan J. D. McGee Bruce Freenan Lew Kovarit	Pita Vista Pika Pita	Ĵ)	0900	10.32
				-	
				-	

- 4

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Comments:



QUARTERLY EFFECTIVENESS EVALUATION REPORT (#4)

(O & M TRIP's #10, #11, & #12)

SEPTEMBER 15, 2010



Quarterly Effectiveness Evaluation Report 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 04		
Date of QEE Site Visit:	9-15-10					
Time Period Covered	From:	7-28-10				
by QEE Report:	To:	9-15-10				
Dates of O&M Trip During Period Covered by QEE Report:		7-28	3-10			
		8-25	5-10			
Covered by QEE Report		9-15	5-10			

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 leaves-covered screens. No broken or cracked barrier structure components were observed. See photos.

Other changes observed: A build up of soil on the north side of Sand Creek on the up stream side of the west screen is causing the stream water to flow toward the east at that point, (See Photos). Jim McGee will discuss this issue with Mark Patterson and Derek Kinder to determine if corrective action is required. Removal of soil deposited in front of screens is scheduled for Oct. 2010.

Maintenance performed: Removed all materials from screens.

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.

Personnel Present During QEE Site Visit:

James D. McGee.....Vista Sciences Corp. (Project Mgr.) Mek Lau.....Pika UXO Tech Bruce Freeman.....Pika UXO Tech



QUARTERLY EFFECTIVENESS EVALUATION SEPTEMBER 15, 2010 PHOTOGRAPHIC LOG













Trip Report

Prime Contract No:				Report No.	11		
PIKA JOB #:	09-46-169			Date:	08/25/10		
Project:	Operation and N	Vaintenance of the Sand Creek Barrier System					
Environmental Conditions:							
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Cloudy					
Temperature:		70° F					
Wind (Still, Moderate, High):		still					
Humidity (Dry, Moderate, Humid):		Moderate					
		4					

Field Activities:

Description of debris inspection & removal activities: Removed leaves, twigs and mud from upper and lower barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Both screens are bowed but still functional. No cracks or breaks in screens. Barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: The heavy accumulation of silt along the barriers needs removed to prevent damage. Due to the amount of material present, a mini excavator or equivalent will be required to facilitate the removal operations.



Remarks:

Visitors: Jim McGee (Vista)

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	Х	Yes	<u> </u> .			
If "yes", refer attached summary of incident or OSHA report.							

Quality Control										
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA						
Major Problems and Resolution: None										
Schedule for Next Month: Follow on inspection of barrier										
SUXOS	Jim Bouvier	Proje	ct Manager Bi	rian Stockwell						
Safety Officer	Cameron We	enzel								



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL





PICTURE SHOWING UXO TECHNICIANS REMOVING ACCUMULATED DEBRIS FROM SCREENS.



PICTURE SHOWING DEBRIS REMOVED FROM SCREENS.





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log


PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 08/25/10 Instructor(s): Cameron Wenzel		Time: 0730 Log No.: 11			
	Army Ammunition Plant, Ravenna, OH				
Contract No.: 09-46-169	Task Order Numbe	er:			
Site Supervisor or SUXOS: Jim Bo	ouvier SSHO: Cameron V	Venzel			
	zard Training 🗌 Daily Safety Briefing	XOther: SAND CREEK			
	/ Training 🛛 Task/Hazard-specific Tra	ining BARRIER OPS			
- Participant -	I. TRAINING TOPICS COVERED				
Planned Site Activities	Chemical Hazards	Respirator Use			
Physical Safety Hazards	Routes of Chemical Exposure	Decontamination Procedures			
Biological Hazards	Chemical Exposure Symptoms	Emergency Procedures			
Heat or Cold Stress	Level of PPE	First Aid Procedures			
Site Controls	Types of PPE	Buddy Team Procedures			
Other Topics:					
	II. TRAINING COURSE ATTENDEES				
Name (printed)	Sigņature	Organization			
JAMES BOUVIER		PIKA			
PRUL DUNCAN	Had Columna	PIKA			
MAKKON W) KNOGE (INSTRUTTOR)	(786 -	PIKA			
	III. TRAINING VERIFICATION				
I certify that the personnel liste	ed on this roster have received the safety and h	ealth training described above.			
(N/ 001					
Site Safety and Health Officer		r. UXO Supervisor or Site Supervisor			
	5				



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO

PROJECT SITE: <u>O&M Sand Creek Barrier System</u> PROJECT NO: <u>09-46-169</u>

Date	Name	Representing	Equipment and PPE Level	Time IN Out		
8/25/10	JimMcGee	Vista RVAAP	a	0130		
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				6.1		

Comments:



Trip Report

Prime Contract No:				Report No.	10	
PIKA JOB #:	09-46-169			Date:	07/28/10	
Project:	Operation and M	peration and Maintenance of the Sand Creek Barrier System				
Environmental Co						
	Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Sunny			
Temperature:	•		76° F			
Wind (Still, Moderate, High):		still				
Humidity (Dry, Moderate, Humid):		Moderate				
		1				

Field Activities:

Description of debris inspection & removal activities: Removed the accumulated mud, leaves and twigs from barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Both screens are bowed but still functional. No cracks or breaks in screens. Barrier integrity has not been compromised.

Assessment of any changes since previous visit: Due to ongoing erosion of the stream bank a heavy accumulation of silt is building on the southern end of each of the barriers. The build up is visible in the attached pictures.

Repairs made or need to be made: The heavy accumulation of silt needs removed to prevent damage to the barriers. Due to the amount of material present, a mini excavator or equivalent will be required to facilitate the removal operations.



Remarks:

Visitors: Eileen Mohr (Ohio EPA), Jim McGee (Vista)

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	х	Yes	
If "yes", refer attached summary of incident or				

Quality Control				
Inspections F	Performed	Non-Conformances	Corrective Action (CA)) Follow-up on CA
Major Problems a	nd Resolution:	None		
Schedule for Next	Month: Follo	ow on inspection o	of barrier	
SUXOS	Mel Lau	Proje	ct Manager I	Brian Stockwell
Safety Officer	Lew Kovarik			



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL





PICTURE SHOWING ACCUMULATED DEBRIS ON SCREEN





PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM SCREENS. ALSO VISIBLE IS THE HEAVY ACCUMULATION SILT ALONG THE SCREEN NEAR THE STREAM BANK.





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log

PIKA

PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 07/28/10 Instructor(s): Mel Lau		Time: 10:00		Log No.: 10		
Site Name & Location: Ravenna Ar						
Contract No.: 09-46-169		Task Order Number:				
Site Supervisor or SUXOS: Mel Lau		SSHO: Lew Kova	arik			
Training Provided: 🛛 Initial Site Haza	ard Training 凶 Dail	y Safety Briefing		⊠Other:	• • •	
Weekly Safety	Training 🗌 Tas	k/Hazard-specific Ti	aining			
	I. TRAINING T	OPICS COVERED				
X Planned Site Activities	Chemical Haz	zards		Respirator L	Jse	
义 Physical Safety Hazards		emical Exposure		· · ·	ation Procedures	
Biological Hazards		osure Symptoms	X	Emergency		
Heat or Cold Stress	Level of PPE			First Aid Pro		
Site Controls	Types of PPE		Ι¥_	Buddy Team Procedures		
Other Topics:						
· · · · · · · · · · · · · · · · · · ·						
		URSE ATTENDEE	5	Organ	nization	
Name (printed)	- Sign	ature		PIKA		
BRUCE FREEMAN.	Rive Juli	~ /		TIKA		
Bill Fim PATRICK	War I Tan	in m	Ķ	Hero Tor K	· · · · · · · · · · · · · · · · · · ·	
Mel Lng	Mul	7~		Pika		
					NR 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			<u> </u>			
	TIT TRAINING	VERIFICATION	<u> </u>			
I-certify that the personnel listed			l health	training descr	ibed above.	
Leu -			1/L	Va-		
Site Safety and Health Officer	····	<u>/</u>	Sr. UXC	Supervisor or S	ite Supervisor	



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: ____O&M Sand Creek Barrier System ____PROJECT NO: ____O9-46-169

Date	Name	Representing	Equipment and	nent and Time	
,			PPE Level	IN	Out
7/28	Jim McGee Elen Nohr	VISTA OLIO EPA	0	0915	1000
7/28	Elen Nohr	OLIO EPA	Ď	0915	1000
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			· · · ·		
ļ					
			/	·	

Comments:_____



Trip Report

Prime Contract No:				Report No.	9		
PIKA JOB #:	09-46-169			Date:	06/30/10		
Project:	Operation and Maintenance of the Sand Creek Barrier System						
Environmental Co							
	Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		White Clouds, Bright and Sunny				
Temperature:	· ·		68° F				
Wind (Still, Moderate, High):		still					
Humidity (Dry, Moderate, Humid):		Moderate					
		1					

Field Activities:

Description of debris inspection & removal activities: Removed the accumulated leaves and twigs from barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None



Remarks:

Visitors: none

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	Х	Yes	<u> </u> .	
If "yes", refer attached summary of incident or					

Quality Control				
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA
Major Problems ar	nd Resolution:	None		
Schedule for Next	Month: Follo	ow on inspection o	of barrier	
SUXOS	James Enni	s Proje	ct Manager B	rian Stockwell
Safety Officer	Bruce Freem	nan		



PHOTO LOG





PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM SCREEN.



PICTURE OF SCREEN FOLLOWING CLEANUP.





PICTURE SHOWING SCREENS AFTER DEBRIS HAS BEEN REMOVED.





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 06/30/10 Instructor(s): James Ennis					
Site Name & Location: Ravenna Army Ammunition Plant, Ravenn Contract No.: 09-46-169 Task Order N					
T,	Task Order Number:				
es Ennis S	SHO: Bruce Free	eman			
lazard Training 🗌 Daily S	Safety Briefing	図Other:			
		ining			
I. TRAINING TOP	ICS COVERED				
Chemical Hazar	ds	Respirator	Use		
Routes of Chem	nical Exposure	Decontam	ination Procedures		
Chemical Expos	ure Symptoms	Emergency	/ Procedures		
Level of PPE		First Aid P	rocedures		
Types of PPE	l de la companya de la	Buddy Tea	m Procedures		
II. TRAINING COU	RSE ATTENDEES				
Signat	ure		nization		
James Cn	nis				
Pallal fillen	3	PILE)		
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III. TRAINING V	ERIFICATION				
sted on this roster have rece	ived the safety and I	health training desc	cribed above.		
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er	han	Sr. UXO Supervisor or			
	Army Ammunition Pla Tail Tail Es Ennis State Iazard Training Daily State Iazard Training Task/F I. TRAINING TOP Chemical Hazar Routes of Chem Chemical Expose Level of PPE Types of PPE Types of PPE Signat State Signat State Signat State Signat III. TRAINING COUL Signat III. TRAINING VI Signat III. TRAINING VI Signat III. TRAINING VI Signat III. TRAINING VI Signat	Army Ammunition Plant, Ravenna, Oh Task Order Numb as Ennis SSHO: Bruce Free lazard Training Daily Safety Briefing ety Training Task/Hazard-specific Tra I. TRAINING TOPICS COVERED Chemical Hazards Routes of Chemical Exposure Chemical Exposure Symptoms Level of PPE Types of PPE II. TRAINING COURSE ATTENDEES Signature Bulk Julk Signature Bulk Julk Mark III. TRAINING COURSE ATTENDEES Signature III. TRAINING COURSE ATTENDEES Signature III. TRAINING COURSE ATTENDEES Signature III. TRAINING VERIFICATION Mark III. TRAINING VERIFICATION Sted on this roster have received the safety and I	Army Ammunition Plant, Ravenna, OH Task Order Number: as Ennis SSH0: Bruce Freeman lazard Training Daily Safety Briefing ØOther: ty Training Task/Hazard-specific Training ØOther: ity Training Chemical Hazards Respirator Routes of Chemical Exposure Decontami Decontami Chemical Exposure Symptoms Emergency Itypes of PPE Buddy Tea II. TRAINING COURSE ATTENDEES Signature Orga Marga Cmiss P ± 14A Marga P ± 14A P ± 14A Marga Difference Itype III. TRAINING VERIFICATION Itype Itype III. TRAINING VERIFICATION Itype Itype III. TRAINING VERIFICATION Itype Itype III. TRAINING VERIFICATION Marga Itype III. TRAINING VERIFICATION Itype Itype III. TRAINING VERIFICATION<		



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOC	ATION:	RVAAP, OHIO		Secolution and	_
PROJECT SITE:	O&M San	d Creek Barrier System	PROJECT NO:	09-46-169	

Date	Name	Representing	Equipment and PPE Level	Time IN Out	
			PPE Level	TIN	Out
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Comments:



QUARTERLY EFFECTIVENESS EVALUATION REPORT (#2)

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

MAY 24, 2010



Quarterly Effectiveness Evaluation Report 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			
Date of QEE Site Visit:	5/24/10						
Time Period Covered	From: Jan 10	10 1/28/10					
by QEE Report:	To: Mar. 10	1-28-10					
Dates of O&M Trip During Period Covered by QEE Report:			1/28/10				
			2/18/10				
Covered by QEE Report	L•	3/25	/10				

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. Some ice build up was found on screens during the January, February, and March 2010 inspections.

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

Other changes observed: None

Maintenance performed: Removed all materials from screens.

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.

Personnel Present During QEE Site Visit:

James D. McGee...Vista Sciences Corp. (Project Mgr.) James Ennis......PIKA UXO Tech Gene Morales......PIKA UXO Tech



Quarterly Effectiveness Evaluation MAY 24, 2010 Photographic Log







Trip Report

Prime Contract No:				Report No.	8	
PIKA JOB #:	09-46-169			Date:	05/24/10	
Project:	Operation and Maintenance of the			and Creek Barrier System		
Environmental Conditions:						
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Bright and Sunny				
Temperature:		72° F				
Wind (Still, Moderate, High):		still				
Humidity (Dry, Moderate, Humid):		Moderate				

Field Activities:

Description of debris inspection & removal activities: Removed the accumulated leaves and twigs from barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None



Remarks:

Visitors: Jim McGee (Vista)

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	Х	Yes	
If "yes", refer attached summary of incident or	OSHA	report.		

Quality Control								
Inspections Pe	rformed	Non-Conformances	Corrective Action (CA	A) Follow-up on CA				
Major Problems an	d Resolution:	None						
Schedule for Next I	Schedule for Next Month: Follow on inspection of barrier							
		·						
SUXOS	James "Jiggs	s" Ennis Proj	ect Manager	Brian Stockwell				
Safety Officer	Gene Morale	-	Ŭ					



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL.





PICTURE SHOWING ACCUMULATED DEBRIS ON SCREEN.



PICTURE SHOWING THE BUILD UP OF SAND AND ROCK





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log

PIKA

PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 05/24/10 Instructor(s): James Ennis				: 10:00	Log No.: 8		
Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH							
Contract No.: 09-46-169 Task Order Number:							
Site Supervisor or SUXOS: James Ennis 🔞 🦣 SSHO: Gene Morales							
Training Provided: Initial Site Hazard Training Daily Safety Briefing KOther:							
U Weekly Safety Training Task/Hazard-specific Training							
I. TRAINING TOPICS COVERED							
Planned Site Activities	Chemical Haz		ļ	Respirator L			
Physical Safety Hazards		emical Exposure			ation Procedures		
Biological Hazards		oosure Symptoms	$\overline{\mathcal{V}}$		Emergency Procedures		
Heat or Cold Stress	Level of PPE		\swarrow	First Aid Procedures			
Site Controls	Types of PPE		1	Buddy Team Procedures			
Other Topics:							
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Name (printed)		URSE ATTENDEES	>	Organ	nization		
James Jags Ennis	Loch	mus		orgai	Ización		
Gene Moraler	601	Nou	Arerotiste				
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III. TRAINING VERIFICATION							
I certify that the personnel listed on this roster have received the safety and health training described above.							
the More Lines China							
Site Safety and Health Officer							
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Visitor Sign-In Log



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Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: ____O&M Sand Creek Barrier System ____PROJECT NO: ____O9-46-169

Date	Name Representing Equipment a		Equipment and	Ti	me
			PPE Level	IN	Out
5-24	J. D. MiGee	VISTA		MAOL	10:25
	· · ·				
		_			
-					

Comments:_____



Trip Report

Prime Contract No:				Report No.	7	
PIKA JOB #:	09-46-169			Date:	04/29/10	
Project:	Operation and N	ne San	d Creek Barrier	System		
Environmental Co						
Weather Conditions Clear, Overcast, Ra		Clear and Sunny				
Temperature:		60° F				
Wind (Still, Moderate, High):		0-3				
Humidity (Dry, Moderate, Humid):		Dry				

Field Activities:

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

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: Left side of stream bed is changing due to sand and gravel accumulation.

Repairs made or need to be made: None



Remarks:

Visitors: None

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	х	Yes	<u> </u> .	
If "yes", refer attached summary of incident or	OSHA	report.			

Quality Control				
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA
Major Problems ar	d Resolution:	None		
Schedule for Next	Month: Follo	ow on inspection o	f barrier	
SUXOS	Mel Lau	Proje	ct Manager B	rian Stockwell
Safety Officer	Brian Stockv	vell		



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL.





PICTURES SHOWING ACCUMULATED DEBRIS ON SCREENS.



PICTURE SHOWING NARROWING OF STREAM DUE TO SAND AND ROCK BUILDUP.



PICTURE SHOWING THE BUILD UP OF SAND AND ROCK









OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log

PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 04/29/10 Instructor(s):	e: 04/29/10 Instructor(s): Mel Lau			Time:	10:00	Log No.: 7		
Site Name & Location: Ravenna Arr								
Contract No.: 09-46-169	Contract No.: 09-46-169 Task Order Number:							
Site Supervisor or SUXOS: Mel Lau SSHO: Brian Stockwell								
Training Provided: 🛛 Initial Site Haza	Training Provided: 🛛 Initial Site Hazard Training 🗆 Daily Safety Briefing 🛛 🖄 Other:							
Weekly Safety 1	Weekly Safety Training Task/Hazard-specific Training							
	I. 1		OPICS COVERED					
Planned Site Activities		Chemical Haz			Respirator L			
Physical Safety Hazards			emical Exposure	+ +	-	ation Procedures		
L Biological Hazards			osure Symptoms	+ +	Emergency			
Heat or Cold Stress	~	Level of PPE	P	++	First Aid Pro			
Site Controls Other Topics:		Types of PPE			Buddy Team	n Procedures		
	Т. Т	RATNING CO	URSE ATTENDEES					
Name (printed)			ature		Organ	nization		
Mel Lan	J		Ja.		- Fika			
Rusty Trace y		fair	Free		Pita	······································		
		<u></u>						
				 				
			VERIFICATION					
I certify that the personnel listed	on thi	s roster have re	eceived the safety and	health t	raining descri	bed above.		
SUTT				Ma	L			
Site Safety and Health Officer			-	Sr. UXO S	Supervisor or S	itè Supervisor		



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO_

PROJECT SITE: O&M Sand Creek Barrier System PROJECT NO: 09-46-169

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

Comments:_____



Trip Report

Prime Contract No:				Report No.	6
PIKA JOB #:	09-46-169			Date:	03/25/10
Project:	Operation and Maintenance of the			d Creek Barrier	System
Environmental Conditions:					
Weather Conditions Clear, Overcast, Ra	v v	Cloudy and overcast			
Temperature:		49° F			
Wind (Still, Moderate, High):		Still			
Humidity (Dry, Moderate, Humid):		Dry			
		1			

Field Activities:

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

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None



Remarks:

Visitors: None

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	Х	Yes	 .	
If "yes", refer attached summary of incident or	OSHA	report.			

Quality Control				
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA
Major Problems ar	nd Resolution:	None		
Schedule for Next	Month: Follo	ow on inspection o	of barrier	
SUXOS	Lew Kovarik	Proje	ct Manager E	Brian Stockwell
UXO Safety Officer	James Ennis			



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL.





PICTURES SHOWING ACCUMULATED DEBRIS ON SCREENS.





PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM SCREEN.





OVERVIEW UPON DEPARTURE.



Safety Training Attendance Log

PIKA

PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 03/25/10 Instructor(s):	Lew Kovarik	Time: 1000 Log No.: 6						
	Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH							
Contract No.: 09-46-169								
Site Supervisor or SUXOS: Lew Kovarik SSHO: James Ennis								
Training Provided: 🛛 Initial Site Haza	Training Provided: Initial Site Hazard Training A-Daily Safety Briefing Other:							
Weekly Safety	Training 🛛 Task/Hazard-specific Tr	aining						
	I. TRAINING TOPICS COVERED							
Planned Site Activities	Chemical Hazards	Respirator Use						
Y Physical Safety Hazards	Routes of Chemical Exposure	Decontamination Procedures						
Biological Hazards	Chemical Exposure Symptoms	Emergency Procedures						
Y- Heat or Cold Stress	Level of PPE	First Aid Procedures						
Site Controls	Types of PPE	Buddy Team Procedures						
Other Topics:								
	II. TRAINING COURSE ATTENDEES							
Name (printed)	Signature	Organization						
Lew Kourt K-	Rent	PAKA						
aliques Ennis	Veges Somes	PILA						
Chuck Morsock	O OVER MS-()	PT+A						
	·····							
	· · · · · · · · · · · · · · · · · · ·							
	III. TRAINING VERIFICATION							
I certify that the personnel listed	on this roster have received the safety and	health training described above.						
- figgs Cinnes	Kei							
Sile Safety and Health Officer		Sr. UXO Supervisor or Site Supervisor						



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: ____O&M Sand Creek Barrier System ____PROJECT NO: ____O9-46-169

Date	Name	Representing	Equipment and	Time		
			PPE Level	IN	Out	
	NONE					
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				<u> </u>		
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Comments:_____



Trip Report

Prime Contract No:				Report No.	5
PIKA JOB #:	09-46-169			Date:	02/18/10
Project:	Operation and M	ne San	d Creek Barrier	System	
Environmental Co					
Weather Conditions Clear, Overcast, Ra	· · ·	SNOW & ICE			
Temperature:		31° F			
Wind (Still, Moderate, High):		0-3 Moderate			
Humidity (Dry, Moderate, Humid):		Dry			
		1			

Field Activities:

Description of debris inspection & removal activities: The majority of the barriers are covered in a thick layer of snow and ice. Snow was approximately 2.5 feet deep at barrier fences. Ice was up to 12 inches thick on both screens. A small section of each barrier is free of ice and snow. The accumulated leaves and thin layer of ice and snow along these exposed sections were removed. No MEC/MD found.

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None



Remarks:

Visitor	s: Eilee	en Mohr	(Ohio	EPA),	Jim	McGee	(Vista),	Mark	Patterson	(RVAAP)	Rex	Hufenb	bach
(Camp	Raver	na - Oł	HARNG	i)									

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	Х	Yes .
If "yes", refer attached summary of incident or	OSHA	report.	

Quality Control										
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA						
Major Problems ar	nd Resolution:	None								
Schedule for Next Month: Follow on inspection of barrier										
SUXOS	Mel Lau	Proje	ct Manager	Brian Stockwell						
UXO Safety Officer	James Bouvi	ier								



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL.





PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED SNOW AND ICE FROM SCREENS.



PICTURE SHOWING EXTENT OF BEND IN DOWNSTREAM BARRIER TO DATE.





CLOSEUP OF BARRIER FOLLOWING CLEANUP.



7 of 11

OVERVIEW UPON DEPARTURE.





Operation and Maintenance - Sand Creek Barrier System



Safety Training Attendance Log

ΡΙΚΑ

PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 02/18/10 Instructor(s)	Time:	Log No.: 5							
Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH									
Contract No.: Task Order Number:									
Site Supervisor or SUXOS: Mel Lau SSHO: James Bouvier									
Training Provided: Initial Site Hazard Training Daily Safety Briefing KOther:									
Weekly Safety Training Task/Hazard-specific Training									
I. TRAINING TOPICS COVERED									
Planned Site Activities	Chemical Haz	ards	Respirator	Use					
Physical Safety Hazards		emical Exposure		Decontamination Procedures					
Biological Hazards		osure Symptoms		Procedures					
Heat or Cold Stress	Level of PPE		First Aid Pr	ocedures					
Site Controls	Types of PPE		Buddy Tea	m Procedures					
Other Topics:									
	II. TRAINING CO								
Name (printed)		ature	Organization						
Mel LAM	Mith		<u>fi ka</u>						
Mark Patterson	m. P.S		PIKA						
Mark Patterson Eileen nonz	11 and 1 av	<u> </u>	BRAC/RVAAP Dhu EPA						
Jim McGee	S.DIMI S		VISTA						
SFC REX HUFENBACH	- tur ful	L X	CAMP RAVENNA - OHARNG						

Network (1997)									
	III. TRAINING								
I certify that the personnel liste	d on this roster have re	ceived the safety and	health training desc	ribed above.					
			1 tan						
Site Safety and Health Officer			Sr. DXO Supervisor or S	Site Supervisor					



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: ____O&M Sand Creek Barrier System ____PROJECT NO: ____O9-46-169____

Date	Name	Representing	Equipment and	Time		
			PPE Level	IN	Out	
18Febb	Mark Patter son	BRAC/RUNAP	Q	1000	1130	
	Silp. Mahr	Ohio EPA	P	1000	11 30	
18 Feb 10	Eileen Mohr Jim McGee	Vista	ρ	1000	1130	
18 Feb 10	Ret HuFen bach	CompRAvours OHARNE	\checkmark	100 C	1130.	
		/				
		1				
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Comments:



QUARTERLY EFFECTIVENESS EVALUATION REPORT (#1)

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

FEBRUARY 1, 2010


Quarterly Effectiveness Evaluation Report 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 01			
Date of QEE Site Visit:	1-28-10						
Time Period Covered	From: Oct. 09	11-24	1-24-09				
by QEE Report:	To: Jan. 10	1-28-10					
Dates of O&M Trip During Period Covered by QEE Report:		11-24-09					
		12-21-09					
Covered by QEE Report		1-28	-10				

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. Some ice build up was found on screens during the Jan. 2010 inspection.

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

Other changes observed: None

Maintenance performed: Removed all materials from screens.

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.

Personnel Present During QEE Site Visit:

James D. McGee...Vista Sciences Corp. (Project Mgr.) Mel Lau.....Pika UXO Tech James Ennis......Pika UXO Tech Christy Esler......Vista Sciences Corp. (Representing Mark Patterson, RVAAP Facility Mgr.) Eileen Mohr......Ohio EPA



Quarterly Effectiveness Evaluation February 1, 2010 Photographic Log





CLOSEUP OF UPSTREAM BARRIER FOLLOWING CLEANUP.



PICTURE SHOWING EXTENT OF BEND IN DOWNSTREAM BARRIER TO DATE.



Trip Report

Prime Contract No:				Report No.	4
PIKA JOB #:	09-46-169			Date:	01/28/10
Project:	Operation and M	tion and Maintenance of the Sand Creek Barrier System			
Environmental Co					
Weather Conditions Clear, Overcast, Ra	Cloudy, SNOW FLURRIES				
Temperature: 26° F					
Wind (Still, Moderat	0-5 Moderate				
Humidity (Dry, Moderate, Humid): Dry					
		•			

Field Activities:

Description of debris inspection & removal activities: Removed leaves, sticks, mud and some ice/snow from barrier. No MEC/MD found.

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None



Remarks:

Visitors: Eileen Mohr (Ohio EPA), Jim McGee (Vista), Christy Esler (Vista-RVAAP)

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	Х	Yes	<u> </u> .	
If "yes", refer attached summary of incident or	OSHA	report.			

Quality Control				
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA) Follow-up on CA
Major Problems ar	nd Resolution:	None		
Schedule for Next	Month: Follo	ow on inspection o	of barrier	
SUXOS	Mel Lau	Proje	ct Manager	Brian Stockwell
UXO Safety Officer	James Ennis			



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL.



CLOSEUP OF UPSTREAM BARRIER PRIOR TO CLEANUP.





PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM SCREENS.





CLOSEUP OF UPSTREAM BARRIER FOLLOWING CLEANUP.



PICTURE SHOWING EXTENT OF BEND IN DOWNSTREAM BARRIER TO DATE.



Operation and Maintenance - Sand Creek Barrier System



OVERVIEW UPON DEPARTURE.



Safety Training Attendance Log

PIKA SAFETY TRAINING ATTENDANCE LOG

Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH Contract No.: Task Order Number: Site Supervisor or SUXOS: Mel Lau SSHO: James Ennis Training Provided: Initial Site Hazard Training Daily Safety Briefing Veekly Safety Training C. TRAINING TOPICS COVERED X Planned Site Activities Chemical Hazards Chemical Exposure Biological Hazards Chemical Exposure Symptoms Emergency Procedures Uiter Topics: II. TRAINING COURSE ATTENDEES Name (printed) Signature Organization Mel Azu Amax	Date: 01/28/10 Instructor(s):	Mel Lau	Time: 10; 30 Log No.: 4					
Site Supervisor or SUXOS: Mel Lau SSHO: James Ennis Training Provided: Initial Site Hazard Training Daily Safety Briefing Image: Control Score Sc	Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH							
Training Provided: Initial Site Hazard Training Daily Safety Briefing Image: Control of C	Contract No.: Task Order Number:							
Weekly Safety Training Task/Hazard-specific Training I. TRAINING TOPICS COVERED X Planned Site Activities Physical Safety Hazards Routes of Chemical Exposure Biological Hazards Chemical Exposure Symptoms Biological Hazards Chemical Exposure Symptoms Heat or Cold Stress Level of PPE Site Controls Types of PPE Other Topics: II. TRAINING COURSE ATTENDEES Meel h.Au Mult Rau Meel h.Au Mult Rau Tames Funct Funct Mult Rau Mees Mult Rau<	Site Supervisor or SUXOS: Mel Lau SSHO: James Ennis							
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Kalen Non- You A Men Ohia EPA	James Million	ALGING D. MUSLED	VESTA					
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III. TRAINING VERIFICATION		III. TRAINING VERIFICATION						
I certify that the personnel listed on this roster have received the safety and health training described above.	I certify that the personnel listed	on this roster have received the safety and l	nealth training described above.					
James Como M17	James China		4.07					
Site Safety and Health Officer Sr. UXO Supervisor or Site Supervisor	Site Safety and Health Officer		r. UXO Supervisor or Site Supervisor					



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: _____O&M Sand Creek Barrier System _____PROJECT NO: _____09-46-169

Date	Name	Representing	Equipment and	Ti	me
			PPE Level	IN	Out
1-28-10	J.A. McGee F.Len Mobe Christy Ester	VISTA	0	16:30	11:03
1-7.8-10	Elzen Miche	Charpo		1030	1103
28 Jan 10	Christy Esler	UISTA-RVAAP	Ď	10:30	11:03
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Comments:_____



Trip Report

Prime Contract No:				Report No.	4
PIKA JOB #:	09-46-169			Date:	01/28/10
Project:	Operation and M	ion and Maintenance of the Sand Creek Barrier System			
Environmental Co					
Weather Conditions Clear, Overcast, Ra	Cloudy, SNOW FLURRIES				
Temperature: 26° F					
Wind (Still, Moderat	0-5 Moderate				
Humidity (Dry, Moderate, Humid): Dry					
		•			

Field Activities:

Description of debris inspection & removal activities: Removed leaves, sticks, mud and some ice/snow from barrier. No MEC/MD found.

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None



Remarks:

Visitors: Eileen Mohr (Ohio EPA), Jim McGee (Vista), Christy Esler (Vista-RVAAP)

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	Х	Yes	<u> </u> .	
If "yes", refer attached summary of incident or	OSHA	report.			

Quality Control				
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)) Follow-up on CA
Major Problems ar	nd Resolution:	None		
Schedule for Next	Month: Follo	ow on inspection o	of barrier	
SUXOS	Mel Lau	Proje	ct Manager I	Brian Stockwell
UXO Safety Officer	James Ennis			



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL.



CLOSEUP OF UPSTREAM BARRIER PRIOR TO CLEANUP.





PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM SCREENS.





CLOSEUP OF UPSTREAM BARRIER FOLLOWING CLEANUP.



PICTURE SHOWING EXTENT OF BEND IN DOWNSTREAM BARRIER TO DATE.



Operation and Maintenance - Sand Creek Barrier System



OVERVIEW UPON DEPARTURE.



Safety Training Attendance Log

PIKA SAFETY TRAINING ATTENDANCE LOG

Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH Contract No.: Task Order Number: Site Supervisor or SUXOS: Mel Lau SSHO: James Ennis Training Provided: Initial Site Hazard Training Daily Safety Briefing Veekly Safety Training C. TRAINING TOPICS COVERED X Planned Site Activities Chemical Hazards Chemical Exposure Biological Hazards Chemical Exposure Symptoms Emergency Procedures Uiter Topics: II. TRAINING COURSE ATTENDEES Name (printed) Signature Organization Mel Azu Amax	Date: 01/28/10 Instructor(s):	Mel Lau	Time: 10; 30 Log No.: 4					
Site Supervisor or SUXOS: Mel Lau SSHO: James Ennis Training Provided: Initial Site Hazard Training Daily Safety Briefing Image: Control Score Sc	Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH							
Training Provided: Initial Site Hazard Training Daily Safety Briefing Image: Control of C	Contract No.: Task Order Number:							
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III. TRAINING VERIFICATION		III. TRAINING VERIFICATION						
I certify that the personnel listed on this roster have received the safety and health training described above.	I certify that the personnel listed	on this roster have received the safety and l	nealth training described above.					
James Como M17	James China		4.07					
Site Safety and Health Officer Sr. UXO Supervisor or Site Supervisor	Site Safety and Health Officer		r. UXO Supervisor or Site Supervisor					



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO PROJECT SITE: _____O&M Sand Creek Barrier System _____PROJECT NO: _____09-46-169

Date	Name	Representing	Equipment and	Ti	me
			PPE Level	IN	Out
1-28-10	J.A. McGee F.Leon Mobe Christy Ester	VISTA	0	16:30	11:03
1-7.8-10	Elzen Miche	Charpo		1030	1103
28 Jan 10	Christy Esler	UISTA-RVAAP	Ď	10:30	11:03
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Comments:_____



Trip Report

Prime Contract No:				Report No.	7
PIKA JOB #:	09-46-169			Date:	04/29/10
Project:	Operation and N	d Maintenance of the Sand Creek Barrier System			
Environmental Co					
Weather Conditions Clear, Overcast, Ra	Clear and Sunny				
Temperature: 60° F					
Wind (Still, Moderate, High):		0-3			
Humidity (Dry, Moderate, Humid): Dry					

Field Activities:

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

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: Left side of stream bed is changing due to sand and gravel accumulation.

Repairs made or need to be made: None



Remarks:

Visitors: None

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	х	Yes	<u> </u>	
If "yes", refer attached summary of incident or	OSHA	report.			

Quality Control						
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA		
Major Problems ar	nd Resolution:	None				
Schedule for Next Month: Follow on inspection of barrier						
SUXOS	Mel Lau	Proje	ct Manager B	Brian Stockwell		
Safety Officer	Brian Stockv	vell				



PHOTO LOG





PICTURES SHOWING SAND CREEK BARRIERS UPON ARRIVAL.





PICTURES SHOWING ACCUMULATED DEBRIS ON SCREENS.







PICTURE SHOWING THE BUILD UP OF SAND AND ROCK









OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log

PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 04/29/10 Instructor(s): Mel Lau			Time: 10:00	Log No.: 7		
Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH					······································	
Contract No.: 09-46-169 Task Order Number:						
Site Supervisor or SUXOS: Mel Lau SSHO: Brian Stockwell						
Training Provided: Initial Site Hazard Training Daily Safety Briefing Other:						
Weekly Safety Training Task/Hazard-specific Training						
	I.	TRAINING TO	OPICS COVERED			
Planned Site Activ	vitles	Chemical Haz	ards	Jse		
Physical Safety H		Routes of Che	emical Exposure	Decontamination Procedures		
Biological Hazard			osure Symptoms	Emergency Procedures		
Heat or Cold Stre	ess ب	LOTOLOTTIL	P	First Aid Pro		
Site Controls		Types of PPE		Buddy Tean	n Procedures	
Other Topics:						
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III. TRAINING VERIFICATION						
I certify that the personnel listed on this roster have received the safety and health training described above.						
Statt 7						
Site Safety a	and Health Officer			Sr. UXO Supervisor or S	ite Supervisor	
					I	



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: _____RVAAP, OHIO_

PROJECT SITE: O&M Sand Creek Barrier System PROJECT NO: 09-46-169

Date Name	Name	Representing	Equipment and PPE Level		Time	
		PPE Level	IN	Out		
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	/					

Comments:_____


Trip Report

Prime Contract No:				Report No.	9
PIKA JOB #:	09-46-169			Date:	06/30/10
Project: Operation and Maintenance of t		laintenance of th	ne San	d Creek Barrier	System
Environmental Conditions:					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		White Clouds, Bright and Sunny			
Temperature:		68° F			
Wind (Still, Moderate, High):		still			
Humidity (Dry, Mod	Moderate				
		1			

Field Activities:

Description of debris inspection & removal activities: Removed the accumulated leaves and twigs from barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Slight bend in both screens however; barrier integrity has not been compromised.

Assessment of any changes since previous visit: None

Repairs made or need to be made: None



Remarks:

Visitors: none

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	Х	Yes	
If "yes", refer attached summary of incident or	OSHA	report.		

								
Quality Control								
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA				
Major Problems ar	nd Resolution:	None						
Schedule for Next	Month: Follo	ow on inspection o	of barrier					
SUXOS	James Enni	s Proje	ct Manager B	rian Stockwell				
Safety Officer	Bruce Freem	nan						



PHOTO LOG





PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM SCREEN.



PICTURE OF SCREEN FOLLOWING CLEANUP.





PICTURE SHOWING SCREENS AFTER DEBRIS HAS BEEN REMOVED.





OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 06/30/10 Instructor(s): James Ennis					
Army Ammunition Pla	nt, Ravenna, OF	1			
T,	Task Order Number:				
es Ennis S	SSHO: Bruce Freeman				
lazard Training 🗌 Daily S	Safety Briefing	図Other:			
		ining			
I. TRAINING TOP	ICS COVERED				
Chemical Hazar	ds	Respirator	Use		
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Chemical Expos	ure Symptoms	Emergency	/ Procedures		
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II. TRAINING COU	RSE ATTENDEES				
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Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOC	ATION:	RVAAP, OHIO		Secolution and	_
PROJECT SITE:	O&M San	d Creek Barrier System	PROJECT NO:	09-46-169	

Date Name	Name	Representing	Equipment and PPE Level	Ti	me Out
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Comments:

Operations and Maintenance Trip Reports and Quarterly Effectiveness Evaluation Reports

Time Critical Response Action for the Rocket Ridge Area of Open Demolition Area #2 (RVAAP-004-R-01 Open Demolition Area #2 MRS)

Military Munitions Response Program Ravenna Army Ammunition Plant Ravenna, Ohio

Submitted To: US ARMY CORPS OF ENGINEERS OMAHA DISTRICT CENWO-PM 1616 Capitol Avenue, Suite 9000 OMAHA, NE 68102-4901

Prepared By: Vista Sciences Corporation 205 W. Boutz Rd., Bldg. 3, Ste C Las Cruces, NM 88005

Contract Number W912QR-09-C-0084



October 2010 – September 2011

DISTRIBUTION LIST

	Electronic/E	Electronic/C	
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Mark Patterson, RVAAP/Facility Manager	1	2	2
Christy Esler, RVAAP/Vista Sciences	1	0	0
Mark Krivansky, USAEC/ERM	1	0	1
Katie Elgin, OHARNG/Env. Specialist	1	0	0
Eileen Mohr, Ohio EPA/PM	1	1	1
Derek Kinder, USACE	1	0	0
Glen Beckham, USACE	1	0	0
Adam Connelly, USACE	1	0	0
Brooke Conway, USACE	1	0	0
Travis McCoun, USACE	1	0	0
Leo Cueto, Vista Sciences Corporation/CEO	1	1	1
	11	4	5

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Section A

Operations and Maintenance Reports



Trip Report

Prime Contract No:				Report No.	1
PIKA JOB #:	09-46-169			Date:	10/14/10
Project:	Project: Operation and Maintenance		ne San	d Creek Barrier	⁻ System
Environmental Conditions:					
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Rain			
Temperature:		56° F			
Wind (Still, Moderate, High):		Still			
Humidity (Dry, Moderate, Humid):		Humid			
		1			

Field Activities:

Description of debris inspection & removal activities: Removed leaves, twigs, sticks, mud and organic material from upper and lower barriers. No MEC/MD found.

Barrier Integrity: Barrier is intact. Both screens are bowed but still functional. Barrier integrity has not been compromised.

Assessment of any changes since previous visit: None.

Repairs made or need to be made: The heavy accumulation of silt along the barriers needs removed to prevent damage.



Remarks:

Visitors: Jim McGee (Vista)

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	x	Yes	
If "yes", refer attached summary of incident or	OSHA	report.		

Quality Control				
Inspections Pe	erformed	Non-Conformances	Corrective Action (CA)	Follow-up on CA
Major Problems an	d Resolution:	None		
Schedule for Next I	Month: Follo	ow on inspection o	f barrier.	
SUXOS	Mel Lau	Proje	ct Manager B	rian Stockwell
Safety Officer	Lew Kovarik			



PHOTO LOG





OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.





PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM SCREENS.



PICTURE SHOWING DEBRIS REMOVED FROM SCREEN.





PICTURE SHOWING OVERVIEW OF BARRIERS UPON DEPARTURE.



Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 10/14/10 Instructor	Time	Time: 1000 Log No.: 13				
Site Name & Location: Ravenna	Army Ammunition Plant,	Ravenna, OH				
Contract No.: 09-46-169	Task	Task Order Number:				
Site Supervisor or SUXOS: Mel	Lau SSH	SSHO: Lew Kovarik				
Training Provided: 🛛 Initial Site I		ty Briefing ard-specific Training		DARRIER OPS		
	I. TRAINING TOPIC	S COVERED	-			
X Planned Site Activities	Chemical Hazards	1	Respirator	Jse		
X Physical Safety Hazards	Routes of Chemica	Exposure	Decontamir	nation Procedures		
🔀 Biological Hazards	Chemical Exposure	Symptoms X	Emergency	Procedures		
K Heat or Cold Stress	X Level of PPE	X	First Aid Pro	ocedures		
🔀 Site Controls	Types of PPE	X	Buddy Tear	n Procedures		
	II. TRAINING COURS		0			
Name (printed)	Signature		PIKA	nization		
S. BOUNER B FREEMAN	Bure Summer		PIKA			
	and good					
	1					
I certify that the personnel li	III. TRAINING VER		training desc	ibed above.		
der h		Mul	K/a			
Site Safety and Health Offi	cer	Sr. UXC	Supervisor or S	Site Supervisor		



Visitor Sign-In Log



Visitors Sign-In Log

PROJECT LOCATION: ____ RVAAP, OHIO

PROJECT SITE: O&M Sand Creek Barrier System PROJECT No: 09-46-169

Name	Representing	Equipment and	Time IN Out	
J. D. MuGee	VISTA	0	9:51	10:15
				-
				-
				-
				-
			_	
	Name		PPE Level	PPE Level IN

Comments:__

Section B

Quarterly Evaluation and Effectiveness Reports



QUARTERLY EFFECTIVENESS EVALUATION REPORT (#3)

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

JULY 28, 2010



Quarterly Effectiveness Evaluation Report 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 03		
Date of QEE Site Visit:	7-28-10					
Time Period Covered	From:	4-24-09				
by QEE Report:	To:	7-28-10				
Dates of O&M Trip During Period Covered by QEE Report:		4-29-10				
		5-24-10				
Covered by QEE Report		6-30)-10			

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 leaves-covered screens. No broken or cracked barrier structure components were observed. See photos.

Other changes observed: A build up of soil on the north side of Sand Creek on the up stream side of the west screen is causing the stream water to flow toward the east at that point, (See Photos). Jim McGee will discuss this issue with Mark Patterson and Derek Kinder to determine if corrective action is required.

Maintenance performed: Removed all materials from screens.

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.

Personnel Present During QEE Site Visit:

James D. McGee.....Vista Sciences Corp. (Project Mgr.) Lew Koarvik......Pika UXO Tech Mek Lau.....Pika UXO Tech Bruce Freeman.....Pika UXO Tech Bill Fitzpatrick......Pika UXO Tech



QUARTERLY EFFECTIVENESS EVALUATION JULY 24, 2010 PHOTOGRAPHIC LOG









