

CY 2011

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.	4
PIKA JOB #:	11-46-163		Date:	12/19/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Overcast		
Temperature:		39° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, 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 intact. Both barriers have a slight bend. Barrier integrity has not been compromised. Assessment of any changes since previous visit: Silt is starting to accumulated on both barriers. 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 ☒ Yes ☐.

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 Safety Officer	Lew Kovarik Gene Morales	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURE SHOWING SILT BEGINNING TO ACCUMULATE DOWNSTREAM BARRIER (LEFT SIDE).



PICTURE SHOWING SILT BEGINNING TO ACCUMULATE UPSTREAM BARRIER (RIGHT SIDE).



PICTURE SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

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Visitor Sign-In Log

Visitors Sign-In Log

QUARTERLY EFFECTIVENESS EVALUATION REPORT (#4)

(O & M TRIP's #12, #13, & #14)

SEPT. 27, 2011

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:	9-14-11		
Time Period Covered by QEE Report:	From: 7-27-11		
	To: 9-14-11		
Dates of O&M Trip During Period Covered by QEE Report:		7-27-11	
		8-30-11	
		9-14-11	
<p><u>Summary of O&M Activities Performed During QEE Report Period:</u></p> <p>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.</p> <p>Barrier integrity: Barrier screens are bowed due to water pressure on leaves-covered screens. The south end of the western most barrier was found to be broken loose from its anchoring position during the 9-14-11 inspection. See photos.</p> <p>Maintenance performed: On 9-15-11 Vista employees completed all required repairs by re-anchoring the above unsecured section of barrier to the south bank of Sand Creek.</p>			
<p><u>Barrier System Effectiveness Evaluation:</u></p> <p>Barrier System condition:</p> <p>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.</p> <p>The deflection in the screen panels does not limit the effective performance of the barrier system.</p> <p><u>Personnel Present During QEE Site Visit:</u></p> <p>James D. McGee.....Vista Sciences Corp. (Project Mgr.)</p> <p>Lew Kovarik.....Pika UXO Tech</p> <p>Mel Lau.....Pika UXO Tech</p>			

Quarterly Effectiveness Evaluation

Sep. 27, 2011

Photographic Log



PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIER



PICTURES SHOWING EROSION OF STREAM BANK NEAR SOUTH END OF BARRIER

Trip Report

Prime Contract No:			Report No.	2
PIKA JOB #:	09-46-169		Date:	10/25/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Partly Cloudy		
Temperature:		48° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, 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: 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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Jim Bouvier	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIER



PICTURE SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log

[illegible]

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	14
PIKA JOB #:	09-46-169		Date:	9/14/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Sunny		
Temperature:		66° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Dry		
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Removed sticks, mud, and leaves from barriers. No MEC/MD encountered</p> <p>Barrier Integrity: The Upper Barrier integrity has been compromised as the stream bank around south end of barrier has eroded (see photos). The lower barrier is upright and intact.</p> <p>Assessment of any changes since previous visit: Barrier is in need of repair due to erosion of Stream bank. Large amounts of silt have accumulated and should be removed.</p> <p>Repairs made or need to be made: Remove accumulated silt and repair barrier where it is separated from the stream bank.</p>				

Remarks:

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Paul Duncan	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING EROSION OF STREAM BANK NEAR SOUTH END OF BARRIER



PICTURES SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIER



PICTURES SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log

Visitor Sign-In Log

Comments: _____

Trip Report

Prime Contract No:			Report No.	13
PIKA JOB #:	09-46-169		Date:	8/30/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Sunny		
Temperature:		70° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, 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: None				
Remarks: Visitors: Jim McGee (Vista) Eileen Mohr (Ohio EPA)				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Lew Kovarik	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIER



PICTURES SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

QUARTERLY EFFECTIVENESS EVALUATION REPORT (#3)

**O & M TRIP's #8, #9, #10
(HIGH FLOW INSPECTION) & #11**

AUG. 3, 2011

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-09-C-0084	QEE Report No:	Vista 03
Date of QEE Site Visit:	6-21-11		
Time Period Covered by QEE Report:	From 4-26-11		
	To: 6-21-11		
Dates of O&M Trip During Period Covered by QEE Report:		4-26-11 #8	
		5-24-11 #9 6-2-11 #10 (High Flow Inspection)	
		6-21-11 #11	

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. Tree Branches found between Barriers during March inspection.

During the 6-2-11 High Water Flow Inspection several trees and deposits of sand stone were found. This had damaged the barriers. The trees and sand stone were removed and the barriers were repaired to their original condition. (See attached photos.)

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.)

Maintenance performed: Removed all materials from screens. Repaired barriers in June, 2011.

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 SUXO
Lew Kovarik..... Pika UXO

Quarterly Effectiveness Evaluation Photographic Log Aug. 3, 2011



PICTURES SHOWING DAMAGE TO BARRIERS.



PICTURES SHOWING BARRIERS UPON DEPARTURE.

Trip Report

Prime Contract No:			Report No.	12
PIKA JOB #:	09-46-169		Date:	7/27/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Bright Sun		
Temperature:		68° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Moderate		
Field Activities: Description of debris inspection & removal activities: Removed sticks, mud, leaves and rocks from barriers. No MEC/MD encountered Barrier Integrity: Barriers are upright and intact. Assessment of any changes since previous visit: The area looks extremely good. Very little debris was on the barriers. 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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Lew Kovarik	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIER



PICTURES SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log

Visitor Sign-In Log

Trip Report

Prime Contract No:			Report No.	12
PIKA JOB #:	09-46-169		Date:	7/27/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Bright Sun		
Temperature:		68° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Moderate		
Field Activities: Description of debris inspection & removal activities: Removed sticks, mud, leaves and rocks from barriers. No MEC/MD encountered Barrier Integrity: Barriers are upright and intact. Assessment of any changes since previous visit: The area looks extremely good. Very little debris was on the barriers. 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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Lew Kovarik	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIER



PICTURES SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	11
PIKA JOB #:	09-46-169		Date:	6/21/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Sunny		
Temperature:		72° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Dry		
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Provided ordnance avoidance and construction support during repairs by Frank's Maintenance. No ordnance items were located.</p> <p>Barrier Integrity: Trees have fallen onto the barriers and rocks piled up against the lower barrier warranting repairs. Another large rain event could compromise several panels. Barrier is in serious need of repair.</p> <p>Assessment of any changes since previous visit: None</p> <p>Repairs made or need to be made: Franks Maintenance on site to perform repairs. Trees removed. Rocks, mud, and silt removed from the second screen. Replaced damaged panels.</p>				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Lew Kovarik	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING FRANK MAINTENANCE DOING REPAIR WORK AT SAND CREEK BARRIERS



PICTURES SHOWING BARRIERS AFTER REPAIRS

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	11
PIKA JOB #:	09-46-169		Date:	6/21/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Sunny		
Temperature:		72° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Dry		
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Provided ordnance avoidance and construction support during repairs by Frank's Maintenance. No ordnance items were located.</p> <p>Barrier Integrity: Trees have fallen onto the barriers and rocks piled up against the lower barrier warranting repairs. Another large rain event could compromise several panels. Barrier is in serious need of repair.</p> <p>Assessment of any changes since previous visit: None</p> <p>Repairs made or need to be made: Franks Maintenance on site to perform repairs. Trees removed. Rocks, mud, and silt removed from the second screen. Replaced damaged panels.</p>				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Lew Kovarik	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING FRANK MAINTENANCE DOING REPAIR WORK AT SAND CREEK BARRIERS



PICTURES SHOWING BARRIERS AFTER REPAIRS

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	10
PIKA JOB #:	09-46-169		Date:	6/02/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Sunny		
Temperature:		68° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Dry		
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Conducted visual inspection of barriers and around fallen trees. No ordnance items were located. Removed rocks, sticks, mud, etc. from barriers.</p> <p>Barrier Integrity: Trees have fallen onto the barriers and rocks have started to pile up against the lower barrier. Another large rain event could compromise several panels. Barrier is in serious need of repair.</p> <p>Assessment of any changes since previous visit: Trees have fallen on screen panels. Rocks, silt, and mud have given way from the left side bank and now covers approximately one-third of barriers middle. It continues to cover almost all of the second screen one-third of the way across.</p> <p>Repairs made or need to be made: Trees need removed. Rocks, mud, and silt need to be removed from the stream and from the second screen. Replace 4 to 5 panels depending on the damage caused after debris is removed.</p>				

Remarks:

Visitors: Eric Cheng (USACE)
Eileen Mohr (OEPA)

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 ☒ Yes ☐.

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	Mel Lau	Project Manager	Brian Stockwell
Safety Officer	Lew Kovarik		

PHOTO LOG



PICTURES OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING DAMAGE TO BARRIERS



PICTURES SHOWING UXO PERSONNEL CLEANING DEBRIS FROM BARRIERS



PICTURE OF SAND CREEK BARRIER UPON DEPARTURE

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	9
PIKA JOB #:	09-46-169		Date:	5/24/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):	Overcast			
Temperature:	71° F			
Wind (Still, Moderate, High):	Moderate			
Humidity (Dry, Moderate, Humid):	Humid			
Field Activities:				
Description of debris inspection & removal activities: Removed vegetative debris from upper and lower barriers.				
Barrier Integrity: Barriers are slightly bent but still intact and 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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Paul Duncan	Project Manager	Brian Stockwell

PHOTO LOG



PICTURES OF SAND CREEK BARRIERS UPON ARRIVAL.




PICTURES SHOWING UXO TECHNICIANS REMOVING DEBRIS FROM BARRIERS.




OVERVIEW OF BARRIERS UPON DEPARTURE.

Safety Training Attendance Log

I certify that the personnel listed on this roster have received the safety and health training described above.


 Site Safety and Health Officer


 Sr. UXO Supervisor or Site Supervisor

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	8
PIKA JOB #:	09-46-169		Date:	4/26/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):	Sun, Partial Cloud			
Temperature:	62° F			
Wind (Still, Moderate, High):	Moderate			
Humidity (Dry, Moderate, Humid):	Moderate			
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Removed vegetative debris from upper and lower barriers. Removed log from on top of upstream barrier. No MEC/MD found.</p> <p>Barrier Integrity: Water level very high and overflowing the barriers due to recent heavy rains. However barriers are intact and integrity has not been compromised.</p> <p>Assessment of any changes since previous visit: None</p> <p>Repairs made or need to be made: South end of both barriers should be dredged to remove accumulated sediment.</p>				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Paul Duncan	Project Manager	Brian Stockwell

PHOTO LOG



PICTURES OF SAND CREEK BARRIERS UPON ARRIVAL. CREEK OVERFLOWING BARRIERS DUE TO HIGH WATER.



PICTURE SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIERS.





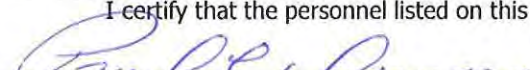
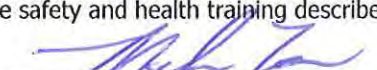


OVERVIEW OF BARRIERS UPON DEPARTURE. CREEK OVERFLOWING BARRIERS DUE TO HIGH WATER FROM RECENT HEAVY RAINS.

Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 04/26/11	Instructor(s): Paul Duncan	Time: 0900	Log No.: 8		
Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH					
Contract No.: 09-46-169		Task Order Number:			
Site Supervisor or SUXOS: Mel Lau		SSHO: Paul Duncan			
Training Provided: <input checked="" type="checkbox"/> Initial Site Hazard Training <input checked="" type="checkbox"/> Daily Safety Briefing <input checked="" type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> Weekly Safety Training <input checked="" type="checkbox"/> Task/Hazard-specific Training					
I. TRAINING TOPICS COVERED					
<input checked="" type="checkbox"/>	Planned Site Activities		Chemical Hazards		Respirator Use
<input checked="" type="checkbox"/>	Physical Safety Hazards		Routes of Chemical Exposure		Decontamination Procedures
<input checked="" type="checkbox"/>	Biological Hazards		Chemical Exposure Symptoms	<input checked="" type="checkbox"/>	Emergency Procedures
<input checked="" type="checkbox"/>	Heat or Cold Stress	<input checked="" type="checkbox"/>	Level of PPE	<input checked="" type="checkbox"/>	First Aid Procedures
<input checked="" type="checkbox"/>	Site Controls	<input checked="" type="checkbox"/>	Types of PPE	<input checked="" type="checkbox"/>	Buddy Team Procedures
Other Topics: _____					
II. TRAINING COURSE ATTENDEES					
Name (printed)		Signature		Organization	
Mel Lau				PIA	
PAUL DUNCAN				PIKA	
ERIC KILDER				Acrotace	
ANDREW DOMBROWSKI				ACROTER	
III. TRAINING VERIFICATION					
I certify that the personnel listed on this roster have received the safety and health training described above.					
					
Site 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: 09-46-169

[illegible]

Comments: _____

Trip Report

Prime Contract No:			Report No.	7
PIKA JOB #:	09-46-169		Date:	3/23/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):	Cloudy/Rain			
Temperature:	43° F			
Wind (Still, Moderate, High):	Still			
Humidity (Dry, Moderate, Humid):	Humid			
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Removed sticks, leaves and debris from upper and lower barriers. No MEC/MD found.</p> <p>Barrier Integrity: Intact. Barrier integrity has not been compromised.</p> <p>Assessment of any changes since previous visit: None</p> <p>Repairs made or need to be made: South end of both barriers should be dredged to remove accumulated sediment.</p>				

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 ☒ Yes ☐.

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	Jim Bouvier	Project Manager	Brian Stockwell
Safety Officer	Lew Kovarik		

PHOTO LOG



PICTURES OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURING SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER.


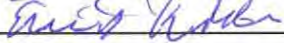
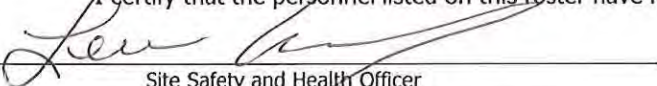
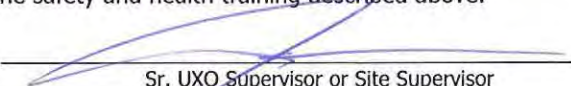


OVERVIEW OF BARRIERS UPON DEPARTURE.

Safety Training Attendance Log



PIKA SAFETY TRAINING ATTENDANCE LOG

Date: 03/23/11		Instructor(s): Lew Kovarik		Time: 0900		Log No.: 7	
Site Name & Location: Ravenna Army Ammunition Plant, Ravenna, OH							
Contract No.: 09-46-169				Task Order Number:			
Site Supervisor or SUXOS: Jim Bouvier				SSHO: Lew Kovarik			
Training Provided: <input checked="" type="checkbox"/> Initial Site Hazard Training <input type="checkbox"/> Daily Safety Briefing <input checked="" type="checkbox"/> Other: SAND CREEK BARRE INSPECTION <input type="checkbox"/> Weekly Safety Training <input checked="" type="checkbox"/> Task/Hazard-specific Training							
I. TRAINING TOPICS COVERED							
<input checked="" type="checkbox"/>	Planned Site Activities		Chemical Hazards		Respirator Use		
<input checked="" type="checkbox"/>	Physical Safety Hazards		Routes of Chemical Exposure	<input checked="" type="checkbox"/>	Decontamination Procedures		
<input checked="" type="checkbox"/>	Biological Hazards		Chemical Exposure Symptoms	<input checked="" type="checkbox"/>	Emergency Procedures		
<input checked="" type="checkbox"/>	Heat or Cold Stress	<input checked="" type="checkbox"/>	Level of PPE	<input checked="" type="checkbox"/>	First Aid Procedures		
	Site Controls	<input checked="" type="checkbox"/>	Types of PPE	<input checked="" type="checkbox"/>	Buddy Team Procedures		
Other Topics:							
II. TRAINING COURSE ATTENDEES							
Name (printed)		Signature		Organization			
JAMES BOUVIER				PIKA			
ERIC KIDDER				PIKA			
JAMES MCGEE				VISTA			
III. TRAINING VERIFICATION							
I certify that the personnel listed on this roster have received the safety and health training described above.							
							
Site Safety and Health Officer				Sr. UXO Supervisor or Site Supervisor			

Visitor Sign-In Log

Visitors Sign-In Log

QUARTERLY EFFECTIVENESS EVALUATION REPORT (#2)

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

MARCH 23, 2011

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:	3-28-11		
Time Period Covered by QEE Report:	From: 1-20-11		
	To: 3-23-11		
Dates of O&M Trip During Period Covered by QEE Report:	1-20-11		
	2-17-11		
	3-23-11		

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. Tree Branches found between Barriers during March 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)

Soil deposits on the south side of Sand Creek on the upstream side and between the barriers are not enough to remove at this time. Will schedule soil removal for Summer of 2011.

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 SUXO

Cameron Wenzel Pika UXO Tech

**Quarterly Effectiveness Evaluation
Photographic Log
March 23, 2011**



CLOSEUP OF UPSTREAM BARRIER FOLLOWING CLEANUP.



PICTURE SHOWING EXTENT OF BEND IN DOWNSTREAM BARRIER TO DATE.

Trip Report

Prime Contract No:			Report No.	6 – Inspection due to high water event.
PIKA JOB #:	09-46-169		Date:	3/09/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Rain		
Temperature:		45° F		
Wind (Still, Moderate, High):		Moderate		
Humidity (Dry, Moderate, Humid):		Rain/Humid		
Field Activities:				
Description of debris inspection & removal activities: Removed sticks, leaves and debris from upper and lower barriers. No MEC/MD found.				
Barrier Integrity: Intact. Barrier is bending under pressure of accumulated sediment and high water. Barrier integrity has not been compromised.				
Assessment of any changes since previous visit: None				
Repairs made or need to be made: South end of both barriers should be dredged to remove accumulated sediment.				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Cameron Wenzel	Project Manager	Brian Stockwell

PHOTO LOG



OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURING SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER.



OVERVIEW OF BARRIERS UPON DEPARTURE.

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	6 – Inspection due to high water event.
PIKA JOB #:	09-46-169		Date:	3/09/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Rain		
Temperature:		45° F		
Wind (Still, Moderate, High):		Moderate		
Humidity (Dry, Moderate, Humid):		Rain/Humid		
Field Activities:				
Description of debris inspection & removal activities: Removed sticks, leaves and debris from upper and lower barriers. No MEC/MD found.				
Barrier Integrity: Intact. Barrier is bending under pressure of accumulated sediment and high water. Barrier integrity has not been compromised.				
Assessment of any changes since previous visit: None				
Repairs made or need to be made: South end of both barriers should be dredged to remove accumulated sediment.				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Cameron Wenzel	Project Manager	Brian Stockwell

PHOTO LOG



OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURING SHOWING UXO TECHNICIAN REMOVING DEBRIS FROM BARRIER.



OVERVIEW OF BARRIERS UPON DEPARTURE.

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	5
PIKA JOB #:	09-46-169		Date:	2/17/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Overcast		
Temperature:		51° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Moderate		
Field Activities:				
Description of debris inspection & removal activities: Barriers are currently underwater from recent snow and ice melt. Barriers were cleared of ice and debris as much as practical. No MEC/MD found.				
Barrier Integrity: Intact and upright. Some bending of grates due to ice buildup and heavy water flow.				
Assessment of any changes since previous visit: Barriers underwater as described above.				
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 ☒ Yes ☐.

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

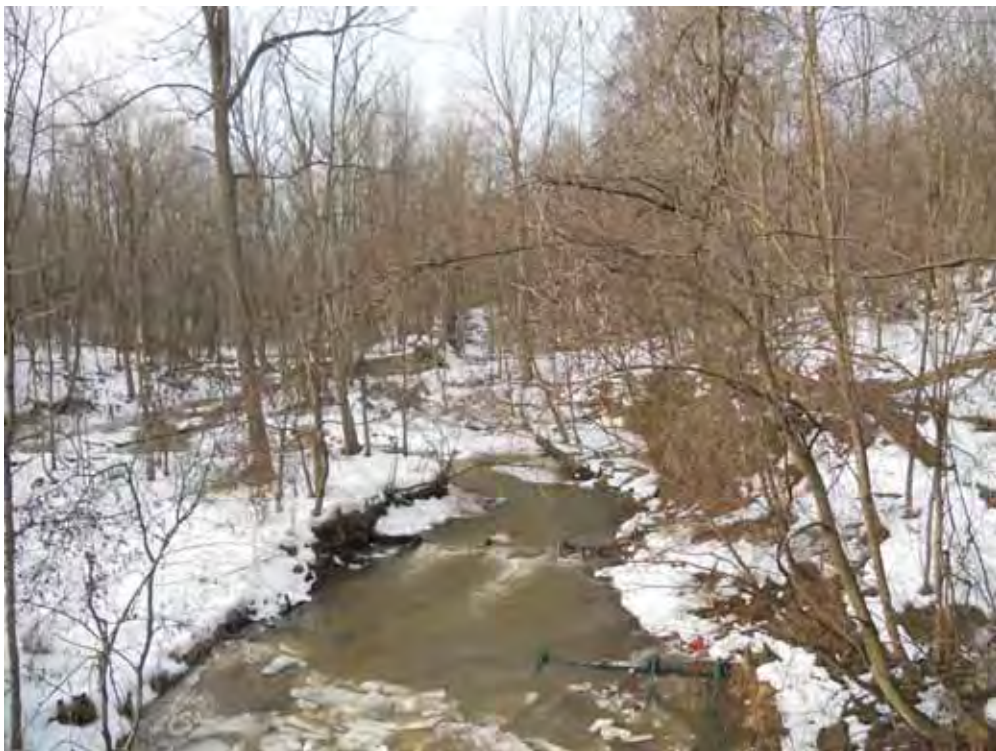
Quality Control

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 Safety Officer	Mel Lau Cameron Wenzel	Project Manager	Brian Stockwell

PHOTO LOG



OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.



OVERVIEW OF BARRIERS UPON DEPARTURE.

Safety Training Attendance Log

[illegible]

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	4
PIKA JOB #:	09-46-169		Date:	1/20/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):	Cloudy			
Temperature:	21° F			
Wind (Still, Moderate, High):	Still			
Humidity (Dry, Moderate, Humid):	Dry			
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Removed snow, ice, logs, sticks, mud, leaves etc. from barriers. Removed large log from on top of upstream barrier. Heavy ice formation on both barriers. Removed as much debris and ice as possible. No MEC/MD found.</p> <p>Barrier Integrity: Barrier is upright and intact.</p> <p>Assessment of any changes since previous visit: Creek frozen 3" to 4" thickness.</p> <p>Repairs made or need to be made: None</p>				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Lew Kovarik	Project Manager	Brian Stockwell

PHOTO LOG



OVERVIEW OF SAND CREEK BARRIERS UPON ARRIVAL.



LOG LODGED IN UPSTREAM BARRIER



LOG REMOVED FROM UPSTREAM BARRIER



REMOVING ACCUMULATED DEBRIS, ICE AND SNOW FROM BARRIER.



OVERVIEW OF BARRIERS UPON DEPARTURE.

Safety Training Attendance Log

Visitors Sign-In Log

Visitor Sign-In Log

QUARTERLY EFFECTIVENESS EVALUATION REPORT (#1)

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

JANUARY 10, 2011

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	QEE Report No:	Vista 01
Date of QEE Site Visit:	12-16-10		
Time Period Covered by QEE Report:	From:	10-14-10	
	To:	12-16-10	
Dates of O&M Trip During Period Covered by QEE Report:		10-14-10	
		11-23-10	
		12-16-10	

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.

Soil deposits on the south side of Sand Creek on the up stream side of the western most barriers were removed on 11-23-10. The soil sediment was removed by hand using shovels. The removal of this sediment allowed the creek water to flow in its natural and original state.

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.

Personnel Present During QEE Site Visit:

James D. McGee....Vista Sciences Corp. (Project Mgr.)
James Bouvier..... Pika UXO Tech
Cameron Wenzel Pika UXO Tech

**QUARTERLY EFFECTIVENESS EVALUATION
JANUARY 10, 2011
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.	1 – High water event
PIKA JOB #:	09-46-169		Date:	9/28/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Partly Cloudy		
Temperature:		70° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, Humid):		Dry		
<p>Field Activities:</p> <p>Description of debris inspection & removal activities: Removed sticks, mud, and leaves from barriers. No MEC/MD encountered</p> <p>Barrier Integrity: Barriers are upright and intact.</p> <p>Assessment of any changes since previous visit: Repairs made during last visit are intact.</p> <p>Repairs made or need to be made: None</p>				
<p>Remarks:</p>				

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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Paul Duncan	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURES SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIERS



PICTURES SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log

Visitor Sign-In Log

Visitors Sign-In Log

Trip Report

Prime Contract No:			Report No.	3
PIKA JOB #:	11-46-163		Date:	11/3/11
Project:	Operation and Maintenance of the Sand Creek Barrier System			
Environmental Conditions:				
Weather Conditions (Bright Sun, Clear, Overcast, Rain, Snow):		Overcast		
Temperature:		47° F		
Wind (Still, Moderate, High):		Still		
Humidity (Dry, Moderate, 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: 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 ☒ Yes ☐.

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 Safety Officer	Mel Lau Jim Bouvier	Project Manager	Brian Stockwell

PHOTO LOG



PICTURE OF SAND CREEK BARRIERS UPON ARRIVAL.



PICTURE SHOWING UXO TECHNICIAN REMOVING ACCUMULATED DEBRIS FROM BARRIERS



PICTURE SHOWING BARRIERS UPON DEPARTURE

Safety Training Attendance Log

Visitor Sign-In Log

Comments: _____