

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
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PHOTOGRAPHIC LOG**



CLOSEUP OF UPSTREAM BARRIER FOLLOWING CLEANUP.



PICTURE SHOWING EXTENT OF BEND IN DOWNSTREAM BARRIER TO DATE