

# **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

<b>Project No:</b>	W912QR-09-C-0084	<b>QEE Report No:</b>	Vista 04
<b>Date of QEE Site Visit:</b>	9-14-11		
<b>Time Period Covered by QEE Report:</b>	<b>From: 7-27-11</b>		
	<b>To: 9-14-11</b>		
<b>Dates of O&amp;M Trip During Period Covered by QEE Report:</b>		7-27-11	
		8-30-11	
		9-14-11	
<b><u>Summary of O&amp;M Activities Performed During QEE Report Period:</u></b>			
<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>			
<b><u>Barrier System Effectiveness Evaluation:</u></b>			
<b>Barrier System condition:</b>			
<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>			
<b><u>Personnel Present During QEE Site Visit:</u></b>			
James D. McGee.....Vista Sciences Corp. (Project Mgr.)			
Lew Kovarik.....Pika UXO Tech			
Mel Lau.....Pika UXO Tech			

**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