

# **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

<b>Project No:</b>	W912QR-09-C-0084	<b>QEE Report No:</b>	Vista 03
<b>Date of QEE Site Visit:</b>	7-28-10		
<b>Time Period Covered by QEE Report:</b>	<b>From:</b>	4-24-09	
	<b>To:</b>	7-28-10	
<b>Dates of O&amp;M Trip During Period Covered by QEE Report:</b>		4-29-10	
		5-24-10	
		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**



