

# **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

<b>Project No:</b>	W912QR-09-C-0084	<b>QEE Report No:</b>	Vista 01
<b>Date of QEE Site Visit:</b>	1-28-10		
<b>Time Period Covered by QEE Report:</b>	<b>From: Oct. 09</b>	11-24-09	
	<b>To: Jan. 10</b>	1-28-10	
<b>Dates of O&amp;M Trip During Period Covered by QEE Report:</b>		11-24-09	
		12-21-09	
		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.