QUARTERLY EFFECTIVENESS EVALUATION REPORT (#4)

(O & M TRIP's #10, #11, & #12)

SEPTEMBER 15, 2010

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:	9-15-10		

Time Period Covered by QEE Report:	From:	7-28-10
	To:	9-15-10

Dates of O&M Trip During Period Covered by QEE Report:	7-28-10
	8-25-10
	9-15-10

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. Removal of soil deposited in front of screens is scheduled for Oct. 2010.

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.)
Mek Lau……………Pika UXO Tech
Bruce Freeman……...Pika UXO Tech

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PHOTOGRAPHIC LOG

09/15/2010