## LANDFILL VISUAL INSPECTION

Site Name: CAM-3 Shepherd Bay

Landfill:USAF LandfillDate Inspected:August 4, 2008Inspected By:Anwar Majid, P.Eng.

Signature:



Checklist Item	Present Yes/No	Location	Length (m)	Width (m)	Depth (m)	Extent	Description	Photographic Records (Pictures Provided on Data CD	Severity Rating	Additional Comments
Settlement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Erosion	Yes	See Figure CAM-3.7	11	0.15-0.2	N/A	Isolated	Surface runoff erosion channel	Pictures 47-49 and 50-51 on CD	Acceptable	Surface runoff has eroded a small channel down slope of the landfill. Erosion appears to have occurred during spring due to some fines migration from the erosion resistant Type 2 material as the slope natural stabilizes. Minor erosion was also observed in the vicinity of erosion channel.
Frost Action	Yes	See Figure CAM-3.7	N/A	N/A	N/A	Occasional	Tension cracks	Pictures 52-58 on CD	Acceptable	Tension cracks approximately 2-5 mm wide were observed at irregular intervals on the lower half of the south facing slope.
Animal Burrows	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Vegetation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Staining	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Vegetation Stress	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Seepage Points	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Debris Exposed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Presence/ Condition of Monitoring Instruments	Yes	See Figure Cam-3.7; VT-1 to VT-4 and MW-12 to MW-15	N/A	N/A	N/A	N/A	N/A	Pictures 59-62 of thermistor cables and Pictures 63-66 of monitoring wells	Acceptable	All thermistor cables and data loggers were in good condition except data logger VT-4 which had hardware problems. This data logger was shipped back for repair/replacement. Data was downloaded from all data loggers but VT-4. The protective casings for all instruments were also in good condition.
Other Features of Note.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
Overall Landfill Performance:	Acceptable									