## LANDFILL VISUAL INSPECTION

Site Name: CAM-3 Shepherd Bay

Landfill:Station LandfillDate Inspected:August 6, 2008

Inspected 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-3.4	~ 20	N/A	N/A	Isolated	Erosion in the side ditch	Picture 18 on CD		Erosion on the sideslope of the side ditch was noted. Erosion is likely due to migration of fines due to surface runoff. There is potential for additional erosion to occur as a result of surface runoff.
		(Lobe B)	N/A	N/A	N/A	Occasional	Erosion on landfill surface south sideslope	Pictures 11-14 on CD	Acceptable	Minor erosion on landfill surface due to channelling of surface runoff. Cobbles and boulders are present on the landfill surface and provide natural armouring.
		See Figure CAM-3.4 (Lobe C)	N/A	N/A	N/A	Occasional	Erosion on sideslopes	Pictures 20-23 and 27		Minor erosion was noted on the sideslopes. The erosion was due to migration of fines from the erosion resistant Type 2 material after landfill construction. The slopes will likely naturally stabilize.
Frost Action	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not observed	N/A
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 (Lobe A)	Yes	See Figure CAM-3.4	2	1	N/A	Isolated	Staining at the slope toe	Pictures 2 and 3 on CD	Acceptable	Minor rusting/metal oxidation at the toe of slope
			0.5	0.3	N/A	Isolated	Staining at the slope toe	Picture 4 on CD	Acceptable	Minor rusting/metal oxidation at the toe of slope
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	Yes	See Figure CAM-3.4 (Lobe B)	N/A	N/A	N/A	Isolated	Wooden debris	Picture 19 on CD	Acceptable	Wooden debris (a wood piece) was observed on the sideslope. The debris was partially exposed and appears to have been mixed in with the borrow material.
Presence/ Condition of Monitoring Instruments	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other Features of Note.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Overall Landfill Performance:	Acceptal	ole			1	_1	1	I	1	1