

DCC Summary of Comments – Collection of Landfill Monitoring Data Year 2005, FOX-4 Cape Hooper - Draft Report # 2

SECTION	PAGE/Paragraph	OBSERVATIONS AND/OR COMMENTS
<b>General Comments</b>		
The number of photos per landfill is not acceptable. There should be 1 photo per feature, 1 photo per monitoring well, 1 photo per soil sampling location, 1 photo per thermistor etc. as per TOR 6.8.5.		
Hard copies of photographic records for each landfill shall be included as “thumbnails” – TOR 8.4.4.5		
<b>Thermistor:</b> - As discussed with Nunata in the preseason meeting, instant reading will be taken from each Thermistor that has no Data logger. 2005 draft report provided data only from T-5 and T-6. Explanation is required. Batteries condition, Thermistors condition and photos for each Thermistor not provided in the draft report.		
<b>Visual inspection checklist:</b> - As per TOR Section 6.8.1.5 and 8.4.2, a visual inspection checklist (Annex B of TOR) has to be completed and all data to be listed as prescribed in the TOR. Nunata submitted incomplete visual inspection checklists for each landfill except the Helipad landfill (Helipad landfill checklist missing). Revised checklists are requested. Each feature listed in the visual inspection checklists has to be accompanied with at least one photo; the feature symbol has to clearly identify the difference between the features.		
<b>Drawings:</b> - in congruence with the <b>visual inspection checklist each feature has to be indicated on the drawing and presented by a symbol; moreover giving each feature a name e.g. feature A, B, C etc will make the drawings easier to read.</b>		
Using some statement as “No or few, very few” is not recommended if such description is not supported with photos and location on the drawings and reference to the nearest fixed object.		
Nunata indicated that obtaining deep soil samples were impossible; you are requested to prescribe the level of effort and tools you used in your attempt to collect soil samples from 40 cm under the ground level. Also you are requested to submit your strategy for the coming three years. Collecting deep soil samples is one of the major elements of the landfill monitoring elements.		
<b>Specific Comments</b>		
<b>Helipad Landfills – East and West</b>	3.1 Summary & 3.2 Visual Inspection Report	Please change all figure references to Figure FOX-1.
	Visual Inspection Checklist	Missing visual inspection checklist for Helipad landfills.
	Figure FOX-1	2005 observations are still difficult to see – please use colour and identify symbols clearly.
	3.5 Photographic Records	The photo log has 15 pictures (1 to 15). The CD-ROM contains 8 photos for the Helipad Landfills (1 to 8). The photos on the CD do not match up to the photos in the log.
<b>Barrel Dump</b>	4.1 Summary & 4.2 Visual Inspection Report	Please change all figure references to Figure FOX-2.

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	Visual Inspection Checklist	Please indicate location of erosion and exposed debris. Please add applicable photographic references to the checklist.
	4.3 Preliminary Stability Assessment	I question why any of the features are marginal – by definition I think that most of these are acceptable..."Noted features are of little consequence. The landfill is performing as designed. Minor deviations in environmental or physical performance may be observed, such as isolated areas of erosion, settlement." For your consideration. Same comment applies to all preliminary stability assessments.
	Figure FOX-2	2005 observations are still difficult to see – please use colour and identify symbols clearly.
	4.5 Photographic Records	The photo log has 6 pictures (1 to 6). The CD-ROM contains 3 photos (9 to 11). The photos on the CD do not match up to the photos in the log.
<b>Station Area Landfill</b>	5.1 Summary & 5.2 Visual Inspection Report	Please change all figure references to Figure FOX-3.
	34 – Frost Action	"Frost action is noted at the surface near well MW-7 and MW-9, the soil is partially frozen and the well covers are full <u>if</u> ice...should be <u>of</u>
	Figure FOX-3	2005 observations are still difficult to see – please use colour and identify symbols clearly.
	5.5 Photographic Records	5 photos in log (1 to 5), 5 photos on CD (12 to 16) – can't tell which is which.
<b>Lower Site Landfill and DCC Tier II Soil Disposal Area</b>	6.1 Summary & 6.2 Visual Inspection Report	Please change all figure references to Figure FOX-4.
	Figure FOX-4	2005 observations are still difficult to see – please use colour and identify symbols clearly.
	6.5 Photographic Records	13 photos in log (1 to 13), 15 photos on CD (17 to 31) – can't match them up.
	Figure F.1, F.2, F.3, F.4, F.5, F.6	Please indicate what the third solid line pertains to – top of Tier II soil.
<b>Airstrip Landfill</b>	7.1 Summary & 7.2 Visual Inspection Report	Please change all figure references to Figure FOX-5.
	Figure FOX-5	2005 observations are still difficult to see – please use colour and identify symbols clearly.
	7.5 Photographic Record	4 photos in log (1 to 4), 6 photos on CD (32 to 37) – can't match them up.

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<b>Tanner Bay Landfill</b>	8.1 Summary & 8.2 Visual Inspection Report	Please change all figure references to Figure FOX-6.
	Visual Inspection Checklist	Please show location of settlement and erosion on Figure FOX-6. Should have photos for all features.
	Figure FOX-6	2005 observations are still difficult to see – please use colour and identify symbols clearly.
	8.5 Photographic Records	3 photos in log (1 to 3), 3 photos on CD (38 to 40) – difficult to match up.