

Appendix B Adoption of Audits Reconciliation 2007

Aspect	It is recommended in the 2007 Audit Report that....	Recommended Implementation Timetable	Level of Compliance
Annual Reporting	1. The Groundwater Database Number for each monitoring bore is included in the tabulation of groundwater monitoring data in the annual monitoring report.	Prior to next round of monitoring and sampling	Implemented
Groundwater Bores	2. Bore MB1 is decommissioned in accordance with statutory requirements and replaced with a new nested bore screening the BGA and SBA.	Before the February 2008 sampling round	Implemented
	3. There is ongoing assessment and repair of protective covers and locking mechanisms for all monitoring bores as part of the routine monitoring activity.	Ongoing	Ongoing
Leachate sumps and Bores	4. The elevation of all leachate monitoring bores and leachate sumps should be surveyed every three years (2008, 2011 & 2014), until landfill settlement is negligible.	by December 2009	Works are ongoing to survey newly installed bores
	5. The surveyed elevations of groundwater surface and the measurement point at all groundwater and leachate monitoring bores and sumps, and the date of survey, are tabulated in the Annual Monitoring Report.	In the next annual monitoring report	Implemented

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Groundwater Monitoring	6. The depth to groundwater (Standing Water Level) below ground surface as well as to Top of Casing, is recorded and included in the data tabulation provided in the Annual Monitoring Report.	Prior to next round of monitoring and sampling	Implemented
Leachate Monitoring	7. Attempts to take measurements (manual or automatically) of leachate level at leachate monitoring points including LS03 and LS04 continue.	Ongoing	Implemented - attempts have been undertaken with limited success
Data Quality Review	8. The Assessor investigates and reports on data quality issues including the number of rinsate blank samples with results above LOR for the 2007 monitoring events, and replicate RPDs failing criteria.	Prior to next round of monitoring and sampling	Implemented
Leachate Management	<p>9. Leachate pumping times and volumes from each sump, as well as disposal to sewer volumes are recorded and included in the annual monitoring report provided to the Auditor.</p> <p>10. The leachate extraction program be accelerated by methods including:</p> <ul style="list-style-type: none"> a) High rate pumping of leachate from the western area of the Casey-Frankston Landfill to sumps LS1 & LS2 and/or b) High rate pumping of leachate from the Casey-Frankston Landfill to the Casey Landfill for temporary storage in the landfill cells. 	As soon as practicable in accordance with leachate management plan	Implemented –ongoing works to install numerous leachate monitoring bores. Further works will be required based on the outcome of the 2008 Audit Report

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Groundwater Quality Interpretation	11. Additional monitoring bores are installed at six locations in both the BGA & SBA aquifers, to assess the extent of contamination to the north-west, west and south-west of the former Casey-Frankston landfill, and to the west of the former Casey Landfill.	Before the February 2008 sampling round	Implemented
Leachate Quality	12. the annual monitoring report include time series plots of leachate TDS & EC. The trends in leachate TDS & EC need to be explained and discussed in future annual reports.	In the next annual monitoring report	Implemented