

Potential impact	Locations	Parameters	Frequency	Technique	Reporting	Responsibility	OEMP Sub-plan Reference
Noise – Initial 60 day reporting period	4 main locations adopted for a total of 5 monitoring sites: <ul style="list-style-type: none"> • Skelly Road • Maddox Lane • Neubeck Street • Wolgan Road. (Refer to Figure 5-1)	L_{Aeq} , L_{A10} , L_{A90} and L_{Amax}	4 separate days - 3 weekdays and a Sunday	Attended monitoring using hand held sound level meter Monitoring to be continuous throughout full day of operations for each 15 minute period, including 30 mins prior to and following normal operating hours (7am to 10pm). Nearest potentially affected receiver to be monitored at 07.00 and at least once between 20.30 – 22.30.	Report to be submitted to DECC within 1 week of monitoring	Specialist consultant on behalf of Delta Electricity	Section 6.5 Operational Noise and Vibration Management Plan – Appendix A
Noise - Normal conditions	Minimum of 3 most affected locations as per the 60 day post commissioning assessment. To include periods of ash placement at far western area of the site and where noise mitigation measures are in place. (as per COA 2.15) (Refer to Figure 5-1)	Noise levels shall not exceed an L_{Aeq} of 40dB(A) at the nearest most affected receiver	During daytime (7am-6pm) and evening time (6pm-10am) Every 6 months or more frequent if adverse trends are noted	Ongoing attended monitoring using hand held sound level meter.	6 monthly noise monitoring report If non-compliance, report is to be forwarded to DoP and DECC within 14-days of conducting monitoring	Specialist consultant on behalf of Delta Electricity	Section 6.5 Operational Noise and Vibration Management Plan – Appendix A
Noise - Emergency conditions	At the complainant's property or nearest available representative location.	Noise levels shall not exceed an L_{Aeq} of 40dB(A) at the nearest most affected receiver	As required	Attended monitoring using hand held sound level meter	6 monthly noise monitoring report	Specialist consultant on behalf of Delta Electricity	Section 6.5 Operational Noise and Vibration Management Plan – Appendix A
Dust impacts	5 existing dust monitoring locations as per Figure 6.5 2 additional dust monitoring locations as determined by specialist consultant and Delta Electricity (subject to landowner approval) (Refer to Figure 6.5)	Total dust deposition of 4 g/m ² /month (annual)	Monthly for first year to establish baseline and every 3 months thereafter	Dust deposition gauges	Quarterly air quality monitoring report	NATA approved specialists on behalf of Delta Electricity	Section 6.7

Potential impact	Locations	Parameters	Frequency	Technique	Reporting	Responsibility	OEMP Sub-plan Reference
Groundwater quality	3 bores upstream and 6 downstream of repository (Refer to Figure 6.4)	Analytical suite as per Appendix C, water depth and flow direction, and baseline data	Monthly for first year to establish baseline and every 3 months thereafter	Sample collection from the 9 monitoring locations as per procedures outlined in the Groundwater Quality Sub-plan	Quarterly groundwater monitoring report	NATA approved specialists on behalf of Delta Electricity	Section 6.6
		After 12 months of satisfactory results, inclusion of low detection limit analysis for trace metals and key salinity indicators	Every 3 months after the first 12 months	Sample collection from the 9 monitoring locations as per procedures outlined in the Groundwater Quality Sub-plan (Refer Section 6.6)	Quarterly groundwater monitoring report	NATA approved specialists on behalf of Delta Electricity	
Surface water quality	2 in Sawyers Swamp Creek, 1 in Dump Creek, and 1 in Sawyers Swamp Creek Ash Dam (Refer to Figure 6.3)	Analytical suite as per Appendix C, plus dissolved oxygen, turbidity, total phosphorus, nitrogen and baseline data.	Monthly for first year to establish baseline and every 3 months thereafter	Sample collection from the 4 monitoring locations as per procedures outlined in the Surface Water Management Sub-plan	Quarterly surface water monitoring report	NATA approved specialists on behalf of Delta Electricity	Section 6.5
			Following wet weather events, with a minimum of 2 events recorded within the first 12 months of operation	Sample collection from the 4 monitoring locations as per procedures outlined in the Surface Water Management Sub-plan	Quarterly surface water monitoring report	NATA approved specialists on behalf of Delta Electricity	Section 6.5