



KENDALL BAY SEDIMENT REMEDIATION PROJECT

JANUARY 2020 MONTHLY ENVIRONMENTAL REPORT WEBSITE SUMMARY



Works Update

Key January work activities included:

- Continued sediment access removal works into Southern Remediation Area (SA1)
- Offsite mobilisation of remediation barges
- Installed additional environmental controls including coffer dams and bubble gates

Environmental Update

There has been no record of any environmental incident or exceedance during the month of January. All background water quality monitoring sites have been installed. The Environment Protection Licence (EPL) remains in force.

SSD6701 Consent Conditions and EPL 21302 Compliance

In accordance with SSD6701 Consent Conditions B22 and B36 water and air quality monitoring must be conducted in line with the relevant approved management plans. Additionally, in accordance with EPL 21302 Conditions M7.1 to M8.1 and R4.3 to R4.8 water quality, air quality and noise monitoring must be conducted in compliance with the Licence conditions. A summary of the monitoring for January 2020 is provided below. This summary is provided to the EPA and Planning Secretary monthly.

Daily visual monitoring recorded on the "Remediation Works Environmental Checklist" confirmed potential odour generating works conducted in January did not generate elevated levels of odour or volatile organic compounds above compliance limits. Additionally, monitoring results from water quality buoys and laboratory samples confirmed mooring pile, sheet pile and sediment removal access works in Kendall Bay did not cause any elevated turbidity levels. Noise monitoring in Kendall Bay also confirmed all works were undertaken at noise levels below the projects noise management criteria. A summary of the EPL points is provided below.

EPL Point	Interpretation
1	Tennyson Road Background Monitor. Minor operational issues during Christmas shutdown period identified and rectified. No works occurred during Christmas shutdown period.
2	Kendall Bay Background Monitor. Typical background levels ranged between 6-20NTU with fluctuations over 60NTU as a result of tidal movements, ferry wash and periods of high winds.
3	Northern Compliance Monitor. Typical January levels ranged between 6-15NTU with significant spiking on the evening of the 31/1 during a period of high winds. No compliance triggers compared to background readings were detected in the period.
4	Southern Compliance Monitor. Typical January levels ranged between 6-15NTU with occasional single spikes throughout the trace up to 60NTU. No compliance triggers compared to background readings were detected in the period.
5	Tennyson Rd Water Quality Sampling. A rainfall event on the 16/1 was of sufficient intensity to generate stormwater runoff at Tennyson Road. Laboratory samples were collected, and the results were below the compliance limits of the EPL.
6	NA2/3 Water Quality Sampling. Field parameters and samples collected for laboratory analysis at the sampling point indicate minimal differences between the waters of Kendall Bay and upstream (Majors Bay) and down-stream (Exile Bay) sample locations.
7	SA1 Water Quality Sampling. Field parameters and samples collected for laboratory analysis at the sampling point indicate minimal differences between the waters of Kendall Bay and upstream (Majors Bay) and down-stream (Exile Bay) sample locations.
8	Monitoring of potential odour generating remediation works performed in Kendall Bay in January confirmed no odour issues were identified and works were compliant.



Project Progress



Zero Water quality exceedances



Zero Air quality exceedances

