



KENDALL BAY SEDIMENT REMEDIATION PROJECT

NOVEMBER 2019 MONTHLY ENVIRONMENTAL REPORT WEBSITE SUMMARY



Works Update

Key November work activities included:

- Completion of Tennyson Road mooring pile installations
- Installation of silt curtain mooring piles and anchors in Kendall Bay
- Commenced installation of sheet pile walls in the Northern remediation area

Environmental Update

There has been no record of any environmental incident or exceedance during the month of November. 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 November 2019 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 no potential odour generating works were performed at the staging site or within Kendall Bay throughout the month. Monitoring results from water quality buoys and laboratory samples confirmed mooring pile and sheet pile works in Kendall Bay did not cause any elevated turbidity levels. Noise monitoring in Kendall Bay confirmed all works were undertaken at noise levels below the projects noise management criteria. All works were compliant with EPA and Planning Secretary conditions. A summary of the EPL points is provided below.

EPL Point	Interpretation
1	Tennyson Road Background Monitor. Minor operational issues identified and rectified.
2	Kendall Bay Background Monitor. Typical background levels ranged between 8-15NTU with fluctuations over 60NTU as a result of tidal movements, minor rainfall events, ferry wash and a wind storm.
3	Northern Compliance Monitor. Typical November levels ranged between 10-20NTU with fluctuations up to 50NTU. No compliance triggers compared to background readings were detected in the period.
4	Southern Compliance Monitor. Typical November levels ranged between 10-20NTU with fluctuations up to 65NTU as a result of a wind storm. No compliance triggers compared to background readings were detected in the period.
5	Tennyson Rd Water Quality Sampling. No rain events occurred in November of sufficient volume to create runoff. Therefore, no samples were able to be collected.
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 up-stream (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 up-stream (Majors Bay) and down-stream (Exile Bay) sample locations.
8	No potential odour generating remediation works were performed in Kendall Bay in November and therefore no odour issues were identified.



Project Progress



Zero Water quality exceedances



Zero Air quality exceedances

