



# KENDALL BAY SEDIMENT REMEDIATION PROJECT

## DECEMBER 2019 MONTHLY ENVIRONMENTAL REPORT WEBSITE SUMMARY



### Works Update

Key December work activities included:

- Installation of silt curtains
- Installation of sheet piles in Northern Remediation Area (NA2/3)
- Commencement of sediment access removal works into Southern Remediation Area (SA1)

### Environmental Update

There has been no record of any environmental incident or exceedance during the month of December. 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 December 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 potential odour generating works conducted in December did not generate elevated levels of odour or volatile organic compounds above compliance limits. Additionally, monitoring results from water quality buoys 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.



Project Progress

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 7-15NTU with fluctuations over 60NTU as a result of tidal movements, ferry wash and periods of high winds.
3	Northern Compliance Monitor. Typical December levels ranged between 8-17NTU with fluctuations up to 59NTU. No compliance triggers compared to background readings were detected in the period.
4	Southern Compliance Monitor. Typical December levels ranged between 10-40NTU with a single spike early in the month not associated with any works. No compliance triggers compared to background readings were detected in the period.
5	Tennyson Rd Water Quality Sampling. No rain events occurred in December during working hours of sufficient volume to create runoff. Therefore, no samples were able to be collected.
6	NA2/3 Water Quality Sampling. No sampling was scheduled / required in December.
7	SA1 Water Quality Sampling. No sampling was scheduled / required in December.
8	Monitoring of potential odour generating remediation works performed in Kendall Bay in December confirmed no odour issues were identified and works were compliant.



Zero Water quality exceedances



Zero Air quality exceedances

