



# KENDALL BAY SEDIMENT REMEDIATION PROJECT

## AUGUST 2020 MONTHLY ENVIRONMENTAL REPORT WEBSITE SUMMARY



### Works Update

Key August work activities included:

- Demobilised rock groyne and rock dissipater construction equipment
- Continued Northern Area capping works
- Commenced Southern Area capping works
- Continued removal of Northern Area sheet piles and commenced removal of Southern Area sheet piles

### Environmental Update

There has been no record of any environmental incident or exceedance during the month of August. All background water quality monitoring sites have been installed and remain operational. 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 M1 to M8 and R4 water quality, air quality and noise monitoring must be conducted in compliance with the Licence conditions. A summary of the monitoring for August 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 no potential odour generating works were conducted in August and ongoing monitoring confirmed capping works 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 remediation 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 spiking observed throughout the month relating to rainfall events and natural marine debris and not relating to site works. Typical background levels ranged between 5-11NTU with a peak of 27NTU during a significant rainfall event.
2	Kendall Bay Background Monitor. Minor spiking observed throughout the month relating to rainfall events and natural marine debris and not relating to site works. Typical background levels ranged between 9-15NTU with a peak of 19NTU during a significant rainfall event.
3	Northern Remediation Area Compliance Monitor. Minor spiking observed throughout the month relating to rainfall events and natural marine debris and not relating to site works. Sensor exhibited minor operational issues due to a suspected intermittent fault which has been resolved with increased maintenance. Typical background levels ranged between 9-15NTU with a peak of 61NTU during a significant rainfall event. All results compliant with EPL limits.
4	Southern Remediation Area Compliance Monitor. Minor spiking observed throughout the month relating to rainfall events and natural marine debris and not relating to site works. Typical background levels ranged between 9-10NTU with a peak of 15NTU during a significant rainfall event. All results compliant with EPL limits.
5	Tennyson Rd Water Quality Sampling. Following sufficient sampling and analysis, the NSW EPA has removed the requirement for further sampling at this location.
6	Northern Remediation Area 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	Southern Remediation Area Compliance Monitor 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 ambient air quality on the project boundary downwind of active remediation works confirmed no air quality issues were identified and works were compliant.



Project Progress



Zero Water quality exceedances



Zero Air quality exceedances

