



KENDALL BAY SEDIMENT REMEDIATION PROJECT

1 SEPTEMBER TO 8 OCTOBER 2020 MONTHLY ENVIRONMENTAL REPORT WEBSITE SUMMARY



Works Update – Remediation and Demobilisation Complete

Key September / October work activities included:

- Completed Northern and Southern Area capping works
- Completed removal of Northern and Southern Area sheet piles
- Completed final clean of gasworks debris from the Southern Area beach
- Demobilised equipment and environmental controls from Kendall Bay and the Staging Site

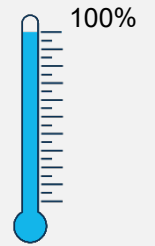
Environmental Update

There has been no record of any environmental incident or exceedance during the reporting period. Remediation works have been completed and all equipment has been demobilised from Kendall Bay and the staging site. 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 the reporting period 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 the reporting period 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.



Remediation Progress

EPL Point	Interpretation
1	Tennyson Road Background Monitor. Minor spiking observed throughout the reporting period 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 36NTU. Sensor removed on the 30/09/20.
2	Kendall Bay Background Monitor. Minor spiking observed throughout the reporting period 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 80NTU as a result of high wind and wave activity. Sensor removed on the 30/09/20.
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. The sensor continued to exhibit minor operational issues and was replaced on the 15/09/20. Typical background levels ranged between 9-15NTU with a peak of 70NTU as a result of operational issues. All results compliant with EPL limits. Sensor removed on the 30/09/20.
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 50NTU. All results compliant with EPL limits. Sensor removed on the 30/09/20.
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.



Zero Water quality exceedances



Zero Air quality exceedances

