



KENDALL BAY SEDIMENT REMEDIATION PROJECT

APRIL 2020 MONTHLY ENVIRONMENTAL REPORT WEBSITE SUMMARY



Works Update

Key April work activities included:

- Continued ISS remediation works in Northern Area
- Commenced Southern Area coffer dam installation
- Continued Southern seawall cleaning and targeted removal of coke and coal from Southern beach.

Environmental Update

There has been no record of any environmental incident or exceedance during the month of April. 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 April 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 April 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 5-10NTU with a peak of 46NTU during single spikes. |
| 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. Occasional extended spiking detected during marine invertebrate colonisation. Typical background levels ranged between 5-10NTU with a peak of 56NTU during single spikes. |
| 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. Occasional extended spiking detected during marine invertebrate colonisation. Typical background levels ranged between 5-10NTU with a peak of 49NTU during single spikes. 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. Occasional extended spiking detected during marine invertebrate colonisation. Typical background levels ranged between 5-15NTU with a peak of 52NTU during single spikes. All results compliant with EPL limits. |
| 5 | Tennyson Rd Water Quality Sampling. Water samples were collected on the 1st of April for laboratory analysis. The sample was compliant with recorded results within the criteria specified in the EPL. |
| 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 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 April confirmed no odour issues were identified and works were compliant. |



Project Progress



Zero Water quality exceedances



Zero Air quality exceedances

