



CLIENT MONTHLY ENVIRONMENTAL REPORT

**SICTL Container International Container
Terminal Limited**

Contract Number: 350
Report Number: 10
Period: March 2015

Prepared By: Simon Fisher



TABLE OF CONTENTS

Contents

1. Progress	3
1.1 Background.....	3
1.2 General Progress and Construction Activities	3
1.3 Environmental Action Summary.....	4
2.0 Environmental Surveillance	5
2.1 Environmental Inspections and Audit Findings.....	5
2.2 Environmental Noise Monitoring.....	5
2.3 Environmental Dust Monitoring and Air Quality	5
2.4 Water Quality Monitoring.....	5
2.5 Shorebird Monitoring and Predator Inspections.....	5
3.0 Community	6
3.1 Community Issues.....	6
Appendix A – Noise Monitoring Records.....	7
Appendix B – Dust and Air Quality Readings	8

1. Progress

1.1 Background

1.2 General Progress and Construction Activities

Burton Contractors continued to undertake the following works during March:

- Disconnection of electricity and mobilisation of remaining site sheds;
- Removal of weeds;
- Minor ground treatment works to remove final sump within compound area; and
- Site inspection to facilitate the removal of rubbish.

1.3 Environmental Action Summary

Table 1: Summary of environmental actions during March 2015

Detail	This Month	Total To Date
Toolbox (Includes Environment)	0	22
Awareness/Alerts/Training	0	7
Inspections	3	55
Audits	0	2
Non-Conformances	0	4
Out of Hours Request	0	22
Unexpected Find of Contamination	0	0
Hazard Reports / Minor Incidents (Class 3)	0	11
Hazard Reports / Minor Incidents (Class 3) Closed Out	0	11
Reported Incidents (Classes 2 & 1)	0	0
Breaches/Fines	0	0
Innovation / Positive Actions	0	7

2.0 Environmental Surveillance

2.1 Environmental Inspections and Audit Findings

A total of 3 environmental inspections and audits were undertaken during the reporting period. These included a combination of 22 daily site inspections (not included in the project total), 3 weekly internal and external inspections and any additional monitoring that was undertaken during the reporting period. These inspections identified a total of 0 non-conformance and 0 minor issues.

2.2 Environmental Noise Monitoring

Monthly construction noise monitoring was undertaken during March 2015. Noise monitoring was conducted at four of the locations outlined in the Environmental Impact Statement and the CEMP. The identification of these sites has been based on noise-sensitive receptors in the project Environmental Impact Statement and approved for the Port Botany Expansion construction activities.

Attended noise measurements were carried out for a period of 15 minutes at each location. During the monitoring event, observations were made on the weather as well as the surrounding noise sources and environment. Noise monitoring results and location maps are presented in Appendix B.

All noise monitoring conducted during the period indicated that the construction works were inaudible at residential noise-sensitive receivers. No noise related complaints were received by the Project for this reporting period.

2.3 Environmental Dust Monitoring and Air Quality

Four dust deposition gauges are installed in the areas surrounding the Port Botany redevelopment. All results received for the deposition gauges were within EPA guidelines and Project criteria for the month of March. No residential properties or road networks have been impacted by dust emanating from the Port expansion construction works and there have been no dust complaints received by the project during this monitoring period.

The real-time dust monitor located at the Botany Golf Club for reporting of PM₁₀ particulate matter has been installed by Burton's, for the month of March 2015.

No exceedences of project PM₁₀ particulate matter criteria were recorded during March 2015.

All other results were within the acceptable limits and the EPA Guidelines for the project. Dust and PM₁₀ monitoring results and location maps can be seen in Appendix C.

2.4 Water Quality Monitoring

During the reporting period no water was discharged from site. A total of 51.4mm of rain was received throughout the month of March. This rainfall was managed within the site boundaries with the aid of a sediment basin. Immediately following the rain events, erosion and sediment controls including but not limited to a sediment basin and wheel wash were inspected and were deemed effective (as per the Soil and Water Management Plan).

2.5 Shorebird Monitoring and Predator Inspections

Shorebird monitoring inspections were undertaken twice a day on site by the Site Foreman and Environmental Representative. These inspections indicated that no shorebirds or birds at all were observed to congregate on the site.

Daily monitoring inspections for targeted predator species (foxes, dogs and cats) were also undertaken by the Site Foreman and Environmental Representative, no indications of the presence of predators were found within the site.

3.0 Community

3.1 Community Issues

No community issues or complaints were received during this period.

Regards,

Burton Contractors Pty Limited

Simon Fisher

Simon Fisher

Environmental Coordinator

Appendix A – Noise Monitoring Records

Monthly Noise Monitoring Results – Standard Hours

17 March 2015

Context				EIS Data		Actual Measurements			
Noise Sensitive Area (EIS)	Monitoring Location	Sample Time	Weather Conditions	RBL	Noise Goal	Min	Max	LA10	Comments
Location 1	14 The Esplanade	1350-1405	Overcast, light NE wind	49	59	47.2	74.4	55.3	Aircraft noise and traffic. Construction works inaudible
Location 2	34 Dent St	1300-1315	Overcast, light NE wind	47	57	45.1	74.5	57.0	Aircraft noise and local traffic. Construction works inaudible.
Location 4	3 Anniversary Rd	1325-1340	Overcast, light NE wind	57	67	43.0	72.2	54	Aircraft noise and traffic. Construction works inaudible
Location 8	Cnr Botany Rd and Exell St	1430-1445	Overcast, light NE wind	56	66	55.0	85.6	75.0	Local heavy vehicle traffic traffic. Construction works inaudible.

Appendix B – Dust and Air Quality Readings

PB Monitoring – March RESULTS 2015

No	Location	Ash	Combustible Matter	Total Soluble Matter	Total Insoluble Matter	Sample ID	EPA Guideline	Comments
1	Purcell Park	2.2	0.5	2.0	2.7	EW1500881-001	4.0	Within criteria
2	Estuary	2.4	1.0	2.9	3.4	EW1500881-002	4.0	Within criteria
3	Golf Course	0.8	0.4	2.5	1.2	EW1500881-003	4.0	Within criteria
4	Joseph Bank Park	0.6	0.5	0.2	1.1	EW1500881-004	4.0	Within criteria

All units in g/m²/month. Dust limits are assessed as insoluble solids as per The Australian Standards (AS 3580.10.1-1991). Summary taken from ALS report EW1403818. Reporting period: 12.02.2015 – 13.03.2015.

Dust Monitoring Locations

