



# CLIENT MONTHLY ENVIRONMENTAL REPORT

**SICTL Container International Container  
Terminal Limited**

**Contract Number:** 350

**Report Number:** 08

**Period:** January 2015

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# **1. Progress**

## ***1.1 Background***

## ***1.2 General Progress and Construction Activities***

Burton Contractors continued to undertake the following works during January:

- Commissioned and energised reefer substation 2 with major subcontractor Downer;
- Additional conduits between beams F and G were installed;
- Installation of cable tray brackets and transponder brackets was undertaken on the beams;
- Fencing works were undertaken by subcontractor Fencing Logistics;
- Fire rated doors installed and certified inside the sub station;
- Stormwater pipes and pits throughout the job were cleaned; and
- All plant and machinery removed from site.

### 1.3 Environmental Action Summary

**Table 1: Summary of environmental actions during January 2015**

Detail	This Month	Total To Date
Toolbox (Includes Environment)	4	18
Awareness/Alerts/Training	0	7
Inspections	4	48
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 4 environmental inspections and audits were undertaken during the reporting period. These included a combination of 19 daily site inspections (not included in the project total), 3 weekly internal and external inspections, 1 monthly checklist, 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 January 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 January. 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 PM<sub>10</sub> particulate matter has been temporarily utilised by Burton's, from Fulton Hogan, for the month of January 2015.

No exceedences of project PM<sub>10</sub> particulate matter criteria were recorded during January 2015.

All other results were within the acceptable limits and the EPA Guidelines for the project. Dust and PM<sub>10</sub> 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 126mm of rain was received throughout the month of January. 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 – Site Photographs







## Appendix B – Noise Monitoring Records

### Monthly Noise Monitoring Results – Standard Hours

21 January 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	0935-0950	Clear skies, no wind	49	59	52	61	60	Aircraft noise and traffic. Construction works inaudible
Location 2	34 Dent St	1000-1015	Partial cloud cover, no wind	47	57	50	55	52	Aircraft noise and local traffic. Birds in background. Construction works inaudible.
Location 4	3 Anniversary Rd	1100-1115	Clear skies, no wind	57	67	55	60	58	Traffic and cicadas.
Location 8	Cnr Botany Rd and Exell St	1210-1225	Clear skies, no wind	56	66	47	65	52	Local traffic.

# Appendix C – Dust and Air Quality Readings

## PB Monitoring – January RESULTS 2015

No	Location	Ash	Combustible Matter	Total Soluble Matter	Total Insoluble Matter	Sample ID	EPA Guideline	Comments
1	Purcell Park	1.6	0.7	1.8	2.3	EW1500096-001	4.0	Within criteria
2	Estuary	1.3	0.4	3.1	1.7	EW1500096-002	4.0	Above criteria
3	Golf Course	0.7	0.5	1.5	1.2	EW1500096-003	4.0	Within criteria
4	Joseph Bank Park	0.5	0.3	1.9	0.8	EW1500096-004	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: 13.11.2014 – 12.12.2014.

### Dust Monitoring Locations

