PON BIMONTHLY REPORT

September & October 2016

STOLTHAVEN NEWCASTLE
LOT 2 STEELWORKS ROAD, MAYFIELD, 2304

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TABLE OF CONTENTS

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1 NOISE MONITORING

1.1 MONITORING CONDITIONS

In accordance with the conditions stipulated in the development approval SSD 6664 MOD1, Noise monitoring (NME) is an annual requirement. Therefore the most recent report was completed on the 29th October 2015.

1.2 MONITORING RESULTS

http://www.stolt-nielsen.com/Stolthaven-Terminals/Terminal-Network/Australia/~/~/link.aspx?_id=082C747A9AEE455EB986A55EB07E20EC&_z=z

1.3 NEXT MONITORING EVENT

The next Noise Monitoring Event is scheduled for: Currently underway

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2 AIR QUALITY ASSESSMENT

The terminal is operated in accordance with the Air Quality Management Plan which was prepared in consultation with PON and DP&E and consistent with the Mayfield Site Air Monitoring Program. The Mayfield Site Air Quality Monitoring Program uses the existing EPA monitoring system as a basis. The need for site specific monitoring to be implemented for projects in the Mayfield Concept Plan area is determined on a case by case basis during the planning and approval of each project. Stolthaven is operating under this framework to date.

Based on the outcomes of the Air Quality Impact Assessments undertaken for successive stages for the terminal, and in consultation with the EPA and DP&E, there has been no specific air quality monitoring requirements placed on Stolthaven. It should be noted that load limits are calculated on annual throughput and do not require regular monitoring to be undertaken.

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3 GROUNDWATER MONITORING

3.1 MONITORING CONDITIONS

Groundwater quality at the site is managed in accordance with a groundwater monitoring program, adherence to the sites Groundwater Management Plan and conditions of the Environmental Protection Licence (No. 20193). Groundwater beneath the site discharges into the Hunter River via groundwater mitigation. Four groundwater monitoring wells were installed in October 2013 (identified as Monitoring Points 1-4 in the EPL) and are subsequently identified as MW01, MW02, MW03 and MW04 in this report. The groundwater monitoring program consists of quarterly collection of data and samples from the groundwater wells. Monitoring events are scheduled so that groundwater conditions beneath the site are investigated during both 'wet' and 'dry' seasons.

EPA Identification Number	Type of Monitoring Point
1	Groundwater
2	Groundwater
3	Groundwater
4	Groundwater

3.2 MONITORING RESULTS

http://www.stolt-nielsen.com/Stolthaven-Terminals/Terminal-Network/Australia/~/~/link.aspx?_id=8B63C4DC0D584DB6B10E8C29025D7A2B&_z=z

3.3 SUMMARY

1. Groundwater level monitoring and groundwater sampling was conducted at the Site by AECOM on 12 August 2016. The analytical results of the groundwater quality monitoring indicate that there were no exceedances of the adopted GAC, or breaches of EPL conditions, relating to groundwater monitoring at Points MW01 to MW04;
2. Corrective action was therefore not required during this GME indicating that the operational facility has not had an impact on the quality of groundwater beneath the Site;
3. MW02 recorded a Benzene concentration below the LOR. In previous quarterly monitoring events, and during background monitoring, higher concentrations of Benzene were recorded at MW02. While Benzene has been identified in groundwater at MW02 prior to this GME, the concentrations recorded were appreciably low and below the GAC (500 µg/L);
4. Some preliminary trends were recorded in the dataset, however further monitoring data is required before reliable statistical trends in most analyte concentrations can be reported with sufficient confidence;
5. Comparison to historical analytical data confirmed that groundwater quality from this GME is comparable to pre-operational background conditions; and
6. On the whole it is considered that Stolthaven has complied with the groundwater monitoring requirements of their EPL and GMP.

3.4 NEXT MONITORING EVENT

The next Groundwater Monitoring Event is scheduled for: 15th November 2016

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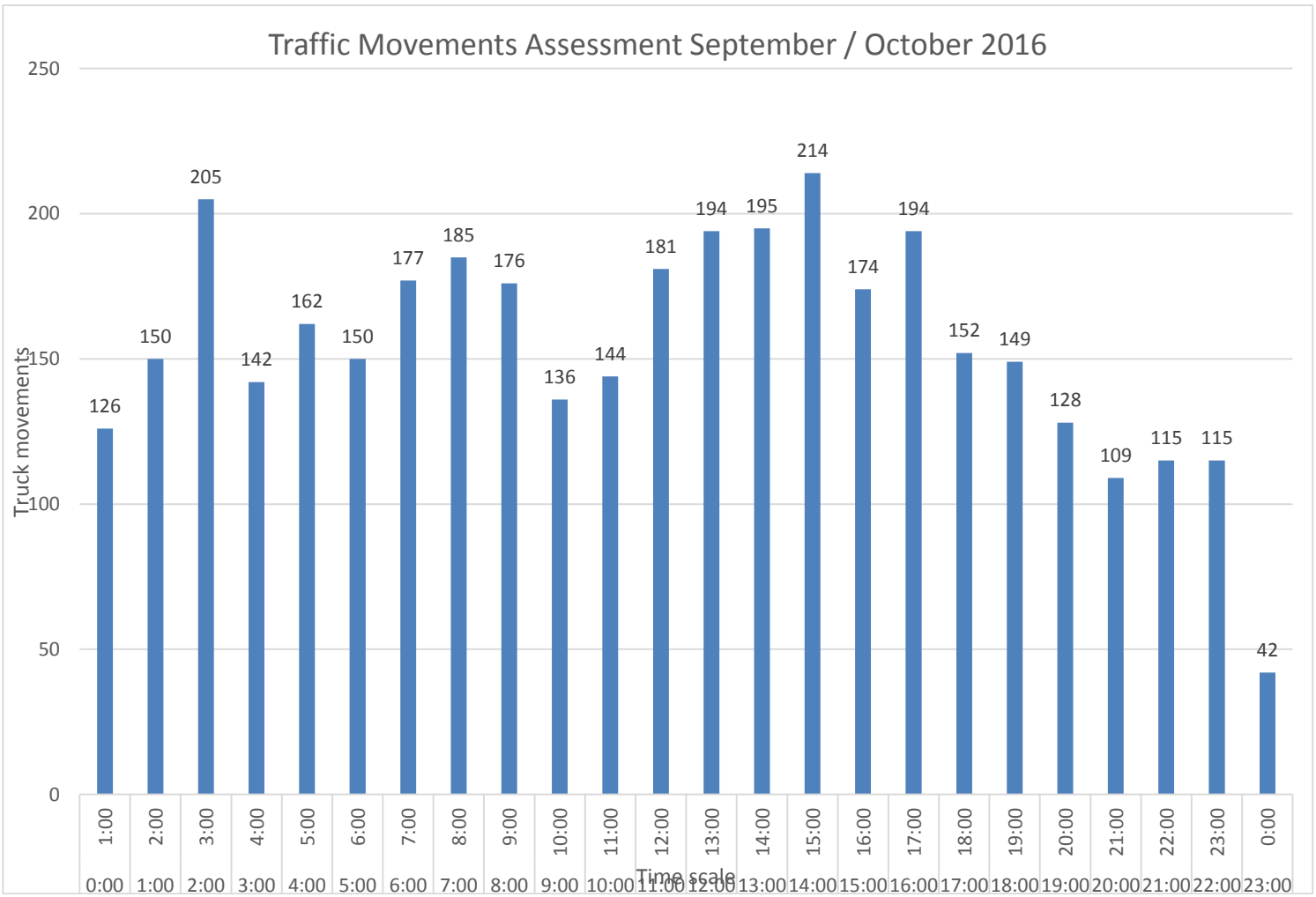
4 TRAFFIC MOVEMENT ASSESSMENT

The traffic movement assessment is the collation of all the transactions made at Stolthaven Newcastle during the reporting period. This is displayed in hourly intervals shown in the bar chart below.



In accordance with Schedule 3, Condition 2.3 of the Mayfield Concept Plan, the following table details truck movements against the prescribed criteria.

	Total Truck Movements per annum	Total Truck Movements per day	Total Hourly Truck Movements in peak periods
MCP Criteria	462,104	1,268	95
Stolthaven	39'960†	110*	4.6*

† Rolling cumulative total truck movements over 12 month period
* Based on an average over an actual 12 month period