

JHCPB Joint Venture

# EPL Monthly Monitoring Report

Reporting Period: October 2019

<b>Project</b>	Rozelle Interchange and WHT Enabling Works – Design and Construct
<b>Document No.</b>	RIC-JHC-RPT-20-EN-001-014
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## Document Approval

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## 1. Introduction

WestConnex is one of the NSW Government’s key infrastructure projects which aims to ease congestion, create jobs and connect communities. Together with the other components of the WestConnex Program of Works and the proposed future Sydney Gateway, the WestConnex M4M5 Link will facilitate improved connections between western Sydney, Sydney Airport and Port Botany and south and south-western Sydney, as well as better connectivity between the important economic centres along Sydney’s Global Economic Corridor and local communities (refer to Figure 1). Due to its importance, the WestConnex M4-M5 Link project was declared to be critical state significant infrastructure (CSSI) by the Minister for Planning on 15 August 2017.

The WestConnex M4-M5 Link is being delivered in two stages:

- Stage 1, the Mainline Tunnels, which includes the construction and operation of the M4-M5 Link Tunnel between the New M4 at Haberfield and the New M5 at St Peters, and
- Stage 2, the Rozelle Interchange, which will connect the Stage 1 mainline tunnels to the surrounding surface road network and includes the construction and operation of (see Figure 1)
  - › An interchange at Lilyfield and Rozelle, including a connection to the proposed future Western Harbour Tunnel and Beaches Link project, and
  - › A tunnel connection between the Anzac Bridge and Victoria Road, east of Iron Cove Bridge.



Figure 1 Westconnex Project Overview

## 2. Environmental Protection Licence and Reporting Requirements

John Holland Pty Ltd obtained the Environment Protection Licence (EPL No. 21278) from the NSW Environment Protection Authority for the Rozelle Interchange Works on behalf of the John Holland CPB (JHCPB) Joint Venture. The licence is for construction works relating to Road Construction as defined under Schedule 1 of the *Protection of the Environment Operations Act, 1997* (POEO Act).

The licence describes monitoring and reporting requirements for the M4-M5 Link Rozelle Interchange Works, and specifically provides discharge criteria for water treatment plant and sediment basin water quality. The following report details environmental monitoring undertaken during this reporting month conducted in accordance with the EPL.

The EPL can be found by following the link below to the EPA's website:

<https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=174300&SYSUID=1&LICID=21278>

### **3. Water Monitoring**

Testing and discharge of water was undertaken during this reporting period. Table 1 contains the water monitoring results.

Table 1 Water monitoring results

Discharge/Monitoring Point	Date sampled	Total suspended solids (mg/L)		pH		Oil & Grease		Monitoring frequency	Comment
		Licence limit	Result <sup>1</sup>	Licence limit	Result	Licence limit	Result		
<b>Oct-19</b>									
RRY01	01/10/2019	50	18.3	6.5-8.5	7.32	None Visible	None Visible	Each discharge	Compliant
RRY01	01/10/2019	50	30.1	6.5-8.5	8.2	None Visible	None Visible	Each discharge	Compliant
RRY01	02/10/2019	50	7.1	6.5-8.5	7.4	None Visible	None Visible	Each discharge	Compliant
RRY01	10/10/2019	50	3.8	6.5-8.5	7.3	None Visible	None Visible	Each discharge	Compliant

<sup>1</sup> A correlation between TSS and Turbidity has been established. Including a safety factor the turbidity limit is 50NTU

## **4. Noise Monitoring**

Noise monitoring was undertaken during this reporting period. Table 2 contains the noise monitoring results.

Table 2 Noise monitoring results

Monitoring Location (Noise Catchment Area, Street, Suburb)	Date	Time	Attended or Continuous Monitoring	Parameter	Goals/Target dB(A)	Actual dB(A)	Comments
NCA12, Henry Street Leichardt	10/10/2019	12:06am	Attended	LAeq 15 minutes	80	58.4	Compliant
NCA11, Henry Street Leichardt	11/10/2019	12:36am	Attended	LAeq 15 minutes	78	55.9	Compliant
NCA16, Lilyfield Road Lilyfield	16/10/2019	11:32pm	Attended	LAeq 15 minutes	82	72.5	Compliant
NCA11, Lilyfield Road, Lilyfield	16/10/2019	11:49pm	Attended	LAeq 15 minutes	89	79.3	Compliant
NCA12, Henry Street, Leichardt	18/10/2019	11:51pm	Attended	LAeq 15 minutes	80	72.5	Compliant
NCA11, Henry Street, Leichardt	18/10/2019	12:19am	Attended	LAeq 15 minutes	78	59.4	Compliant
NCA12, Henry Street, Leichardt	28/10/2019	11:40pm	Attended	LAeq 15 minutes	80	64.2	Compliant
NCA39, Derbyshire Road, Leichardt	29/10/2019	9:33pm	Attended	LAeq 15 minutes	75	75.2	Compliant, exceedance attributable to non-JHCPB activities.
NCA39, Short Street, Leichardt	29/10/2019	9:59pm	Attended	LAeq 15 minutes	86	69.1	Compliant