

JHCPB Joint Venture

# EPL Monthly Monitoring Report

Reporting Period: November 2019

<b>Project</b>	Rozelle Interchange and WHT Enabling Works – Design and Construct
<b>Document No.</b>	RIC-JHC-RPT-20-EN-001-015
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## Document Approval

Rev	Date	Prepared by	Reviewed by	Approved by	Remarks
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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**

No discharge events occurred during this reporting period.

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		
No discharge events occurred during this reporting period.									

<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
NCA39, Short Street, Leichardt	04/11/2019	10:31pm	Attended	LAeq 15 minutes	86	69.2	Compliant
NCA39, Short Street, Leichardt	06/11/2019	10:02pm	Attended	LAeq 15 minutes	86	68	Compliant
NCA39, Derbyshire Road, Leichardt	06/11/2019	10:22pm	Attended	LAeq 15 minutes	75	71	Compliant
NCA12, Henry Street, Leichardt	06/11/2019	12:27am	Attended	LAeq 15 minutes	65	56.8	Compliant
NCA12, Henry Street Leichardt	06/11/2019	12:45am	Attended	LAeq 15 minutes	65	61.3	Compliant