

JHCPB Joint Venture

EPL Monthly Monitoring Report

Reporting Period: July 2019

Project	Rozelle Interchange and WHT Enabling Works – Design and Construct
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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.

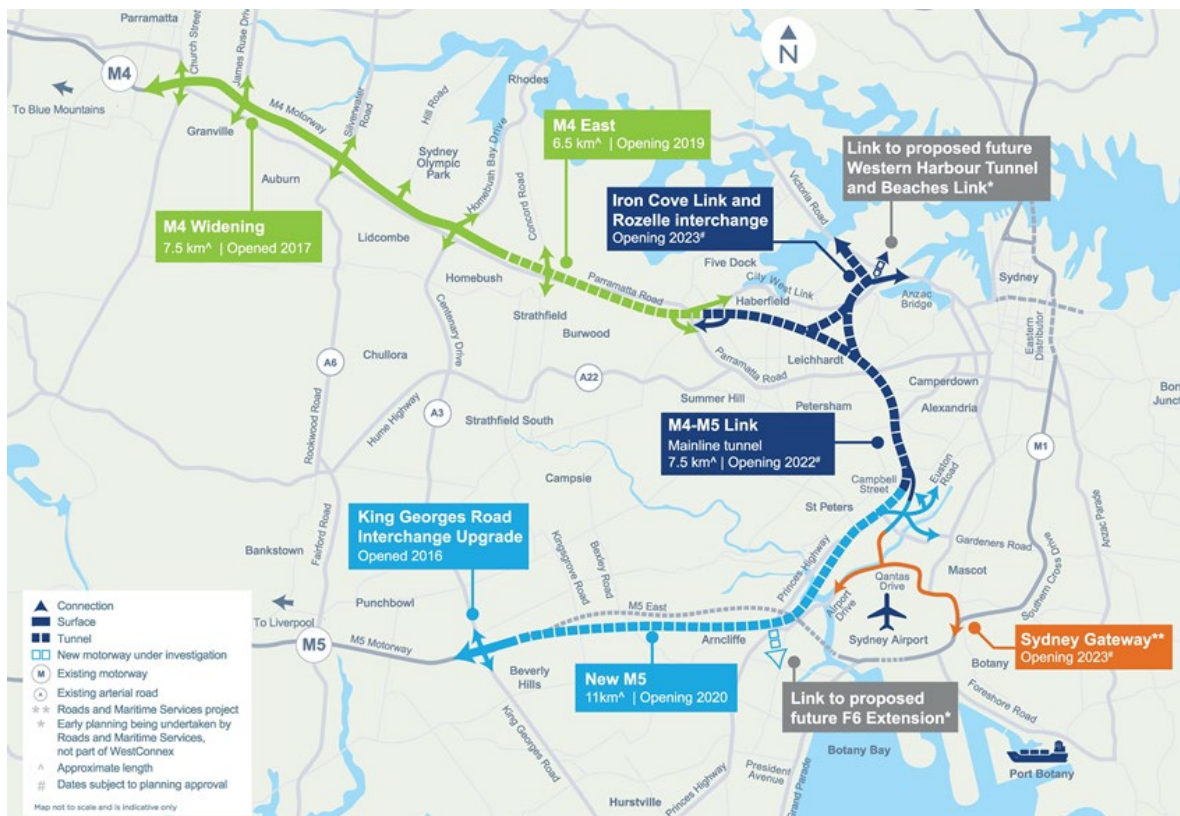


Figure 1 Westconnex Project Overview

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 ¹	Licence limit	Result	Licence limit	Result		
No discharge events occurred within the month of July									

¹ 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)	Measured dB(A)	Comments
NCA21, Railway Parade, Annandale	16/07/2019	11:16pm	Attended	LAeq 15 minutes	64	52.4	Compliant
NCA25, Lilyfield Road, Rozelle	16/07/2019	11:47pm	Attended	LAeq 15 minutes	66	52.1	Compliant
NCA24, Denison Street, Lilyfield	17/07/2019	01:34am	Attended	LAeq 15 minutes	65	52.9	Compliant
NCA19, Ryan Street, Lilyfield	17/07/2019	02:04am	Attended	LAeq 15 minutes	66	45.6	Compliant
NCA16, Lilyfield Road, Lilyfield	17/07/2019	03:00am	Attended	LAeq 15 minutes	67	40	Compliant
NCA20, Brenan Street, Lilyfield	17/07/2019	03:35am	Attended	LAeq 15 minutes	63	46.6	Compliant
NCA24, Johnston Street, Annandale	29/07/2019	11:47pm	Attended	LAeq 15 minutes	53	53.7	Compliant, exceedance attributable to dominant noise source – traffic.
NCA21, Railway Parade, Annandale	30/07/2019	12:18am	Attended	LAeq 15 minutes	64	43.2	Compliant
NCA27, Northcote Road, Glebe	30/07/2019	12:52am	Attended	LAeq 15 minutes	55	36.3	Compliant
NCA25, Lilyfield Road, Rozelle	30/07/2019	01:23am	Attended	LAeq 15 minutes	66	46.1	Compliant
NCA25, Lilyfield Road, Rozelle	31/07/2019	01:55am	Attended	LAeq 15 minutes	66	45.9	Compliant
NCA24, Johnston Street, Annandale	31/07/2019	02:35am	Attended	LAeq 15 minutes	65	46.1	Compliant
NCA19, Cecily Avenue, Lilyfield	31/07/2019	02:45am	Attended	LAeq 15 minutes	67	51.5	Compliant
NCA16, Lilyfield Road, Lilyfield	31/07/2019	03:08am	Attended	LAeq 15 minutes	67	44.5	Compliant
NCA15, Brenan Street, Lilyfield	31/07/2019	03:28am	Attended	LAeq 15 minutes	65	43.5	Compliant