

JHCPB Joint Venture

EPL Monthly Monitoring Report

Reporting Period: August 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 during this reporting period									

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
NCA25, Lilyfield Road, Rozelle	06/08/2019	12:22am	Attended	LAeq 15 minutes	66	55.6	Compliant
NCA24, Johnston Street, Annandale	06/08/2019	12:53am	Attended	LAeq 15 minutes	65	47.3	Compliant
NCA19, Cecily Street, Lilyfield	06/08/2019	01:13am	Attended	LAeq 15 minutes	67	50.2	Compliant
NCA21, Railway Parade, Annandale	06/08/2019	02:53am	Attended	LAeq 15 minutes	64	39	Compliant
NCA20, Brenan Street, Lilyfield	06/08/2019	03:11am	Attended	LAeq 15 minutes	63	44.8	Compliant
NCA25, Lilyfield Road, Rozelle	07/08/2019	12:19am	Attended	LAeq 15 minutes	66	50.8	Compliant
NCA24, Johnston Street, Annandale	07/08/2019	12:54am	Attended	LAeq 15 minutes	65	48.4	Compliant
NCA19, Cecily Avenue, Lilyfield	07/08/2019	01:17am	Attended	LAeq 15 minutes	67	50.2	Compliant
NCA16, Lilyfield Road, Lilyfield	07/08/2019	01:36am	Attended	LAeq 15 minutes	67	44.7	Compliant
NCA15, Brenan Street, Lilyfield	07/08/2019	01:57am	Attended	LAeq 15 minutes	65	43.5	Compliant
NCA20, Brenan Street, Lilyfield	07/08/2019	02:17am	Attended	LAeq 15 minutes	63	41.4	Compliant
NCA21, Railway Parade, Annandale	07/08/2019	02:38am	Attended	LAeq 15 minutes	67	38.2	Compliant
NCA25, Quirk Street, Rozelle	20/08/2019	11:12pm	Attended	LAeq 15 minutes	65	64.4	Compliant
NCA25, Hornsby Street, Rozelle	20/08/2019	11:46pm	Attended	LAeq 15 minutes	74	70.1	Compliant
NCA25, Quirk Street, Rozelle	21/08/2019	01:03am	Attended	LAeq 15 minutes	65	64.4	Compliant