

# EPL Monitoring Data Record

Newell Highway Upgrade – Parkes Upgrade  
Jan 2022 - Present



# Introduction

The proposed project is to build a new 10.5 kilometre bypass of the Newell Highway. The Parkes Bypass will divert heavy vehicle traffic out of the Parkes town centre. It would be located about 1.5 to two kilometres west of the existing Newell Highway and would generally include one lane in each direction. The Parkes Bypass would depart from the existing Newell Highway to the south of Barkers Road and will re-join the highway to the north of Parkes near Maguire Road. Georgiou holds EPL 21473 for road construction 10km – 30km with the excavation of more than 50,000 tonnes of material.

## Environment Protection Licence Monitoring Data

Project Name:	Parkes Bypass Road Project
Environment Protection Licence No:	21473
Link to Public Register on EPA website:	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&amp;SYSUID=1&amp;LICID=21473">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&amp;SYSUID=1&amp;LICID=21473</a>
Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Jan-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
2	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
3	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
4	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
5	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:					
mg/L = Milligrams per litre		N/A = Not Applicable		NV = None Visible	V = Visible
DNS = Did Not Sample		(cor) = NTU/TSS correlation		ND = No Discharge	PH = Acidic/ Alkiline

For the purposes of condition M2.1 of the Licence and the 'Special Frequency 1' means:

(a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge; and

(b) when rainfall causes a discharge from a basin which has not been emptied within 5 days of the cessation of a rainfall event.

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Feb-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
2	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
3	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
4	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
5	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Mar-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
2	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
3	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
4	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
5	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	Active
8	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	Active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Apr-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
2	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
3	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
4	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
5	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A		N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7 - 32950	13/04/2022	16/04/2022		13.20	50.00	9.00	6.5-8.5	7.07	NV	NV	per discharge	Active
8- 33810	14/04/2022	16/04/2022		36.20	50.00	33.00	6.5-8.5	6.97	NV	NV	per discharge	Active

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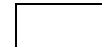
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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	May-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-32950	10/05/2022	10/05/2022	N/A	40(cor)	50.00	37	6.5-8.5	6.9	NV	N/V	per discharge	Active
2-33810	10/05/2022	10/05/2022	N/A	41(cor)	50.00	38	6.5-8.5	7.2	NV	N/V	per discharge	Active
3-32950	18/05/2022	18/05/2022	N/A	30(cor)	50.00	27	6.5-8.5	7.3	NV	N/V	per discharge	Active
4-33810	18/05/2022	18/05/2022	N/A	39(cor)	50.00	36	6.5-8.5	6.8	NV	N/V	per discharge	Active
5	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active



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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Jun-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-32950	9/06/2022	9/06/2022	N/A	47.9	50.00	46(cor)	6.5-8.5	7.3	NV	N/V	per discharge	Active
2-33810	9/06/2022	9/06/2022	N/A	48.2	50.00	45(cor)	6.5-8.5	7.2	NV	N/V	per discharge	Active
3	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Jul-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-32950	6/07/2022	6/07/2022	N/A	N/A	50.00	30(cor)	6.5-8.5	7.3	NV	N/V	per discharge	Active
2-33810	6/07/2022	6/07/2022	N/A	N/A	50.00	40(cor)	6.5-8.5	7.6	NV	N/V	per discharge	Active
3 -32950	19/07/2022	19/07/2022	N/A	N/A	50.00	18(cor)	6.5-8.5	7.8	NV	N/V	per discharge	Active
4-33810	19/07/2022	19/07/2022	N/A	N/A	50.00	8(cor)	6.5-8.5	8.4	NV	N/V	per discharge	Active
5	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A		0	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Aug-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-32950	9/08/2022	9/08/2022	N/A	N/A	50.00	20(cor)	6.5-8.5	7.7	NV	N/V	per discharge	Active
2-32950	18/08/2022	18/08/2022	N/A	N/A	50.00	12(cor)	6.5-8.5	7.3	NV	N/V	per discharge	Active
3 -33810	25/08/2022	25/08/2022	N/A	N/A	50.00	15.4(cor)	6.5-8.5	7.8	NV	N/V	per discharge	Active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Sep-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	1/09/2022	1/09/2022	N/A	N/A	50.00	21.8(cor)	6.5-8.5	7.9	NV	N/V	per discharge	Active
2-32950	12/09/2022	12/09/2022	N/A	N/A	50.00	41(cor)	6.5-8.5	7.8	NV	N/V	per discharge	Active
3 -33810	13/09/2022	25/08/2022	N/A	N/A	50.00	7.3(cor)	6.5-8.5	7.3	NV	N/V	per discharge	Active
4 - 32950	19/09/2022	19/09/2022	N/A	N/A	50.00	17.7(cor)	6.5-8.5	7.6	NV	N/V	per discharge	Active
5 - 33810	19/09/2022	19/09/2022	N/A	N/A	50.00	30(cor)	6.5-8.5	8.4	NV	N/A	per discharge	Active
6 -	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Nov-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	2/11/2022	2/11/2022	N/A	N/A	50.00	45(cor)	6.5-8.5	8.4	NV	N/V	per discharge	Active
2-32950	2/11/2022	2/11/2022	N/A	N/A	50.00	47(cor)	6.5-8.5	8.5	NV	N/V	per discharge	Active
3 -33810	16/11/2022	16/11/2022	N/A	N/A	50.00	48(cor)	6.5-8.5	7.8	NV	N/V	per discharge	Active
4 - 32950	16/11/2022	16/11/2022	N/A	N/A	50.00	47(cor)	6.5-8.5	7.9	NV	N/V	per discharge	Active
5 - 33810	17/11/2022	17/11/2022	N/A	N/A	50.00	48(cor)	6.5-8.5	7.4	NV	N/A	per discharge	Active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:												
mg/L = Milligrams per litre			N/A = Not Applicable				NV = None Visible			V = Visible		
DNS = Did Not Sample			(cor) = NTU/TSS correlation				ND = No Discharge			PH = Acidic/ Alkiline		

For the purposes of condition M2.1 of the Licence and the 'Special Frequency 1' means:

(a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge; and

(b) when rainfall causes a discharge from a basin which has not been emptied within 5 days of the cessation of a rainfall event.

## Environment Protection Licence Monitoring Data

Project Name:	Parkes Bypass Road Project
Environment Protection Licence No:	21473
Link to Public Register on EPA website:	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&amp;SYSUID=1&amp;LICID=21473">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&amp;SYSUID=1&amp;LICID=21473</a>
Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Dec-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:					
mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible		
DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkiline		

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Jan-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:					
mg/L = Milligrams per litre		N/A = Not Applicable		NV = None Visible	V = Visible
DNS = Did Not Sample		(cor) = NTU/TSS correlation		ND = No Discharge	PH = Acidic/ Alkiline

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Feb-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:					
mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible		
DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline		

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Mar-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:					
mg/L = Milligrams per litre		N/A = Not Applicable		NV = None Visible	V = Visible
DNS = Did Not Sample		(cor) = NTU/TSS correlation		ND = No Discharge	PH = Acidic/ Alkiline

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Apr-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:

mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible
DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline

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Project Name:	Parkes Bypass Road Project
Environment Protection Licence No:	21473
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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	May-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:

mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible
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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Jun-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Jul-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Aug-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:		
mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible
DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge
		V = Visible
		PH = Acidic/ Alkiline

For the purposes of condition M2.1 of the Licence and the 'Special Frequency 1' means:

(a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge; and

(b) when rainfall causes a discharge from a basin which has not been emptied within 5 days of the cessation of a rainfall event.

## Environment Protection Licence Monitoring Data

Project Name:	Parkes Bypass Road Project
Environment Protection Licence No:	21473
Link to Public Register on EPA website:	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&amp;SYSUID=1&amp;LICID=21473">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&amp;SYSUID=1&amp;LICID=21473</a>
Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Sep-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

Abbreviations:											
mg/L = Milligrams per litre			N/A = Not Applicable			NV = None Visible			V = Visible		
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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Oct-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	0(cor)	6.5-8.5	0	NV	N/V	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/V	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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Premise Address:	Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes
Monitoring Month:	Nov-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1-33810	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	Active No discharge
2-32950	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	Active No discharge
3	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
4	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
5	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
6	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
7	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active
8	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	basin not active

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