

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

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|---|---|
| Project Name: | Parkes Bypass Road Project |
| Environment Protection Licence No: | 21473 |
| Link to Public Register on EPA website: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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/ Alkaline | |

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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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: | 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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- (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: | 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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- (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: | 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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|-----------------------------|-----------------------------|-------------------|-----------------------|
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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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| 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:

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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 |

Abbreviations:

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 (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: | 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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| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| Premise Address: | Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes |
| Monitoring Month: | Oct-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 | 10/10/2022 | 10/10/2022 | N/A | N/A | 50.00 | 37(cor) | 6.5-8.5 | 7.9 | NV | N/V | per discharge | Active |
| 2-32950 | 10/10/2022 | 10/10/2022 | N/A | N/A | 50.00 | 35(cor) | 6.5-8.5 | 8 | NV | N/V | per discharge | Active |
| 3 - 33810 | 20/10/2022 | 20/10/2022 | N/A | N/A | 50.00 | 37(cor) | 6.5-8.5 | 8.1 | NV | N/V | per discharge | Active |
| 4 - 32950 | 17/10/2022 | 17/10/2022 | N/A | N/A | 50.00 | 30(cor) | 6.5-8.5 | 8.4 | NV | N/V | per discharge | Active |
| 5 - 33810 | 21/10/2022 | 21/10/2022 | N/A | N/A | 50.00 | 30(cor) | 6.5-8.5 | 8.1 | 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |

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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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/ Alkaline |

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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |

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|-----------------------------|--|-----------------------------|--|--|--|--|-------------------|--|--|--|-----------------------|
| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |

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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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/ 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 | | |
| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |

| | | | | | | | | | | | |
|-----------------------------|--|-----------------------------|--|--|--|--|-------------------|--|--|--|-----------------------|
| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |

| | | | | | |
|-----------------------------|-----------------------------|--|-------------------|--|-----------------------|
| 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 |

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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 | | 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |
| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |

| | | | | | | | | | | | |
|-----------------------------|--|--|-----------------------------|--|--|-------------------|--|--|-----------------------|--|--|
| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| 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 |

| | | | | | | | |
|-----------------------------|--|-----------------------------|--|-------------------|--|-----------------------|--|
| 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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| Premise Address: | Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes |
| Monitoring Month: | Dec-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 | | | |

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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=232454&SYSUID=1&LICID=21473 |
| Premise Address: | Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes |
| Monitoring Month: | Jan-24 |

| 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 |

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: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=2324548&SYSUID=1&LICID=21473 |
| Premise Address: | Newell Highway from Barkers Road south of Parkes to Maguire Road North of Parkes |
| Monitoring Month: | Feb-24 |

| 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 |

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.