

Environment Protection Licence Monitoring Data

Project Name: The Northern Road Upgrade, Glenmore Parkway to Jamison Road
 Environment Protection Licence No: 20910
 Premise Address: Glenmore Parkway Glenmore Park to Jamison Road Penrith South, NSW 2750
 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Apr-17
 Monitoring Data for the Month: Mar-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
				ND	50	ND	6.5-8.5	ND	None Visible	ND	Event Based	Scheduled activity not commenced

Abbreviations:
 mg/L = Milligrams per litre N/A = Not Applicable NV = None Visible DNS = Did Not Sample
 NTU = Nephelometric Turbidity Unit ND = No Discharge V = Visible pH = potential of Hydrogen

Environment Protection Licence Monitoring Data

Project Name: The Northern Road Upgrade (Stage 3)
 Environment Protection Licence No: 20910
 Premise Address: The Northern Road Upgrade, Glenmore Parkway to Jamison Road
 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-May-17
 Monitoring Data for the Month: Apr-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND	ND	ND		N/A	50	ND	6.5 - 8.5	ND	None visible	ND	Event Based	

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-June-17
 Monitoring Data for the Month: May-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND	ND	ND		N/A	50	ND	6.5 - 8.5	ND	None visible	ND	Event Based	

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Jul-17
 Monitoring Data for the Month: Jun-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND	ND	ND	N/A	ND	50	ND	6.5 - 8.5	ND	None Visible	None Visible		

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Aug-17
 Monitoring Data for the Month: Jul-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND	ND	ND	N/A	ND	50	ND	6.5 - 8.5	ND	None Visible	None Visible		

Abbreviations:
 mg/L = Milligrams per litre N/A = Not Applicable NV = None Visible DNS = Did Not Sample
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 Link to Public Register on EPA website: 2750 <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Sep-17
 Monitoring Data for the Month: Aug-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND	ND	ND	N/A	ND	50	ND	6.5-8.5	ND	None Visible	NV	Event Based	

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Oct-17
 Monitoring Data for the Month: Sep-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND	ND	ND	N/A	ND	50	ND	6.5 - 8.5	ND	None Visible	NV	Event Based	No discharge for the reporting period

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Nov-17
 Monitoring Data for the Month: Oct-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
B0250R	30-Oct-17	31-Oct-17	N/A	N/A	50	8.0	6.5-8.5	8.2	None visible	NV	Special Frequency 1	
B0950R	30-Oct-17	31-Oct-17	N/A	N/A	50	9.0	6.5-8.5	8.0	None visible	NV	Special Frequency 1	

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Dec-17
 Monitoring Data for the Month: Nov-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND					50		6.5-8.5		NV	NV	Special Frequency 1	
ND					50		6.5-8.5		NV	NV	Special Frequency 1	

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 NTU = Nephelometric Turbidity Unit ND = No Discharge V = Visible pH = potential of Hydrogen

Monitoring Type:

Blast Monitoring

Monitoring Point	Date Sampled	Date Data Obtained	Peak Particle Velocity (mm/s)		Airblast Overpressure (dBL)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results		
N/A	ND	ND						No Blasting

Abbreviations:
mm/s = millimeters per second NB = No Blasting
dBL = decibel level

Monitoring Type:

Discharge to Land (general)

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Aluminium - dissolved (mg/L)		Conductivity (µS/cm)		Iron - dissolved (mg/L)		pH		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
N/A	ND	ND										

Abbreviations:

- mg/L = Milligrams per litre
- µS/cm = Microsiemens per centimetre
- N/A = Not Applicable
- ND = No Discharge
- NV = None Visible
- V = Visible
- DNS = Did Not Sample
- pH = potential of Hydrogen

Monitoring Type:

Discharge to Land (from acid sulphate soil treatment areas)

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Aluminium - dissolved (mg/L)		Conductivity (µS/cm)		Iron - dissolved (mg/L)		Oil & Grease		pH		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
N/A	ND	ND												

Abbreviations:
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 µS/cm = Microsiemens per centimetre ND = No Discharge V = Visible pH = potential of Hydrogen

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Jan-18
 Monitoring Data for the Month: Dec-17
 Reviewed by Project Environmental Manager: Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
B0950R	11-Dec-17	11-Dec-17	50	20.7	50	24.0	6.5-8.5	8.3	None Visible	None Visible	Event Based	

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