

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 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-Feb-20
 Monitoring Data for the Month: Jan-20
 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	20-Jan-20	20-Jan-20	69	38.0	50	DNS	6.5 to 8.5	8.4	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used - 40mg/L = 69 NTU
			69		50		6.5 to 8.5		None visible			
			69		50		6.5 to 8.5		None visible			

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

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Mar-20
 Monitoring Data for the Month: Feb-20
 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		
B2700L	03-Feb-20	03-Feb-20	69	40.6	50	24.9	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	NTU/TSS Correlation In Use
B0250R	03-Feb-20	03-Feb-20	69	64.1	50	37.1	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B0250R	11-Feb-20	11-Feb-20	69	58.1	50	34.4	6.5 to 8.5	7.8	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B2700L	12-Feb-20	12-Feb-20	69	63.9	50	37.5	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B2700L	14-Feb-20	14-Feb-20	69	65.0	50	38.1	6.5 to 8.5	8.1	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
BO950R	17-Feb-20	17-Feb-20	69	26.6	50	17.3	6.5 to 8.5	7.8	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B0250R	17-Feb-20	17-Feb-20	69	24.6	50	16.2	6.5 to 8.5	8.4	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B2700L	18./02/2020	18./02/2020	69	25.8	50	16.8	6.5 to 8.5	7.7	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B0250R	18./02/2020	18./02/2020	69	23.3	50	15.5	6.5 to 8.5	8.3	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B0250R	19-Feb-20	19-Feb-20	69	53.5	50	31.9	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B0250R	20-Feb-20	20-Feb-20	69	58.9	50	34.8	6.5 to 8.5	8.4	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
B2700L	20-Feb-20	20-Feb-20	69	47.7	50	28.7	6.5 to 8.5	7.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use
BO950R	21-Feb-20	21-Feb-20	69	48.8	50	29.3	6.5 to 8.5	8.4	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in Use

Abbreviations:

mg/L = Milligrams per litre
NTU = Nephelometric Turbidity Unit

N/A = Not Applicable
ND = No Discharge

NV = None Visible
V = Visible

DNS = Did Not Sample
pH = potential of Hydrogen

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 Environment Protection Licence No: 20910
 Premise Address: The Northern Road Upgrade, Glenmore Parkway to Jamison Road, NSW 2750
 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Apr-20
 Monitoring Data for the Month: Mar-20
 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	02-Mar-20	02-Mar-20	69	36	50	DNS	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	
B0950R	10-Mar-20	10-Mar-20	69	53	50	DNS	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	
B2700L	10-Mar-20	10-Mar-20	69	48	50	DNS	6.5 to 8.5	8.5	None visible	None visible	Special Frequency 1	
B0250R	10-Mar-20	10-Mar-20	69	23	50	DNS	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	
B0250R	11-Mar-20	11-Mar-20	69	21	50	DNS	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	
B0250R	18-Mar-20	18-Mar-20	69	35	50	DNS	6.5 to 8.5	8.0	None visible	None visible	Special Frequency 1	
B2700L	23-Mar-20	23-Mar-20	69	10	50	DNS	6.5 to 8.5	7.4	None visible	None visible	Special Frequency 1	
B0950R	25-Mar-20	25-Mar-20	69	33	50	DNS	6.5 to 8.5	8.0	None visible	None visible	Special Frequency 1	
B0950R	26-Mar-20	26-Mar-20	69	66	50	DNS	6.5 to 8.5	8.0	None visible	None visible	Special Frequency 1	
B2700L	28-Mar-20	28-Mar-20	69	21	50	DNS	6.5 to 8.5	8.5	None visible	None visible	Special Frequency 1	
B0250R	28-Mar-20	28-Mar-20	69	67	50	DNS	6.5 to 8.5	8.3	None visible	None visible	Special Frequency 1	
B0250R	31-Mar-20	31-Mar-20	69	56	50	DNS	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	

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 Premise Address: The Northern Road Upgrade, 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-May-20
 Monitoring Data for the Month: Apr-20
 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	01-Apr-20	01-Apr-20	69	31.0	50	DNS	6.5 to 8.5	7.3	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B2700L	01-Apr-20	01-Apr-20	69	21.2	50	DNS	6.5 to 8.5	8.4	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B0250R	06-Apr-20	06-Apr-20	69	41.1	50	DNS	6.5 to 8.5	8.5	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B0250R	16-Apr-20	16-Apr-20	69	40.9	50	DNS	6.5 to 8.5	7.1	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Jun-20
 Monitoring Data for the Month: May-20
 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	06-May-20	06-May-20	69	30	50	16.0	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used - 69 NTU = 40mg/L TSS
B0950R	07-May-20	07-May-20	69	23	50	DNS	6.5 to 8.5	8.1	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used - 69 NTU = 40mg/L TSS
B0250R	20-May-20	20-May-20	69	17	50	DNS	6.5 to 8.5	8.5	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used - 69 NTU = 40mg/L TSS
B0950R	22-May-20	22-May-20	69	41	50	DNS	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used - 69 NTU = 40mg/L TSS
B0250R	26-May-20	26-May-20	69	61	50	DNS	6.5 to 8.5	7.8	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used - 69 NTU = 40mg/L TSS
B0250R	29-May-20	29-May-20	69	31	50	DNS	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used - 69 NTU = 40mg/L TSS

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 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Jul-20
 Monitoring Data for the Month: Jun-20
 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		
B2700L	05-Jun-20	05-Jun-20	69	27	50	DNS	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B1700R	11-Jun-20	11-Jun-20	69	20	50	DNS	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B1700R	12-Jun-20	12-Jun-20	69	27	50	DNS	6.5 to 8.5	7.9	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B1700R	15-Jun-20	15-Jun-20	69	67	50	DNS	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B1700R	23-Jun-20	23-Jun-20	69	55	50	DNS	6.5 to 8.5	7.7	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B0950R	19-Jun-20	19-Jun-20	69	38	50	DNS	6.5 to 8.5	7.8	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used

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

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Project Name: The Northern Road Upgrade Stage 3 Upgrade
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 Premise Address: The Northern Road Upgrade, Glenmore Parkway to Jamison Road Penrith South, NSW 2750
 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Sep-20
 Monitoring Data for the Month: Aug-20
 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	06-Aug-20	06-Aug-20	69	21	50	DNS	6.5 to 8.5	7.7	None visible	None visible	Special Frequency 1	TSS/NTU Correlation in use
B0250R	11-Aug-20	11-Aug-20	69	66	50	DNS	6.5 to 8.5	7.5	None visible	None visible	Special Frequency 1	TSS/NTU Correlation in use
B2700L	11-Aug-20	11-Aug-20	69	32	50	DNS	6.5 to 8.5	8.4	None visible	None visible	Special Frequency 1	TSS/NTU Correlation in use
B2700L	12-Aug-20	12-Aug-20	69	47	50	DNS	6.5 to 8.5	7.1	None visible	None visible	Special Frequency 1	TSS/NTU Correlation in use
B0950R	17-Aug-20	17-Aug-20	69	26	50	DNS	6.5 to 8.5	8.0	None visible	None visible	Special Frequency 1	TSS/NTU Correlation in use
B0250R	20-Aug-20	20-Aug-20	69	29	50	DNS	6.5 to 8.5	8.3	None visible	None visible	Special Frequency 1	TSS/NTU Correlation in use
B2700L	21-Jul-20	21-Jul-20	69	21	50	DNS	6.5 to 8.5	8.2	None visible	None visible	Special Frequency 1	TSS/NTU Correlation in use

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 NTU = Nephelometric Turbidity Unit 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-Oct-20
 Monitoring Data for the Month: Sep-20
 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	69	ND	50	ND	6.5 to 8.5	ND	None Visible	None Visible	ND	No discharge during September 2020

Abbreviations:
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 Premise Address: The Northern Road, Glenmore Parkway to Jamison Road Penrith South, NSW 2750
 Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
 Date Published: 14-Nov-20
 Monitoring Data for the Month: Oct-20
 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	27/10/2020	27/10/2020	69	62.8	50	DNS	6.5-8.5	8.1	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in use
B2700L	28/10/2020	28/10/2020	69	24.5	50	DNS	6.5-8.5	7.6	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in use
B0950R	29/10/2020	29/10/2020	69	36.0	50	DNS	6.5-8.5	7.4	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in use
B2700L	30/10/2020	30/10/2020	69	67.1	50	DNS	6.5-8.5	7.2	None visible	None visible	Special Frequency 1	NTU/TSS Correlation in use

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Link to Public Register on EPA website: <http://www.epa.nsw.gov.au/prpoeoapp/>
Date Published:
Monitoring Data for the Month: Dec-20
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		
B2700L	2/12/2020	2/12/2020	69	41.2	50	DNS	6.5-8.5	8.5	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B1700R	8/12/2020	8/12/2020	69	39.3	50	DNS	6.5-8.5	8.5	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B0250R	9/12/2020	9/12/2020	69	50.1	50	DNS	6.5-8.5	7.5	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B2700L	10/12/2020	10/12/2020	69	38.3	50	DNS	6.5-8.5	8.5	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used
B1700R	10/12/2020	10/12/2020	69	25.9	50	DNS	6.5-8.5	8.0	None visible	None visible	Special Frequency 1	NTU/TSS Correlation used

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