

Environment Protection Licence Monitoring Data



Project Name: NorthConnex
Environment Protection Licence No: 20570
Link to Public Register on EPA website: [NorthConnex - EPL 20570](#)
Premise Address: BETWEEN WINDSOR ROAD, BAULKHAM HILLS & M2 MOTORWAY, PENNANT HILLS & M1 MOTORWAY WAHROONGA NSW 2076
Date Published: 14-Jun-16
Monitoring Data for the Period: 01-May-2016 to 31-May-2016

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		
SC01	03-May-16	03-May-16	16	15.5	50	n/a	6.5-8.5	8.2	None Visible	None Visible	Event Based	
TRT1	29-Apr-16	04-May-16	n/a	n/a	50	<5	6.5-8.5	7.2	None Visible	None Visible	Event Based	
NC01	05-May-16	06-May-16	n/a	n/a	50	10.0	6.5-8.5	7.3	None Visible	None Visible	Event Based	
NC03	05-May-16	06-May-16	n/a	n/a	50	12.0	6.5-8.5	7.9	None Visible	None Visible	Event Based	
WC01	11-May-16	11-May-16	16	5.1	50	n/a	6.5-8.5	8.5	None Visible	None Visible	Event Based	
NC03	12-May-16	13-May-16	n/a	n/a	50	11.0	6.5-8.5	7.9	None Visible	None Visible	Event Based	
WC01	13-May-16	13-May-16	16	6.7	50	n/a	6.5-8.5	6.8	None Visible	None Visible	Event Based	
WC01	17-May-16	17-May-16	16	6.7	50	n/a	6.5-8.5	8.4	None Visible	None Visible	Event Based	
WC01	19-May-16	19-May-16	16	12.5	50	n/a	6.5-8.5	8.4	None Visible	None Visible	Event Based	
WC01	20-May-16	20-May-16	16	11.5	50	n/a	6.5-8.5	6.6	None Visible	None Visible	Event Based	
WC01	24-May-16	24-May-16	16	15.0	50	n/a	6.5-8.5	7.1	None Visible	None Visible	Event Based	
WC01	25-May-16	25-May-16	16	10.1	50	n/a	6.5-8.5	8.4	None Visible	None Visible	Event Based	
WC01	28-May-16	28-May-16	16	4.0	50	n/a	6.5-8.5	6.8	None Visible	None Visible	Event Based	

WC01	29-May-16	29-May-16	16	10.8	50	n/a	6.5-8.5	8.0	None Visible	None Visible	Event Based	
WC01	29-May-16	29-May-16	16	14.5	50	n/a	6.5-8.5	7.5	None Visible	None Visible	Event Based	
WC01	29-May-16	29-May-16	16	15.9	50	n/a	6.5-8.5	7.1	None Visible	None Visible	Event Based	
WC01	29-May-16	29-May-16	16	12.9	50	n/a	6.5-8.5	8.0	None Visible	None Visible	Event Based	
WC01	30-May-16	30-May-16	16	12.7	50	n/a	6.5-8.5	7.8	None Visible	None Visible	Event Based	
WC01	30-May-16	30-May-16	16	11.2	50	n/a	6.5-8.5	8.0	None Visible	None Visible	Event Based	
WC01	30-May-16	30-May-16	16	4.5	50	n/a	6.5-8.5	7.5	None Visible	None Visible	Event Based	
WC01	31-May-16	31-May-16	16	5.5	50	n/a	6.5-8.5	7.6	None Visible	None Visible	Event Based	
WC01	31-May-16	31-May-16	16	14.2	50	n/a	6.5-8.5	7.5	None Visible	None Visible	Event Based	

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

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		
Northern Interchange Compound								
Monitor 1	19/05/2016	19/05/2016	10	6.99	120	108.9	Per blast	
Lucinda Ave	19/05/2016	19/05/2016	10	7.21	120	115.5	Per blast	
Monitor 1	25/05/2016	25/05/2016	10	3.67	120	110.4	Per blast	
Lucinda Ave	25/05/2015	25/05/2015	10	5.83	120	114.4	Per blast	
Wilson Tunnel Compound								
Monitor 1 (Wilson Road)	12/05/2016	12/05/2016	10	5.59	120	100.1	Per blast	Trial blast for site law

Abbreviations:

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