Project Name:
Environment Protection Licence No:
Premise Address:
Link to Public Register on EPA website:
Date Published:
Monitoring Data for the Month:
Reviewed by Project Environmental Manager:

W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie http://www.epa.nsw.gov.au/prpoeoapp/ 14-Feb-20 Jan-20

Yes

Monitoring Type: Water Discharge Monitoring Total Suspended Solids Turbidity pН Oil & Grease Discharge / Monitoring Date Data (NTU) (mg/L) Date Sampled Monitoring Frequency Comment Point Obtained Licence Limi Results Licence Limit Results Licence Limit Results Licence Limit Results B2460L 20/01/2020 20/01/2020 69 50 50 0.00 6.5 to 8.5 7.4 None visible None Visible Special Frequency 1 NTU/TSS Correlation in use NTU/TSS Correlation in use B2460L 21/01/2020 21/01/2020 69 19 50 0.00 6.5 to 8.5 7.3 None visible None Visible Special Frequency 1 NTU/TSS Correlation in use Special Frequency 1 B2470L 21/01/2020 21/01/2020 69 13 50 0.00 6.5 to 8.5 7.5 None visible None Visible NTU/TSS Correlation in use 69 50 Special Frequency 1 B3080L 21/01/2020 21/01/2020 27 0.00 6.5 to 8.5 7.1 None visible None Visible 22/01/2020 69 50 0.00 6.5 to 8.5 7.5 None visible None Visible Special Frequency 1 NTU/TSS Correlation in use B2460L 22/01/2020 66 50 Special Frequency 1 NTU/TSS Correlation in use B2740L 22/01/2020 22/01/2020 69 64 0.00 6.5 to 8.5 7.3 None visible None Visible B2930L 23/01/2020 23/01/2020 69 12 50 0.00 6.5 to 8.5 7.2 None visible None Visible Special Frequency 1 NTU/TSS Correlation in use Special Frequency 1 NTU/TSS Correlation in use 23/01/2020 23/01/2020 69 50 0.00 6.5 to 8.5 7.9 B3080L 32 None visible None Visible 24/01/2020 69 50 0.00 6.5 to 8.5 8.0 NTU/TSS Correlation in use B2470L 24/01/2020 45 None visible None Visible Special Frequency 1 B2930L 24/01/2020 24/01/2020 69 53 50 0.00 6.5 to 8.5 7.9 None visible None Visible NTU/TSS Correlation in use Special Frequency 1 B_HAW_01 24/01/2020 24/01/2020 69 32 50 0.00 6.5 to 8.5 7.9 None visible None Visible Special Frequency 1 NTU/TSS Correlation in use 69 50 0.00 6.5 to 8.5 B_HAW_02 24/01/2020 24/01/2020 20 7.8 None visible None Visible Special Frequency 1 NTU/TSS Correlation in use 69 50 0.00 6.5 to 8.5 8.4 None visible None Visible NTU/TSS Correlation in use B_HAW_01 39 Special Frequency 1 30/01/2020 30/01/2020 69 34 50 0.00 6.5 to 8.5 7.9 None visible None Visible NTU/TSS Correlation in use B_HAW_02 Special Frequency 1 30/01/2020 30/01/2020

Abbreviations:

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

N/A = Not Applicable ND =

No Discharge

NV =

V =

None Visible

Visible

DNS =

pH =

Did Not Sample

Monitoring Type:			Blast Monito	ring				
Monitoring Point	Date Sampled	Date Data		cle Velocity π/s)	Airblas	t Overpressure (dBL)	Monitoring Frequency	Comment
		Obtained	Licence Limit	Results	Licence Limit	Results	1	
1 Florda Red Road, Wells Crossing	22-Jan-20	22-Jan-20	10	0	125	0	NA	Did not trigger

Abbreviations: mm/s =

millimeters per second NB = No Blasting

Project Name:
Environment Protection Licence No:
Premise Address:
Link to Public Register on EPA website:
Date Published:
Monitoring Data for the Month:
Reviewed by Project Environmental Manager:

W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie http://www.epa.nsw.gov.au/prpoeoapp/ 14-Mar-20 Feb-20 Yes

Monitoring Type:

Water Discharge Monitoring

Discharge /		Date Data	Turb (N1	vidity FU)	Total Suspe	ended Solids g/L)	p	рН		Grease		Comment
Monitoring Point	Date Sampled	Obtained	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Monitoring Frequency	Comment
B2460L	4/02/2020	4/02/2020	68.53	7.5	50	0.00	6.5 to 8.5	8.2	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2470L	19/02/2020	19/02/2020	68.53	10.2	50	0.00	6.5 to 8.5	7.5	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2740L	18/02/2020	18/02/2020	68.53	62.5	50	0.00	6.5 to 8.5	6.9	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2820L	19/02/2020	19/02/2020	68.53	54.1	50	0.00	6.5 to 8.5	8.1	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2930L	18/02/2020	18/02/2020	68.53	33.5	50	0.00	6.5 to 8.5	7.2	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2930L	19/02/2020	19/02/2020	68.53	32.3	50	0.00	6.5 to 8.5	7.1	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B3080L	18/02/2020	18/02/2020	68.53	26.3	50	0.00	6.5 to 8.5	6.9	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B3080L	19/02/2020	19/02/2020	68.53	24.7	50	0.00	6.5 to 8.5	7.0	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_01	19/02/2020	19/02/2020	68.53	7.2	50	0.00	6.5 to 8.5	8.3	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_01	20/02/2020	20/02/2020	68.53	19.8	50	0.00	6.5 to 8.5	8.2	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2460L	17/02/2020	17/02/2020	68.53	36.6	50	0.00	6.5 to 8.5	7.6	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_02	21/02/2020	21/02/2020	68.53	62.3	50	0.00	6.5 to 8.5	6.8	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use

B_HAW_01	28/02/2020	28/02/2020	68.53	33	50	0.00	6.5 to 8.5	7.6	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_01	26/02/2020	26/02/2020	68.53	62.8	50	0.00	6.5 to 8.5	7.6	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B3080L	27/02/2020	27/02/2020	68.53	12.2	50	0.00	6.5 to 8.5	7.4	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2930L	27/02/2020	27/02/2020	68.53	47	50	0.00	6.5 to 8.5	7.8	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2460L	29/02/2020	29/02/2020	68.53	67.1	50	0.00	6.5 to 8.5	8.0	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2470L	26/02/2020	26/02/2020	68.53	23.1	50	0.00	6.5 to 8.5	7.8	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use

mg/L = Milligrams per litre NTU = Nephelometric Turbidity Unit Not Applicable No Discharge

N/A =

ND =

NV = None Visible V = Visible Did Not Sample potential of Hydrogen

DNS =

pH =

Project Name: Environment Protection Licence No: Premise Address: Link to Public Register on EPA website: Date Published: Monitoring Data for the Month: Reviewed by Project Environmental Manager: W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie <u>http://www.epa.nsw.gov.au/prpoeoapp/</u> 14-Apr-20 Mar-20 Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring	Date Sampled	Date Data		Turbidity (NTU)		Fotal Suspended Solids (mg/L)		Η	Oil & G	rease	Monitoring Frequency	Comment
Point		Obtained	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
B2820L	4/03/2020	4/03/2020	68.53	59	50	0	6.5 to 8.5	8.2	None visible	None Visible	Special Frequency 1	
B_HAW_02	5/03/2020	5/03/2020	68.53	48	50	0	6.5 to 8.5	8.0	None visible	None Visible	Special Frequency 1	
B_HAW_02	12/03/2020	12/03/2020	68.53	59	50	0	6.5 to 8.5	7.4	None visible	None Visible	Special Frequency 1	
B_HAW_01	12/03/2020	12/03/2020	68.53	40	50	0	6.5 to 8.5	7.7	None visible	None Visible	Special Frequency 1	
B2460L	12/03/2020	12/03/2020	68.53	10	50	0	6.5 to 8.5	8.3	None visible	None Visible	Special Frequency 1	
B2470L	12/03/2020	12/03/2020	68.53	10	50	0	6.5 to 8.5	6.6	None visible	None Visible	Special Frequency 1	
B_HAW_02	19/03/2020	19/03/2020	68.53	29	50	0	6.5 to 8.5	7.4	None visible	None Visible	Special Frequency 1	
B2930L	30/03/2020	30/03/2020	68.53	12	50	0	6.5 to 8.5	8.1	None visible	None Visible	Special Frequency 1	
B_HAW_01	31/03/2020	31/03/2020	68.53	8	50	0	6.5 to 8.5	8.2	None visible	None Visible	Special Frequency 1	
B_HAW_02	31/03/2020	31/03/2020	68.53	53	50	0	6.5 to 8.5	7.7	None visible	None Visible	Special Frequency 1	

Abbreviations:

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

N/A = ND = Not Applicable

No Discharge

NV = None Visible V = Visible DNS = pH = Did Not Sample

Monitoring Type:			Blast Monitor	ing				
Monitoring Point	Date Sampled	Date Data Obtained		cle Velocity n/s)	Airblas	t Overpressure (dBL)	Monitoring Frequency	Comment
		Obtained	Licence Limit	Results	Licence Limit	Results		
1 Florda Red Road, Wells Crossing	05-Mar-20	05-Mar-20	10	0	125	0	NA	Did not trigger
Residence on Dinjeera Road (Lot 14 Residence on Dinjeera	05-Mar-20	05-Mar-20	10	0	125	0	NA	Did not trigger
Residence on Dinjeera Road (Lot 14 DP713871)	05-Mar-20	05-Mar-20	10	0	125	0	NA	Did not trigger
5645 Pacific Highway, Wells Crossing	17-Mar-20	17-Mar-20	10	0	125	0	NA	Did not trigger
Residence on Dinjeera Road (Lot 14	26-Mar-20	26-Mar-20	10	0	125	0	NA	Did not trigger

mm/s = millimeters per second NB = No Blasting

Project Name: Environment Protection Licence No: Premise Address: Link to Public Register on EPA website: Date Published: Monitoring Data for the Month: Reviewed by Project Environmental Manager: W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie <u>http://www.epa.nsw.gov.au/prpoeoapp/</u> 14-May-20 Apr-20 Yes

Monitoring Type:

Water Discharge Monitoring

Discharge /	Date Sampled	Date Data	Turb (N1	,	Total Suspended Solids (mg/L)		р	рН		rease	Monitoring Frequency	Comment
Monitoring Point		Obtained	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
B2820L	1/04/2020	1/04/2020	68.5	5.9	50	0.00	6.5 to 8.5	8.1	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B2470L	2/04/2020	2/04/2020	68.5	21.1	50	0.00	6.5 to 8.5	8.1	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B2820L	3/04/2020	3/04/2020	68.5	54	50	0.00	6.5 to 8.5	8.3	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B2820L	6/04/2020	6/04/2020	68.5	5.9	50	0.00	6.5 to 8.5	7.0	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B2460L	7/04/2020	7/04/2020	68.5	2.5	50	0.00	6.5 to 8.5	8.3	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B3080L	7/04/2020	7/04/2020	68.5	32.8	50	0.00	6.5 to 8.5	8.1	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_02	7/04/2020	7/04/2020	68.5	47.4	50	0.00	6.5 to 8.5	7.3	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_01	14/04/2020	14/04/2020	68.5	52.1	50	0.00	6.5 to 8.5	7.7	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_02	14/04/2020	14/04/2020	68.5	33.9	50	0.00	6.5 to 8.5	7.7	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B2930L	15/04/2020	15/04/2020	68.5	3.6	50	0.00	6.5 to 8.5	8.2	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B2470L	15/04/2020	15/04/2020	68.5	18.7	50	0.00	6.5 to 8.5	8.2	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B2460L	16/04/2020	16/04/2020	68.5	0.6	50	0.00	6.5 to 8.5	8.3	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use

Revision 6 April 2018

B2470L	16/04/2020	16/04/2020	68.5	8.4	50	0.00	6.5 to 8.5	8.4	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
B_HAW_02	29/04/2020	29/04/2020	68.5	35.5	50	0.00	6.5 to 8.5	8.0	None visible	NV	Special Frequency 1	NTU/TSS Correlation in use
Abbreviations: mg/L = NTU =	Milligrams per liti Nephelometric T		N/A = ND =	Not Applicable No Discharge		NV = V =	None Visible Visible		DNS = pH =	Did Not Sample potential of Hydrog	en	

Monitoring Type:

Blast Monitoring

No Blasting

NB =

Monitoring Point Date Sam	Date Sampled	Date Data Obtained	Peak Partic (mn	:le Velocity n/s)	Airblast	t Overpressure (dBL)	Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results		
5645 Pacific Highway, Wells Crossing	02-Apr-20	02-Apr-20	10	0	125	0	NA	Did not trigger
1 Florda Red Road, Wells Crossing	02-Apr-20	02-Apr-20	10	0	125	0	NA	Did not trigger
Residence on Dinjeera Road (Lot	15-Apr-20	15-Apr-20	10	0.889	125	104.9	NA	

Abbreviations:

mm/s = millimeters per second

Project Name:	W2B_2A - Wells Crossing to Glenugie
Environment Protection Licence No:	21330
Premise Address:	Pacific Highway, Glenugie
Link to Public Register on EPA website:	<u>http://www.epa.nsw.gov.au/prpoeoapp/</u>
Date Published:	14-Jun-20
Monitoring Data for the Month:	May-20
Reviewed by Project Environmental Manager:	Yes

Monitoring Type: Water Discharge Monitoring Turbidity Total Suspended Solids Oil & Grease рΗ Discharge / Monitoring Date Data (NTU) (mg/L) Date Sampled Monitoring Frequency Comment Point Obtained Licence Limit Results Licence Limit Results Licence Limit Results Licence Limit Results NTU/TSS Correlation in use 08-May-20 68.53 50 6.5 to 8.5 None visible None Visible B2740L 08-May-20 17.5 0 8.0 Special Frequency 1 NTU/TSS Correlation in use B2740L 68.53 50 0 6.5 to 8.5 8.0 None visible None Visible Special Frequency 1 12-May-20 12-May-20 16.5 B_HAW_02 12-May-20 12-May-20 68.53 43.4 50 0 6.5 to 8.5 8.2 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

NB =

No Blasting

e NV = v V = None Visible

Visible

DNS = pH = Did Not Sample potential of Hydrogen

Monitoring Type:			Blast Monitor	ring				
Monitoring Point Date Sampled	Date Sampled	Date Data Obtained	Peak Parti (mr	cle Velocity n/s)	Airblas	t Overpressure (dBL)	Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results		
Residence on Dinjeera Road (Lot 14	07-May-20	07-May-20	10	0	125	0	NA	Did not trigger
Residence on Dinjeera Road (Lot 14	07-May-20	07-May-20	10	0	125	0	NA	Did not trigger
Vells Crossing	07-May-20	07-May-20	10	0	125	0	NA	Did not trigger

Abbreviations:

mm/s = millimeters per second

Project Name:
Environment Protection Licence No:
Premise Address:
Link to Public Register on EPA website:
Date Published:
Monitoring Data for the Month:
Reviewed by Project Environmental Manager:

W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie http://www.epa.nsw.gov.au/prpoeoapp/ 14-Jul-20 Jun-20 Yes

Monitoring Type:

Water Discharge Monitoring

Discharge /	Date Data		Turbidity (NTU)		Total Suspended Solids (mg/L)		рН		Oil & Grease		Monitoring Frequency	Comment	
Monitoring Point	·	Obtained	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	5 - 5		
B2460L	2/06/2020	2/06/2020	68.53	12	50	n/a	6.5 to 8.5	8.4	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use	
B2820L	12/06/2020	12/06/2020	68.53	30	50	n/a	6.5 to 8.5	8.0	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use	
B_HAW_01	16/06/2020	16/06/2020	68.53	56	50	n/a	6.5 to 8.5	7.8	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use	
B_HAW_02	16/06/2020	16/06/2020	68.53	35	50	n/a	6.5 to 8.6	8.2	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use	
B2930L	16/06/2020	16/06/2020	68.53	21	50	n/a	6.5 to 8.7	7.9	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use	
B2930L	17/06/2020	17/06/2020	68.53	12	50	n/a	6.5 to 8.8	8.2	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use	
B2930L	26/06/2020	26/06/2020	68.53	24	50	n/a	6.5 to 8.9	8.2	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use	

Abbreviations:

mg/L = NTU =

Milligrams per litre 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 Monito	pring					
Monitoring Point	Date Sampled	Date Data Obtained		cle Velocity n/s)	Airblas	t Overpressure (dBL)	Monitoring Frequency	Comment	
		Oblained	Licence Limit	Results	Licence Limit	Results			
NB									

mm/s =
millimeters per second
NB =
No Blasting

dBL =
decibel level

<td

Moni	Monitoring Type: Discharge to Land (general)												
Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Aluminium - dissolved (mg/L)		Conductiv ity (µS/cm)		Iron - dissolved (mg/L)		рН		Monitoring Frequency	Comment	
IVIO	Monitoring Point		Oblained	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND													
Abbre	viations:												

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

Monitoring Type Discharge /	Date Sampled	Date Data Obtained	Aluminium	Discharge to - dissolved g/L)	Conductivity (µS/cm) Iron - dissolved (mg/L)			Oil & Grease		рН		Monitoring Frequency	Comment	
Monitoring Point	·		Licence Limit	Results	Licence Limit	Results	Licence	Results	Licence Limit	Results	Licence	Results		
ND														
Abbreviations:														

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



Project Name:	W2B_2A - Wells Crossing to Glenugie
Environment Protection Licence No:	21330
Premise Address:	Pacific Highway, Glenugie
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 Total Suspended Solids Turbidity pН Oil & Grease (NTU) Discharge / Monitoring Date Data (mg/L) Date Sampled Monitoring Frequency Comment Point Obtained Licence Licence Licence Results Results Results Licence Limit Results Limit Limit Limit B2820L 12-Aug-20 12-Aug-20 69 27 50 DNS 6.5 to 8.5 7.2 None visible None visible Special Frequency 1 NTU/TSS Correlation in use B_HAW_02 12-Aug-20 12-Aug-20 69 30 50 DNS 6.5 to 8.5 7.1 None visible None visible Special Frequency 1 NTU/TSS Correlation in use B_HAW_02 18-Aug-20 18-Aug-20 69 50 DNS 6.5 to 8.5 7.0 None visible None visible Special Frequency 1 NTU/TSS Correlation in use 41 B2930L 19-Aug-20 19-Aug-20 69 53 50 DNS 6.5 to 8.5 7.1 None visible None visible Special Frequency 1 NTU/TSS Correlation in use NTU/TSS Correlation in use 19-Aug-20 19-Aug-20 69 50 DNS 6.5 to 8.5 None visible None visible Special Frequency 1 B2460L 10 8.4 69 50 DNS Special Frequency 1 NTU/TSS Correlation in use B2470L 19-Aug-20 19-Aug-20 4 6.5 to 8.6 8.3 None visible None visible

Abbreviations:

mg/L =	Milligrams per litre	N/A =	Not Applicable	NV =	None Visible
NTU =	Nephelometric Turbidity Unit	ND =	No Discharge	V =	Visible

Did Not Sample

potential of Hydrogen

DNS =

pH =

Monitoring Type	:		Blast Monit	oring						
Monitoring Point	Date Sampled	Date Data Obtained	Peak Partic (mr	:le Velocity n/s)	Airblas	t Overpressure (dBL)	Monitoring Frequency	Comment		
		Oblamed	Licence Limit	Results	Licence Limit	Results				
NB				NB		NB		NB		

mm/s = NB = No Blasting millimeters per second

dBL = decibel level

Monitoring Type: Discharge to Land (general) Aluminium - dissolved Conductivity (µS/cm) Iron - dissolved (mg/L) pН Discharge / Monitoring Date Data (mg/L) Date Sampled Monitoring Frequency Comment Point Obtained Licence Licence Licence Results Results Results Results Licence Limit Limit Limit Limit ND ND ND ND ND ND NB

Abbreviations:

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

Monitoring Type:

Discharge to Land (from acid sulphate soil treatment areas)

NV =

V =

Visible

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

Abbreviations:

mg/L =

µS/cm =

Milligrams per litre	N/A =	Not Applicable
Microsiemens per centimetre	ND =	No Discharge

None Visible

DNS =

pH =

Did Not Sample potential of Hydrogen



Project Name: Environment Protection Licence No: Premise Address: Link to Public Register on EPA website: Date Published: Monitoring Data for the Month: Reviewed by Project Environmental Manager: W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie <u>http://www.epa.nsw.gov.au/prpoeoapp/</u> 14-Oct-20 Sep-20 Yes

Monitoring Type: Water Discharge Monitoring

Discharge / Monitoring	Date Sampled	Date Data		bidity FU)	· · ·	nded Solids J/L)	pl	ł	Oil & Gi	ease	Monitoring Frequency	Comment
Point		Oblameu	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
B_HAW_02	16/09/2020	16/09/2020	69	52	50	DNS	6.5 to 8.5	7.4	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use
B2740L	22/09/2020	22/09/2020	69	39	50	DNS	6.5 to 8.5	7.8	None visible	None Visible	Special Frequency 1	NTU/TSS Correlation in use

Did Not Sample potential of Hydrogen

Abbreviations:

mg/L =	Milligrams per litre	N/A =	Not Applicable	NV =	None Visible	DNS =	I
NTU =	Nephelometric Turbidity Unit	ND =	No Discharge	V =	Visible	pH =	I

_	Monitoring Type:			Blast Monitor	ing					
	Monitoring Point	Date Sampled	Date Data Obtained	Peak Partio (mr	cle Velocity n/s)	Airbla:	st Overpressure (dBL)	Monitoring Frequency	Comment	
			oblamed	Licence Limit	Results	Licence Limit	Results			
	NB				NB		NB	NB	NB	

Abbreviations:

mm/s = millimeters per second NB = No Blasting

$\frac{1}{2} \sum_{\substack{\text{Discharge}/Monitoring}\\\text{Point}} \sum_{\substack{\text{Date Sampled}\\\text{Obtained}}} \sum_{\substack{\text{Date Data}\\\text{Obtained}}} \frac{Auminium-dissolved}{(mg/L)} Conductiv(\muS/cm) Iron-dissolved (mg/L) \mu + \mu$	Monitoring Type:			Discharge to	Land (general)						
Licence Limit Results		Date Sampled			Conductivi	ty (µS/cm)	lron - dissol	ved (mg/L)	p⊦			Comment
	FOIIIT		Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
	ND			ND		ND		ND		ND	ND	ND

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

Monitoring Type:

Discharge to Land (from acid sulphate soil treatment areas)

Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Aluminium (mə	- dissolved g/L)	Conductivi	ty (µS/cm)	lron - dissol	ved (mg/L)	Oil & Gi	rease	p	Ŧ	Monitoring Frequency	Comment
Point		Oblameu	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND				ND		ND		ND		ND		ND	ND	

Abbreviations:

mg/L =	Milligrams per litre	N/A =
µS/cm =	Microsiemens per centimetre	ND =

N/A = Not Applicable ND = No Discharge NV = None Visible V = Visible DNS = Did Not Sample

pH = potential of Hydrogen



Project Name: Environment Protection Licence No: Premise Address: Link to Public Register on EPA website: Date Published: Monitoring Data for the Month: Reviewed by Project Environmental Manager: W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie <u>http://www.epa.nsw.gov.au/prpoeoapp/</u> 14-Nov-20 Oct-20 Yes

Monitoring Type:

Water Discharge Monitoring

No Blasting

Discharge /	Date Sampled	Date Data	Turb (NT	idity ⁻U)	Total Suspended Solids (mg/L) pH Oil & Grease		rease	Monitoring Frequency	Comment			
Monitoring Point		Obtained	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
B3080L	29/10/2020	29/10/2020	68.53	22.1	50	0.00	6.5 to 8.5	8.3	None visible	NV	cial Frequency 1	NTU/TSS Correlation in use

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

_	Monitoring Type:			Blast Monito	ring				
	Monitoring Point	Date Sampled	Date Data Obtained	Peak Partic (mr	:le Velocity n/s)	Airblas	t Overpressure (dBL)	Monitoring Frequency	Comment
			Oblamed	Licence Limit Results		Licence Limit	Results		
	NB				NB		NB		

Abbreviations:

mm/s = millimeters per second NB =

dBL = decibel level

Address: 55 Harrington Street The Rocks, Sydney NSW 2000

Monitoring Type	9:			Discharge t	to Land (gen	eral)						
Discharge / Monitoring Point	Date Sampled	Date Data Obtained		Aluminium - dissolved (mg/L)				lron - dissolved (mg/L)		4	Monitoring Frequency	Comment
		Oblaineu	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND				ND		ND		ND		ND		

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

Monitoring Type:

Discharge to Land (from acid sulphate soil treatment areas)

Discharge / Monitoring Point Date Sampled	Date Sampled	d Date Data Obtained	(IIIg/L)		Conductivity (µS/cm)		lron - dissolved (mg/L)		Oil & Grease		рН		Monitoring Frequency	Comment
			Licence Limit	Results	Licence	Results	Licence Limit	Results	Licence Limit	Results	Licence	Results		
ND				ND		ND		ND	None Visible	None Visible		ND		

DNS =

pH =

Abbreviations:

mg/L =

µS/cm=

Milligrams per litre

N/A = Microsiemens per centimetre ND =

Not Applicable

No Discharge

NV = V =

None Visible

Visible

Did Not Sample potential of Hydrogen



Project Name:
Environment Protection Licence No:
Premise Address:
Link to Public Register on EPA website:
Date Published:
Monitoring Data for the Month:
Reviewed by Project Environmental Manager:

W2B_2A - Wells Crossing to Glenugie 21330 Pacific Highway, Glenugie <u>http://www.epa.nsw.gov.au/prpoeoapp/</u> 14-Dec-20 Dec-20 Yes

Monitoring Type:

Water Discharge Monitoring

Discharge / Monitoring Point	Date Sampled	Date Data		bidity TU)	Total Suspended Solids (mg/L) Dil & Grease Monitoring Frequ		Monitoring Frequency	Comment					
Monitoring Point		Obtained	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results			
BHAW01	23/12/2020	23/12/2020	68.53	56.4	50	0.00	6.5 to 8.5	7.4	None visible	None Visible	ecial Frequency 1	NTU/TSS Correlation in use	
BHAW02	22/12/2020	22/12/2020	68.53	67.2	50	0.00	6.5 to 8.5	6.8	None visible	None visible	ecial Frequency 1	NTU/TSS Correlation in use	

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

Monitoring	Туре:			Blast Monito	oring				
Monitoring F	Monitoring Point Date S		Date Data Obtained		cle Velocity n/s)	Airblas	st Overpressure (dBL)	Monitoring Frequency	Comment
			oblamod	Licence Limit	Results	Licence Limit	Results		
NB									

Monitoring Type:

mm/s = millimeters per second NB = No Blasting

dBL = decibel level

Discharge to Land (general)

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

Abbreviations:

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

Monitoring Type:				Discharge to	o Land (from	n acid suipna	te soli treatr							
Discharge / Monitoring Point	Date Sampled	Date Data Obtained	Aluminium - dissolved (mg/L)		Conductivity (µS/cm)		Iron - dissolved (mg/L)		Oil & Grease		pН		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
ND														

Monitoring Type:

Discharge to Land (from sold sulphate soil treatment areas)

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