# Warrah Ridge Quarry - Environment Protection Licence 20075

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Licensee Name:Liverpool Plains ShireCouncilLicensee Address:PO Box 152 Quirindi NSW 2343Warrah Ridge Quarry Address:349 Warrah Ridge Road, Quirindi NSW 2343



#### Warrah Ridge Quarry - EPL 20075 - Yearly Summaries

#### Point 1 Yearly Summary 2017/18

(Note that monitoring frequency is quarterly or less, so only a yearly summary will be meaningful)

Pollutant	Units	90 percentile concentration limit	100 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median	Exceedences (yes/no)	Count of concentration limit exceedances	Exceedance acceptable limit
Total Suspended Solids	mg/L	50	-	Quarterly	1	24	24	24	24	no	0	1
рН	pH Value	-	6.5-8.5	Quarterly	1	7.70	7.70	7.70	7.70	no	0	0

#### Point 1 Yearly Summary 2019/20

(Note that monitoring frequency is quarterly or less, so only a yearly summary will be meaningful)

Pollutant	Units	90 percentile concentration limit	100 percentile concentration limit	Monitoring frequency required by the Licence	points for the	Minimum value	Maximum value	Mean	Median	Exceedences (yes/no)	Count of concentration limit exceedances	Exceedance acceptable limit
Total Suspended Solids	mg/L	50	-	Quarterly	2	12	28	20	20	no	0	1
рН	pH Value	-	6.5-8.5	Quarterly	2	7.00	7.20	7.10	7.10	no	0	0

#### Point 2 Yearly Summary 2017/18

(Note that monitoring frequency is quarterly or less, so only a yearly summary will be meaningful)

Pollutant	Units	90 percentile concentration limit	100 percentile concentration limit	Monitoring frequency required by the Licence	Number of data points for the year	Minimum value	Maximum value	Mean	Median	Exceedences (yes/no)	Count of concentration limit exceedances	Exceedance acceptable limit
Total Suspended Solids	mg/L	50	-	Quarterly	0	0	0	#DIV/0!	#NUM!	no	0	0

# Warrah Ridge Quarry - Monitoring Point 1

Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date Published	Total Suspended Solids	рН	Comments
				mg/L	pH Value	
29/01/2016	04/02/2016	160203	05/06/2018	275	6.90	
23/06/2016	24/06/2016	161284	05/06/2018	159	7.10	
18/12/2017	21/12/2017	172746	05/06/2018	24	7.70	
18/03/2018				-	-	Dam dry - no sample required
18/06/2018						Dam dry - no sample required
18/09/2018						Dam dry - no sample required
01/10/2019						Dam dry - no sample required
01/01/2020						Dam dry - no sample required
25/08/2020		229604	08/09/2020	12	7.00	
13/10/2020	21/10/2020	232439		28	7.20	
09/02/2021	24/02/2021	239455	26/02/2021	17	7.40	
23/03/2021	30/03/2021	241793	30/03/2021	35	7.20	Heavy rainfall event. Pollution reported to EPA
16/07/2021	24/07/2021	248429	27/07/2021	23	7.20	
20/09/2021	01/10/2021	251734	05/10/2021	15	7.20	
22/11/2021	01/12/2021	254880	03/12/2021	120	7.00	
15/03/2022	22/03/2022	261022	23/02/2022	42	7.10	
21/06/2022	29/06/2022	266557	04/07/2022	10	6.80	
16/08/2022	27/08/2022	269990	29/08/2022	22	7.20	

# Warrah Ridge Quarry - Monitoring Point 2

Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date Published	Total Suspended Solids	рН	Comments
				mg/L	pH Value	
						No flow recorded at this point
23/03/2021	30/03/2021	241793	30/03/2021	56	7.50	No flow recorded at this point Heavy rainfall event. Pollution reported to EPA
02/11/2022	11/11/2022	274054	14/11/2022	290	7.00	

# Warrah Ridge Quarry - Monitoring Point 3

Date Sampled	Date Results Report Obtained	Laboratory Report No.	Date Published	Total Suspended Solids	рН	Comments
				mg/L	pH Value	
						No flow recorded at this point
23/03/2021	30/03/2021	241793	30/03/2021	41	6.70	Heavy rainfall event. Pollution reported to EPA No flow recorded at this point
06/07/2021	15/07/2021	247922	15/07/2021	20	7.10	No flow recorded at this point
16/07/2021	24/07/2021	248429	27/07/2021	110	6.70	
22/11/2021	01/12/2021	254880	03/12/2021	51	6.60	
02/11/2022	11/11/2022	274054	14/11/2022	42	7.00	

# Warrah Ridge Quarry - Corrections Log

Licence Monitoring Point	Sample Date	Pollutant	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason