

**EPA Licence Number:** L2014

**Licensee Name:** Boral CSR Bricks Pty Ltd

**Licensee Address:** 75 Townson Road,  
Schofields, NSW, 2762

**Link to Licence:** <http://www.environment>

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Exceedance / Non-ComplianceTable

Date Corrected	Reason	Extent of Exceedance	Reason / Context
			Data excluded as known to be incorrect from mass balance - Retested on the 16th May, 2012
			Not tested
		30.00%	Recent Licence variation (30/04/12) introduced a new reference condition of 3% O2 for all stack measurements. Discussions underway with EPA to change this through a licence variation as the site was incorrectly allocated to Group 6 from Group 4.
			Not tested

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**Link to Licence:** <https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DischargeToAir=All>  
**Type of Discharge Point:** emissions monitoring  
**Sampling Point Description:** Exhaust stack of the dry scrubber serving the brick kiln marked "1"  
**Monitoring Frequency Required:** Yearly

Limit	50	200	100	Dry, 273K, 101.3 kPa, 15% O <sub>2</sub>
Desription	Hydrogen Fluoride (mg/m3)	Nitrogen Oxides (mg/m3)	Total Solid Particles (mg/m3)	Comment
Point 1	17	110	23	
Point 1	6.4	25	10	
Point 1	18	76	26	
Point 1				
Point 1	12	130	30	
Point 1	42	90	10	
Point 1	30	130		
Point 1	12	120	31	Report RO10884
Point 1	13	180	11	Report RO13045

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Stack A" on map titled "PGH Scholfields Quarry Existing Contours" submitted to the EPA with Licence

2 corr, 1 hour block			2 July to 1 July
Date Sampled	Date Obtained	Date Published	Annual Return Year
3/3/2015	4/1/2015		2015
2/24/2016	3/22/2016		2016
2/15/2017	6/8/2017		2017
			2018
6/21/2019	7/17/2019		2019
6/12/2020	7/10/2020		2020
8/17/2020	8/24/2020		2021
5/28/2021	7/5/2021		2021
6/28/2022	7/21/2022		2022

Information Form dated 30/06/99

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**Type of Discharge Point:** Discharge to utilisation area  
**Sampling Point Description:** Lawn garden in the south east corner of the premises as shown on  
**Monitoring Frequency Required:** Every 3 months

Limit	6-8	30	20	2
Description	pH	TSS (mg/L)	BOD (mg/L)	Chlorine (free residual) (mg/L)

Monitored at point 3

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drawing submitted to the EPA with letter dated 11/04/00

200					2 July to 1 July
Faecal Coliforms (CFU/100 mL)	Comment	Date Sampled	Date Obtained	Date Published	Annual Return Year

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	BOD	mg/L	Quarterly	<2	20	no	17/12/13	30/12/13	22/01/14			
	Chlorine (free residual)	mg/L	Quarterly	1.2	2	no	17/12/13	30/12/13	22/01/14			
	TSS	mg/L	Quarterly	9	30	no	17/12/13	30/12/13	22/01/14			
	pH	pH	Quarterly	7.64	6 to 8	no	17/12/13	30/12/13	22/01/14			
	Faecal Coliforms	units per 100 ml	Quarterly	<1	200	no	17/12/13	30/12/13	22/01/14			
	Volume/day	kL/day	Monthly	2.8	50	no	30/12/14	30/12/14				
	BOD	mg/L	Quarterly	<2	20	no	12/03/14	19/03/14	14/04/14			
	Chlorine (free residual)	mg/L	Quarterly	0.8	2	no	12/03/14	19/03/14	14/04/14			
	TSS	mg/L	Quarterly	6	30	no	12/03/14	19/03/14	14/04/14			
	pH	pH	Quarterly	7.13	6 to 8	no	12/03/14	19/03/14	14/04/14			
	Faecal Coliforms	units per 100 ml	Quarterly	<1	200	no	12/03/14	19/03/14	14/04/14			





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**Type of Discharge Point:** Effluent quality and quantity monitoring  
**Sampling Point Description:** Irrigation line from Envirocycle system as shown on drawing subn  
**Monitoring Frequency Required:** Every 3 months

Limit	20	2	30	6-8
Description	BOD (mg/l)	Chlorine (free residual) (mg/l)	TSS (mg/l)	pH
Point 3	13	0.1	14	7.26
Point 3	<2	0.3	160	7.60
Point 3	4	0.9	21	7.45
Point 3	<2	0.3	42	7.77
Point 3	<2	1.2	9	7.64
Point 3	<2	0.8	6	7.13
Point 3	<2	0.5	6	7.46
Number of Samples	4	4	4	4
Lowest Sample	<2	0.3	6	7.13
Mean of Sample	<2	0.7	15.75	7.5
Highest Sample	<2	1.2	42	7.77
Point 3	<2	0.51	7	7.52
Point 3	<2	0.93	8	7.62
Point 3	<2	1.82	12	7.47
Point 3	<2	1.07	5	7.34
Number of Samples	4	4	4	4
Lowest Sample	<2	0.51	5	7.34
Mean of Sample	<2	1.08	8	7.4875
Highest Sample	<2	1.82	12	7.62
Point 3	28	0	6	7.87
Point 3	80	0.63	28	7.72
Point 3	<2	2.4	<5	7.73
Point 3	<2	0.06	<5	7.38
Point 3	<2	<0.2	8	7.38
Number of Samples	5	5	5	5
Lowest Sample	0	0	0	7.38
Mean of Sample	21.6	0.618	8.4	7.616
Highest Sample	80	2.4	28	7.87
Point 3	<2	0.4	19	7.7
Point 3	<2	0.11	28	7.8
Point 3	<2	0.3	22	7.2
Number of Samples	3	3	3	3
Lowest Sample	0	0.11	19	7.24
Mean of Sample	0	0.27	23	7.553333333333333
Highest Sample	0	0.4	28	7.77
Point 3	<2	0.11	28	7.77

Point 3	6	0.22	23	7.51
Point 3	10	1	14	7.2
Point 3	<2	0.61	7	7.79
Point 3	<2	0.16	17	7.88
Number of Samples	5	5	5	5
Lowest Sample	0	0.11	7	7.2
Mean of Sample	3.2	0.42	17.8	7.63
Highest Sample	10	1	28	7.88
Point 3	<2	0.49	<5	7.65
Point 3	<2	0.01	4.7	7.55
Point 3	<2	0.45	13	7.3
Number of Samples	3	3	3	3
Lowest Sample	0	0.01	0	7.3
Mean of Sample	0	0.316666666667	5.9	7.5
Highest Sample	0	0.49	13	7.65
Point 3	12	1	7	7.5
Point 3	7	1	14	7.7
Point 3	<2	1	19	7.4
Point 3	4	1	12	7.4
Number of Samples	4	4	4	4
Lowest Sample	0	1	7	7.4
Mean of Sample	5.75	1	13	7.5
Highest Sample	12	1	19	7.7
Point 3	2	1	3	7.6
Point 3	5	1	27	7.3
Point 3	2	1	2	7.4
Number of Samples	3	3	3	3
Lowest Sample	2	1	2	7.3
Mean of Sample	3	1	10.67	7.43
Highest Sample	5	1	27	7.6
Point 3	2	1	4	7.4
Point 3	3	1	28	7.4
Point 3	2	0.1	28	7.5
Point 3	8	1	24	7.3
Number of Samples	4	4	4	4
Lowest Sample	2	0.1	4	7.3
Mean of Sample	3.75	0.78	21	7.4
Highest Sample	8	1	28	7.5

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nitted as an attachment to letter dated 20 July 2001

200					
Faecal Coliforms (CFU/100ml)	Volume (kl/d)	Comments	Date Sampled	Date Obtained	Date Published
2,600	3		22/05/12	30/05/12	30/06/12
<2	2.9		20/06/12	29/06/12	6/07/12
20	2.7		6/06/13	13/06/13	29/07/13
~5	3.1		9/09/13	23/09/13	25/09/13
<1	2.8		17/12/13	30/12/13	22/01/14
<1	3.6		12/03/14	19/03/14	14/04/14
1	2.9		4/06/14	25/06/14	
4	4				
<1	2.8				
1	3.1				
5	3.6				
2	3		9/09/14	17/09/14	
<2	3.3		12/12/14	6/01/15	
<2	1.8		5/03/15	13/03/15	
2	4.1		16/06/15	23/06/15	
4	4				
<2	1.8				
2	3.05				
2	4.1				
2100	5		15/09/15	21/09/15	
<2	NA		13/11/15	20/11/15	
<1	2.4		15/12/15	23/12/15	
<1	1.4		15/03/16	22/03/16	
<1	3.8		15/06/16	23/06/16	
5	5				
0	0				
420	2.52				
2100	5				
<2	4.9		15/09/16	21/09/16	
<2	3		15/12/16	10/01/18	
2	4		3/04/17	10/04/17	
3	3				
0	3				
0.666666666667	3.966666666667				
2	4.9				
<2	4		7/26/2017	8/1/2017	

<10	4		9/28/2017	9/29/2017	
50	4.8		12/12/2017	12/13/2017	
<2	4.8		3/15/2018	3/22/2018	
<2	4.8		6/20/2018	6/27/2018	
5	5				
0	4				
10	4.48				
50	4.8				
<2	4.8		2/13/2018	12/19/2018	
<2	4.8		3/13/2019	3/19/2019	
<10	4.8		5/23/2019	5/25/2019	
3	3				
0	4.8				
0	4.8				
0	4.8				
<10	4.8		8/21/2019	9/5/2019	
<1	4.8		11/26/2019	12/9/2019	
<10	4.8		3/26/2020	3/27/2020	
<10	4.8		5/18/2020	5/19/2020	
4	4				
0	4.8				
0	4.8				
0	4.8				
<1	4.8		9/1/2020	9/2/2020	
<1	4.8		12/4/2020	12/5/2020	
90	4.8		2/8/2021	2/9/2021	
3	3				
0	4.8				
30	4.8				
90	4.8				
51	4.8		7/6/2021	7/7/2021	
61	4		1/15/2022	1/16/2022	
10	4.6		4/14/2022	2/15/2022	
15	4.8		6/20/2022	6/21/2022	
4	4				
10	4				
34.25	4.55				
61	4.8				

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CORRECTION LOG

Sampling Point	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)	Date Sampled	Date Obtained	Date Published	Corrected Data
Point 4	pH	pH	Daily during any discharge	7.9	6-8	no	19/02/14	21/02/14	11/03/14	
Schofields Clay Quarry Location of Discharge Point	TSS	mg/L	Daily during any discharge	23	50	no	19/02/14	21/02/14	11/03/14	
	Volume	L	Daily during any discharge		NA	NA	19/02/14		NA	
	pH	pH	Daily during any discharge	8	6-8	no	20/02/14	21/02/14	11/03/14	
	TSS	mg/L	Daily during any discharge	29	50	no	20/02/14	21/02/14	11/03/14	
	Volume	L	Daily during any discharge		NA	NA	20/02/14		NA	
	pH	pH	Daily during any discharge	7.9	6-8	no	21/02/14	26/02/14	11/03/14	
	TSS	mg/L	Daily during any discharge	7	50	no	21/02/14	26/02/14	11/03/14	
	Volume	L	Daily during any discharge		NA	NA	21/02/14		NA	
	pH	pH	Daily during any discharge	7.7	6-8	no	22/02/14	26/02/14	11/03/14	
	TSS	mg/L	Daily during any discharge	5	50	no	22/02/14	26/02/14	11/03/14	
	Volume	L	Daily during any discharge		NA	NA	22/02/14		NA	
	pH	pH	Daily during any discharge	7.9	6-8	no	24/02/14	26/02/14	11/03/14	
	TSS	mg/L	Daily during any discharge	6	50	no	24/02/14	26/02/14	11/03/14	
	Volume	L	Daily during any discharge		NA	NA	24/02/14		NA	
	pH	pH	Daily during any discharge	8	6-8	no	25/02/14	26/02/14	11/03/14	
	TSS	mg/L	Daily during any discharge	5	50	no	25/02/14	26/02/14	11/03/14	
	Volume	L	Daily during any discharge		NA	NA	25/02/14		NA	
	pH	pH	Daily during any discharge	7.6	6-8	no	19/03/14	10/04/14		
	TSS	mg/L	Daily during any discharge	3	50	no	19/03/14	10/04/14		
	Volume	L	Daily during any discharge		NA	NA	19/03/14			
	pH	pH	Daily during any discharge	7.9	6-8	no	20/03/14	10/04/14		
	TSS	mg/L	Daily during any discharge	2	50	no	20/03/14	10/04/14		
	Volume	L	Daily during any discharge		NA	NA	20/03/14			
	pH	pH	Daily during any discharge	7.8	6-8	no	21/03/14	10/04/14		

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**Type of Discharge Point:** Discharge to water and monitoring  
**Sampling Point Description:** "Schofields Clay Quarry Location of Discharge Point" as  
**Monitoring Frequency Required:** Daily during any discharge

Limit	6-8	50	NA
Description	pH	TSS (mg/L)	Volume (ML)
Point 4	7.9	23	
Point 4	8	29	
Point 4	7.9	7	
Point 4	7.7	5	
Point 4	7.9	6	
Point 4	8	5	
Point 4	7.6	3	
Point 4	7.9	2	
Point 4	7.8	2	
Point 4	8.1	91	
Point 4	7.8	57	
Point 4	7.8	3	
Point 4	7.7	6	
Point 4	7.8	12	
Point 4	7.7	11	672000
Point 4	7.7	6	124200
Point 4	7.7	3	840000
Point 4	7.3	3	840000
Point 4	7.5	14	840000
Point 4	7.1	4	840000
Point 4	6.2	2	840000
Point 4	6.2	4	840000
Point 4	5.5	2	200000
Point 4	6.6	2	1,170,000
Point 4	6.5	1	624000
Point 4	6.8	2	1296000
Point 4	6.7	2	780000
Point 4	7	3	702000
Point 4	6.7	24	546000
Point 4	7.2	5	624000
Point 4	7.2	3	624000
Point 4	7.8	23	0
Point 4	7.1	56	0
Point 4	7.3	NA	0
Point 4	7.3	NA	0
Point 4	7.1	NA	0
Point 4	7.2	19	1320000
Point 4	7.2	24	1320000



Point 4	7.3	34	1188000
Point 4	7.3	49	48000
Point 4	7.1	7	1248000
Point 4	7.3	5	1872000
Point 4	7.4	5	2160000
Point 4	7.6	18	0
Point 4	7.8	24	936000
Point 4	7.4	5	1248000
Point 4	7.4	5	0
Point 4	6.8	28	780000
Point 4	7.7	35	2376000
Point 4	7.3	42	1716000
Point 4	7.3	38	1716000
Point 4	7.3	28	0
Point 4	6.7	37	468000
Point 4	7.3	8	0
Point 4	7.2	38	468000
Point 4	7.2	8	0
Point 4	7.4	41	858000
Point 4	6.8	37	1248000
Point 4	7.2	29	1,248,000
Point 4	7.1	3	624000
Point 4	7.7	42	2,160,000
Point 4	7.5	10	624,000
Point 4	7	1	1,512,000
Point 4	7.4	14	1,512,000
Point 4	7.7	9	2,376,000
Point 4	7.7	38	0
Point 4	7.4	21	2,592,000
Point 4	7.6	29	2,376,000
Point 4	7.6	42	2,160,000
Point 4	7.7	44	2,880,000
Point 4	7.4	24	3,600,000
Point 4	7.8	43	0
Point 4	7.4	27	3,600,000
Point 4	7.4	26	0
Point 4	7.7	16	0
Point 4	7.8	33	2,400,000
Point 4	7.3	40	2,600,000
Number of Samples	77	77	63
Lowest Sample	5.5	0	0
Mean of Sample	7.3	21.2	1103703.7
Highest Sample	8.1	91	3600000
Point 4	7.8	17	2,800,000
Point 4	7.2	16	2,800,000
Point 4	7.3	4	4,000,000
Point 4	6.8	41	2,880,000
Point 4	7.3	12	864,000

Point 4	6.7	11	2,000,000
Point 4	6.8	6	3,380,000
<b>Number of Samples</b>	<b>7</b>	<b>7</b>	<b>7</b>
<b>Lowest Sample</b>	<b>6.7</b>	<b>4</b>	<b>864000</b>
<b>Mean of Sample</b>	<b>7.1</b>	<b>15.3</b>	<b>2674857.1</b>
<b>Highest Sample</b>	<b>7.8</b>	<b>41</b>	<b>4000000</b>
Point 4	7.5	47	
Point 4	7.7	19	
Point 4	6.2	13	
Point 4	7	34	
Point 4	6.5	28	
Point 4	7.4	24	
Point 4	6.5	8	
Point 4	6.5	11	
Point 4	7.4	31	
Point 4	6.7	13	
Point 4	7	27	
Point 4	6.5	35	
Point 4	7.1	13	
Point 4	7	21	
Point 4	7.3	18	
Point 4	7.2	16	
Point 4	7.1	5	
Point 4	7.1	8	
Point 4	7.1	9	
Point 4	6.9	6	
Point 4	6.8	11	
Point 4	7.5	11	
Point 4	6.7	3	
Point 4	6.7	8	
Point 4	6.8	8	
Point 4	6.6	2	
Point 4	7	8	
Point 4	7.2	14	
Point 4	6.7	8	
Point 4	6.7	5	
<b>Number of Samples</b>	<b>30</b>	<b>30</b>	<b>0</b>
<b>Lowest Sample</b>	<b>6.2</b>	<b>2</b>	<b>0</b>
<b>Mean of Sample</b>	<b>6.9</b>	<b>15.5</b>	<b>#DIV/0!</b>
<b>Highest Sample</b>	<b>7.7</b>	<b>47</b>	<b>0</b>
Point 4	6.8	4	
Point 4	6.7	5	
Point 4	7.3	6	
Point 4	7.2	9	
Point 4	6.4	6	
Point 4	6.9	13	
Point 4	6.7	10	
Point 4	6.8	17	

Point 4	7.3	38	
Point 4	6.5	24	
Number of Samples	10	10	0
Lowest Sample	6.4	4	0
Mean of Sample	6.9	13.2	#DIV/0!
Highest Sample	7.3	38	0
Point 4	7.5	21	
Point 4	7.17	25	
Point 4	6.2	25	
Point 4	7.0	23	
Point 4	6.9	10	
Point 4	7.1	36	
Point 4	7.2	8	
Point 4	7.9	7	
Number of Samples	8	8	
Lowest Sample	6.2	7	
Mean of Sample	7.0	19.4	
Highest Sample	7.9	36	
Point 4	7.2	3	
Point 4	7	<2	
Point 4	7	<2	
Point 4	7.6	3	
Point 4	7.1	7	
Point 4	7.3	13	
Point 4	7.4	4	
Number of Samples	7	7	0
Lowest Sample	7	0	
Mean of Sample	7.2	4.3	
Highest Sample	7.6	13	
Point 4	7.5	2	3.2
Point 4	7.6	<2	3.2
Point 4	7.0	3	3.2
Point 4	7.0	3	3.2
Point 4	7.0	3	3.2
Point 4	7.1	<2	3.2
Point 4	6.7	<2	3.2
Point 4	7.2	32	3.2
Point 4	7.3	13	3.2
Point 4	7.1	21	3.2
Point 4	7.2	6	3.2
Point 4	7.2	25	3.2
Point 4	7.5	15	3.2
Point 4	6.8	3	3.2
Point 4	6.9	5	3.2
Point 4	6.8	2	3.2
Point 4	7.2	5	3.2
Number of Samples	17	17	17
Lowest Sample	6.7	0	3.2

Mean of Sample	7.1	8.1	3.2
Highest Sample	7.6	32	3.2
Point 4	7.2	4	3.2
Point 4	7.2	4	3.2
Point 4	7.1	7	3.2
Point 4	7.7	5	3.2
Point 4	7.6	15	3.2
Point 4	7.4	16	3.2
Point 4	7.3	10	3.2
Point 4	7.3	8	3.2
Point 4	7.3	5	3.2
Point 4	7.4	18	3.2
Point 4	7.3	10	3.2
Point 4	7.5	17	3.2
Number of Samples	12	12	12
Lowest Sample	7.1	4	3.2
Mean of Sample	7.4	9.9	3.2
Highest Sample	7.7	18	3.2
Point 4			
Point 4			
Number of Samples	10	10	10
Lowest Sample	7.1	4	3.2
Mean of Sample	7.8	11.2	4.1
Highest Sample	12	18	12

<nce.aspx?DOCID=244850&SYSUID=1&LICID=2014>

shown in figure three submitted by CSR Building Products Ltd on 20 Nov.2012 to the EPA along with a lice

				02 July - 01 July
Comments	Date Sampled	Date Obtained	Date Published	Annual Return Year
	19/02/14	21/02/14	11/03/14	
	20/02/14	21/02/14	11/03/14	
	21/02/14	26/02/14	11/03/14	
	22/02/14	26/02/14	11/03/14	
	24/02/14	26/02/14	11/03/14	
	25/02/14	26/02/14	11/03/14	
	19/03/14	10/04/14		
	20/03/14	10/04/14		
	21/03/14	10/04/14		
	25/03/14	7/04/14	14/04/14	
	26/03/14	7/04/14	14/04/14	
	28/03/14	7/04/14	14/04/14	
	31/03/14	7/04/14	14/04/14	
	1/04/14	7/04/14	14/04/14	
	29/04/14	5/05/14		
	30/04/14	5/05/14		
	1/05/14	5/05/14		
	2/05/14	2/05/14		
	5/05/14	5/05/14		
	6/05/14	6/05/14		
	7/05/14	14/05/14		
	8/05/14	14/05/14	15/03/14	
	13/05/14	14/05/14	15/03/14	
	16/07/14	18/07/14		2015
	17/07/14	18/07/14		2015
	17/07/14	18/07/14		2015
	18/07/14	21/07/14		2015
	18/07/14	21/07/14		2015
	23/07/14	24/07/14		2015
	24/07/14	25/07/14		2015
	25/07/14	28/07/14		2015
	25/08/14	26/08/14		2015
	25/08/14	26/08/14		2015
	27/08/14	1/09/14		2015
	27/08/14	1/09/14		2015
	26/08/14	1/09/14		2015
	25/08/14	26/08/14		2015
	8/09/14	10/09/14		2015

	9/09/14	10/09/14		2015
	10/09/14	10/09/14		2015
	23/09/14	24/09/14		2015
	24/09/14	21/10/14		2015
	29/09/14	21/10/14		2015
	20/10/14	21/10/14		2015
	20/10/14	21/10/14		2015
	21/10/14	22/10/14		2015
	22/10/14	23/10/14		2015
	22/10/14	23/10/14		2015
	9/12/14	9/12/14		2015
	10/12/14	17/12/14		2015
	11/12/14	17/12/14		2015
	19/12/14	19/12/14		2015
	19/12/14	19/12/14		2015
	22/12/14	22/12/14		2015
	22/12/14	22/12/14		2015
	22/12/14	23/12/14		2015
	23/12/14	23/12/14		2015
	24/12/14	24/12/14		2015
	14/01/15	16/01/15		2015
	15/01/15	16/01/15		2015
	29/01/15	29/01/15		2015
	5/02/15	5/02/15		2015
	18/02/15	18/02/15		2015
	20/02/15	20/02/15		2015
	23/02/15	23/02/15		2015
	23/02/15	23/02/15		2015
	26/02/15	26/02/15		2015
	10/04/15	10/04/15		2015
	1/05/15	4/05/15		2015
	2/05/15	4/05/15		2015
	15/05/15	15/05/15		2015
	15/05/15			2015
	21/05/15	22/05/15		2015
	22/05/15			2015
	22/05/15			2015
	29/06/15	29/06/15		2015
	30/06/15	30/06/15		2015
				2015
				2015
				2015
				2015
	2/07/15	2/07/15		2016
	3/09/15	3/09/15		2016
	25/11/15	25/11/15		2016
	2/02/16	2/02/16		2016
	16/03/16	16/03/16		2016

	11/04/16	11/04/16		2016
	16/06/16	16/06/16		2016
				2016
				2016
				2016
				2016
	9/7/2016	9/7/2016		2017
	10/25/2016	10/25/2016		2017
	12/21/2016	12/21/2016		2017
	3/7/2014	3/7/2014		2017
	3/21/2017	3/21/2017		2017
	3/23/2017	3/23/2017		2017
	3/24/2017	3/24/2017		2017
	3/28/2017	3/28/2017		2017
	3/30/2017	3/30/2017		2017
	4/4/2017	4/4/2017		2017
	4/6/2017	4/6/2017		2017
	4/11/2017	4/11/2017		2017
	4/13/2017	4/13/2017		2017
	4/19/2017	4/19/2017		2017
	4/21/2017	4/21/2017		2017
	6/15/2017	6/15/2017		2017
	6/19/2017	6/19/2017		2017
	6/21/2017	6/21/2017		2017
	6/23/2017	6/23/2017		2017
	6/26/2017	6/26/2017		2017
	6/28/2017	6/28/2017		2017
	6/30/2017	6/30/2017		2017
	7/3/2017	7/3/2017		2017
	7/5/2017	7/5/2017		2017
	7/7/2017	7/7/2017		2017
	7/10/2017	7/10/2017		2017
	7/12/2017	7/12/2017		2017
	7/14/2017	7/14/2017		2017
	7/17/2017	7/17/2017		2017
	7/24/2017	7/24/2017		2017
	8/2/2017	8/2/2017		2018
	11/21/2017	11/21/2017		2018
	11/24/2017	11/24/2017		2018
	12/8/2017	12/8/2017		2018
	2/28/2018	2/28/2018		2018
	3/2/2018	3/2/2018		2018
	3/6/2018	3/6/2018		2018
	3/8/2018	3/8/2018		2018

	6/7/2018	6/7/2018		2018
	6/14/2018	6/14/2018		2018
				2018
				2018
				2018
				2018
	10/25/2018	10/25/2018		2019
	11/30/2018	11/30/2018		2019
	12/18/2018	12/18/2018		2019
	12/20/2018	12/20/2018		2019
	1/14/2019	1/14/2019		2019
	3/21/2019	3/21/2019		2019
	3/27/2019	3/27/2019		2019
	6/24/2019	6/24/2019		2019
				2019
				2019
				2019
				2019
	2/11/2020	2/13/2020		2020
	2/14/2020	2/25/2020		2020
	2/17/2020	2/25/2020		2020
	2/18/2020	2/25/2020		2020
	4/8/2020	4/15/2020		2020
	4/21/2020	4/22/2020		2020
	6/17/2020	6/24/2020		2020
				YE 1st July 2020
				YE 1st July 2020
				YE 1st July 2020
				YE 1st July 2020
	8/6/2020	8/17/2020		2021
	8/7/2020	8/17/2020		2021
	8/31/2020	9/9/2020		2021
	9/1/2020	9/9/2020		2021
	9/2/2020	9/9/2020		2021
	9/7/2020	9/9/2020		2021
	11/2/2020	11/4/2020		2021
	3/25/2021	3/25/2021		2021
	3/27/2021	3/29/2021		2021
	3/29/2021	3/29/2021		2021
	4/1/2021	4/1/2021		2021
	4/6/2021	4/6/2021		2021
	4/8/2021	4/8/2021		2021
	4/14/2021	4/14/2021		2021
	4/22/2021	4/23/2021		2021
	4/27/2021	4/28/2021		2021
	6/8/2021	6/8/2021		2021
				YE 1st July 2021
				YE 1st July 2021



				YE 1st July 2021
				YE 1st July 2021
	11/10/2021	11/11/2022		2022
	11/29/2021	12/1/2021		2022
	3/1/2022	3/1/2022		2022
	3/11/2022	3/11/2022		2022
	3/14/2022	3/15/2022		2022
	3/30/2022	3/30/2022		2022
	4/8/2022	4/8/2022		2022
	4/22/2022	4/26/2022		2022
	5/11/2022	5/12/2022		2022
	5/23/2022	5/25/2022		2022
	5/31/2022	5/31/2022		2022
	6/20/2022	6/22/2022		2022
				YE 1st July 2022
				YE 1st July 2022
				YE 1st July 2022
				YE 1st July 2022
	4/26/2023	4/27/2024	2/2/2024	2023
				2023
				YE 1st July 2022
				YE 1st July 2022
				YE 1st July 2022
				YE 1st July 2022

ence variation application (in file LIC09/1316-02).



EPA Licence Number:

2014

Licensee Name:

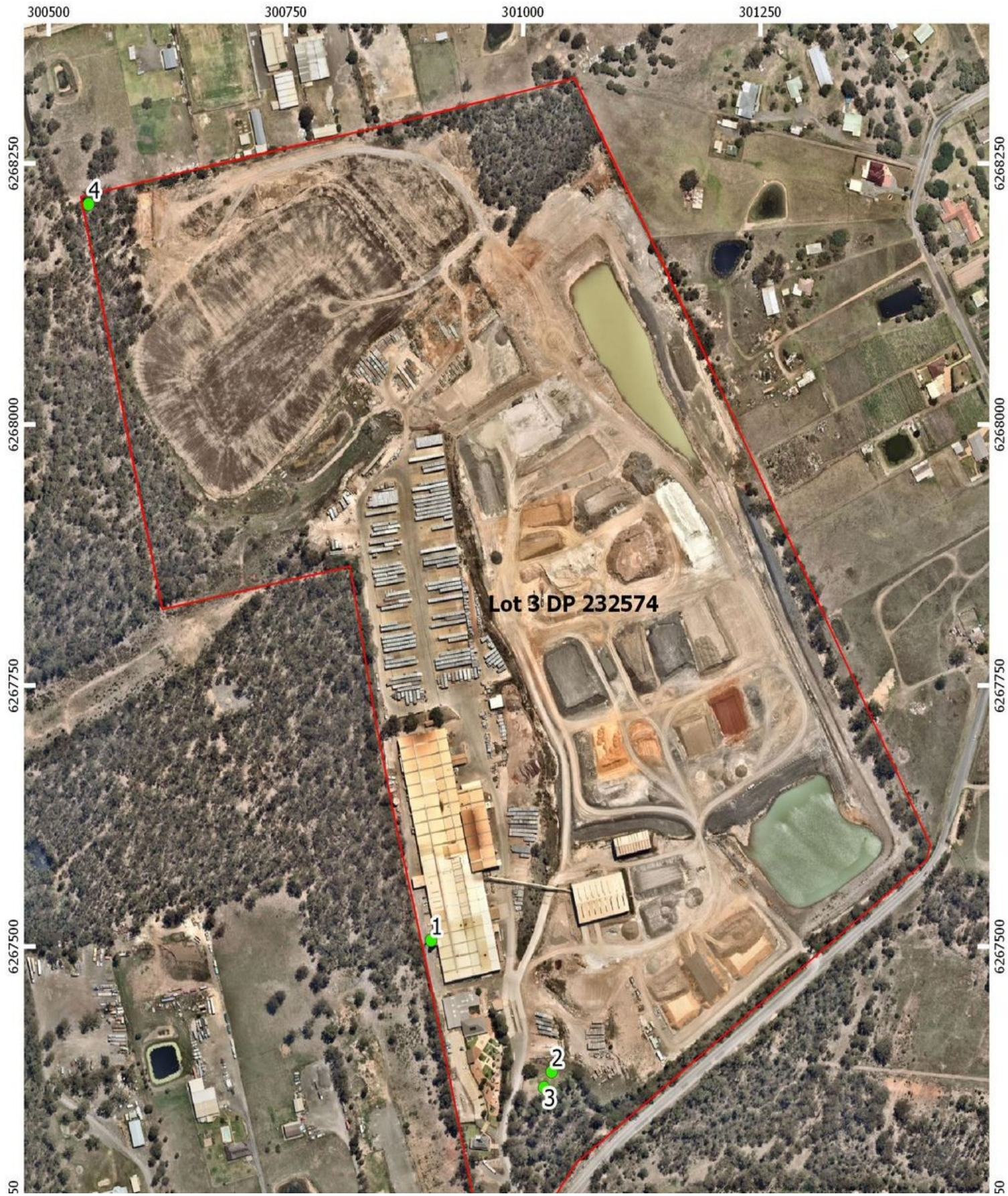
PGH Bricks & Pavers Pty Limited

Licensee Address:

75 Townson Rd Schofields NSW 2762

Link to Licence:

<http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79321&SYSUID=1&LICID=2014>





EPA Licence Number: L2014  
Licensee Name: CSR Building Products Limited  
Licensee Address: 75 Townson Road, Schofields, NSW, 2762  
Link to Licence: <http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31186&SYSUID=1&LICID=2014>

CORRECTION LOG												
Sampling Point	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100% Limit	Exceedance	Date Sampled	Date Obtained	Date Published	Corrected Data	Date	Reason
Point 5	Insoluble Solids	gm2/mth	monthly	2	4.0	no	16/07/14	23/07/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC1	Ash	gm2/mth	monthly	1.7		no	16/07/14	23/07/14	NA			
	Combustible Matter	gm2/mth	monthly	0.3		no	16/07/14	23/07/14	NA			
									NA			
Point 6	Insoluble Solids	gm2/mth	monthly	0.5	4.0	no	16/07/14	23/07/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC2	Ash	gm2/mth	monthly	0.3		no	16/07/14	23/07/14	NA			
	Combustible Matter	gm2/mth	monthly	0.2		no	16/07/14	23/07/14	NA			
									NA			
Point 5	Insoluble Solids	gm2/mth	monthly	1.1	4.0	no	18/08/14	26/08/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC1	Ash	gm2/mth	monthly	0.9		no	18/08/14	26/08/14	NA			
	Combustible Matter	gm2/mth	monthly	0.2		no	18/08/14	26/08/14	NA			
									NA			
Point 6	Insoluble Solids	gm2/mth	monthly	0.4	4.0	no	18/08/14	26/08/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC2	Ash	gm2/mth	monthly	0.4		no	18/08/14	26/08/14	NA			
	Combustible Matter	gm2/mth	monthly	0.1		no	18/08/14	26/08/14	NA			
									NA			
Point 5	Insoluble Solids	gm2/mth	monthly	0.9	4.0	no	18/09/14	26/09/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC1	Ash	gm2/mth	monthly	0.3		no	18/09/14	26/09/14	NA			
	Combustible Matter	gm2/mth	monthly	0.6		no	18/09/14	26/09/14	NA			
									NA			
Point 6	Insoluble Solids	gm2/mth	monthly	3.4	4.0	no	18/09/14	26/09/14	NA			

Schofields Clay Quarry Location of Dust Monitoring SC2	Ash	gm2/mth	monthly	2.8		no	18/09/14	26/09/14	NA			
	Combustible Matter	gm2/mth	monthly	0.6		no	18/09/14	26/09/14	NA			
									NA			
Point 5	Insoluble Solids	gm2/mth	monthly	4	4.0	no	16/10/14	23/10/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC1	Ash	gm2/mth	monthly	3.5		no	16/10/14	23/10/14	NA			
	Combustible Matter	gm2/mth	monthly	0.5		no	16/10/14	23/10/14	NA			
									NA			
Point 6	Insoluble Solids	gm2/mth	monthly	1	4.0	no	16/10/14	23/10/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC2	Ash	gm2/mth	monthly	0.9		no	16/10/14	23/10/14	NA			
	Combustible Matter	gm2/mth	monthly	0.1		no	16/10/14	23/10/14	NA			
									NA			
Point 5	Insoluble Solids	gm2/mth	monthly	5.6	4.0	yes	17/11/14	26/11/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC1	Ash	gm2/mth	monthly	4.6		no	17/11/14	26/11/14	NA			
	Combustible Matter	gm2/mth	monthly	1		no	17/11/14	26/11/14	NA			
									NA			
Point 6	Insoluble Solids	gm2/mth	monthly	2.4	4.0	no	17/11/14	26/11/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC2	Ash	gm2/mth	monthly	2.1		no	17/11/14	26/11/14	NA			
	Combustible Matter	gm2/mth	monthly	0.3		no	17/11/14	26/11/14	NA			
									NA			
Point 5	Insoluble Solids	gm2/mth	monthly	2.9	4.0	no	16/12/14	24/12/14	NA			
Schofields Clay Quarry Location of Dust Monitoring SC1	Ash	gm2/mth	monthly	2.4		no	16/12/14	24/12/14	NA			
	Combustible Matter	gm2/mth	monthly	0.5		no	16/12/14	24/12/14	NA			
									NA			
Point 6	Insoluble Solids	gm2/mth	monthly	4.6	4.0	yes	16/12/14	24/12/14	NA			

Schofields Clay Quarry Location of Dust Monitoring SC2	Ash	gm2/mth	monthly	4.2		no	16/12/14	24/12/14	NA			
	Combustible Matter	gm2/mth	monthly	0.4		no	16/12/14	24/12/14	NA			
									NA			
Point 5	Insoluble Solids	gm2/mth	monthly	2	4.0	no	15/01/15	23/01/15	NA			
Schofields Clay Quarry Location of Dust Monitoring SC1	Ash	gm2/mth	monthly	1.4		no	15/01/15	23/01/15	NA			
	Combustible Matter	gm2/mth	monthly	0.6		no	15/01/15	23/01/15	NA			
									NA			
Point 6	Insoluble Solids	gm2/mth	monthly	1	4.0	no	15/01/15	23/01/15	NA			
Schofields Clay Quarry Location of Dust Monitoring SC2	Ash	gm2/mth	monthly	0.7		no	15/01/15	23/01/15	NA			
	Combustible Matter	gm2/mth	monthly	0.3		no	15/01/15	23/01/15	NA			
		gm2/mth							NA			

## Exceedance / Non-ComplianceTable

[illegible]

[illegible]



[illegible]

<b>EPA Licence Number:</b>	L2014
<b>Licensee Name:</b>	CSR Building Products Limited
<b>Licensee Address:</b>	75 Townson Road, Schofields, NSW, 2762
<b>Link to Licence:</b>	<a href="http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31186&amp;SYSUID=1&amp;LICID=2014">http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31186&amp;SYSUID=1&amp;LICID=2014</a>

[illegible]

Exceedance / Non-ComplianceTable

Date Corrected	Reason	Extent	Reason / Context
	exceeds if storage is included as extraction		Waiting for reply from EPA (Ed shirking)- until then assume 50k to 100k score of 50points

**EPA Licence Number:** L2014  
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[illegible]

Exceedance / Non-ComplianceTable

[illegible]

**EPA Licence Number:** L2014  
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[illegible]

Exceedance / Non-ComplianceTable

Date Corrected	Reason	Extent of Exceedance	Reason /
			not measured because plastic bottles used

<b>EPA Licence Number:</b>	L2014	L2014
<b>Licensee Name:</b>	CSR Building Products	CSR Building Products Limited
<b>Licensee Address:</b>	75 Townson Road, Scl	75 Townson Road, Schofields, NSW, 2762
<b>Link to Licence:</b>	<a href="http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31186&amp;SYSUID=1&amp;LICID=2014">http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31186&amp;SYSUID=1&amp;LICID=2014</a>	

## CORRECTION LOG

[illegible]



Exceedance / Non-ComplianceTable

Reason-Main audible noise	Extent of Exceedance	Reason / Context
Traffic on richmond road		
Traffic noise on richmond rd		
Traffic noise on richmond rd		
Air intake from scrubber		Silencer was Fitted to scrubber exhaust fan16/12/11
Air intake from scrubber		
Air intake from scrubber		
Traffic on richmond road, PGH noise inaudible		
Traffic on richmond road, PGH noise inaudible		
Building exhaust fans		
Building exhaust fans		
general background, no noise from PGH or Richmond rd		
general background, no noise from PGH or Richmond rd		
general background, no noise from PGH or Richmond rd		

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Points to monitor	CORRECTION LOG											
Sampling Point	Pollutant	Units of Measure	Monitoring	Sample Type	Measurement	100	Exceedance	Date Sampled	Date Obtained	Date Published	Corrected Data	Date Corrected
Point 11	Total suspended solids	milligrams per litre	Quarterly	Grab sample		30	No	3/02/14	7/02/14	NA		
Schofields landfill	Total organic carbon	milligrams per litre	Quarterly	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Redox potential millivolts	milligrams per litre	Quarterly	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Sodium	milligrams per litre	Quarterly	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Sulfate	milligrams per litre	Quarterly	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Temperature degrees Celsius	milligrams per litre	Quarterly	Grab sample	21.1	NA	No	3/02/14	7/02/14	NA		
	Total dissolved solids	milligrams per litre	Quarterly	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Nitrogen	milligrams per litre	Quarterly	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Nitrogen (ammonia)	milligrams per litre	Quarterly	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Conductivity	milligrams per litre	Quarterly	Grab sample	30800	NA	No	3/02/14	7/02/14	NA		
	Alkalinity (as calcium carbonate )	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	BOD	milligrams per litre	Annually	Grab sample	2	20	No	3/02/14	7/02/14	NA		
	Cadmium	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Calcium	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Chloride	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Chromium	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Copper	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Fluoride	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Iron	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Lead	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Magnesium	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Manganese	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	pH	milligrams per litre	Quarterly	Grab sample	6.6	6 to 8	No	3/02/14	7/02/14	NA		
	Phosphorus (total)	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Potassium	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Total Kjeldahl	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Total Phenolics	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Zinc	milligrams per litre	Annually	Grab sample		NA	No	3/02/14	7/02/14	NA		
	Calcium	milligrams per litre	Annually	Grab sample		NA		2015				
	Chloride	milligrams per litre	Annually	Grab sample		NA		2015				
	Chromium	milligrams per litre	Annually	Grab sample		NA		2015				
	Copper	milligrams per litre	Annually	Grab sample		NA		2015				
	Fluoride	milligrams per litre	Annually	Grab sample		NA		2015				
	Iron	milligrams per litre	Annually	Grab sample		NA		2015				
	Lead	milligrams per litre	Annually	Grab sample		NA		2015				
	Magnesium	milligrams per litre	Annually	Grab sample		NA		2015				
	Manganese	milligrams per litre	Annually	Grab sample		NA		2015				
	pH	milligrams per litre	Quarterly	Grab sample		6 to 8		2015				

	Phosphorus (total)	milligrams per litre	Annually	Grab sample		NA		2015				
	Potassium	milligrams per litre	Annually	Grab sample		NA		2015				
	Total Kjeldahl	milligrams per litre	Annually	Grab sample		NA		2015				