Licensee Name: CSR Building Products Limited

**Licensee Address:** 55 Stennett Road, Ingleburn, NSW, 2565

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-										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Sampling Point	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)	1	Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
Point 1 - Main Stack	Nitrogen Oxides	mg/m³	Annual	4.2	70	no	28/06/12	8/08/12	13/08/12					
	Solid Particles	, 3			20		20/05/42	0/00/40	42/02/42					
		mg/m <sup>3</sup>	Annual	13	20	no	29/06/12	8/08/12	13/08/12					
	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> )	mg/m³	Annual	0.082	1	no	29/06/12	8/08/12	13/08/12					
	Hydrogen Sulphide	mg/m <sup>3</sup>	Annual	0.0067	0.05	no	28/06/12	8/08/12	13/08/12					
	Chlorine	mg/m <sup>3</sup>	Annual	<0.021	0.05	no	29/06/12	8/08/12	13/08/12					
	Hydrogen chloride	mg/m <sup>3</sup>	Annual	<0.014	0.02	no	29/06/12	8/08/12	13/08/12					
	Type 1 and Type 2			0.044	0.05		20/05/42	0/00/40	42/02/42					
	substances in aggregate volatile organic	mg/m <sup>3</sup>	Annual	0.011	0.05	no	28/06/12	8/08/12	13/08/12					
	compounds as n-propane	. 2												
	equivalent	mg/m <sup>3</sup>	Annual	0.092	0.3	no	29/06/12	8/08/12	13/08/12					
	Formaldehyde Phenol	mg/m <sup>3</sup>	Annual Annual	<0.018 1.056	TBD TBD	no no	29/06/12 28/06/12	8/08/12 8/08/12	13/08/12 13/08/12					
	Ammonia	mg/m³	Annual	24	TBD	no	29/06/12	8/08/12	13/08/12					
					. = -			3, 33, 22	20,00,22					
	Nitrogen Oxides	mg/m³	Special Frequency 1	25	70	no	6/06/13	11/07/13	25/07/13					
	Solid Particles	mg/m <sup>3</sup>	Special Frequency 1	11	20	no	6/06/13	11/07/13	25/07/13					
	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> )	mg/m³	Special Frequency 1	<0.2	1	no	6/06/13	11/07/13	25/07/13					
	Hydrogen Sulphide	mg/m³	Special Frequency 1	<0.5	0.05	no	6/06/13	11/07/13	25/07/13					Discussion with EPA underway regarding review of H <sub>2</sub> S limit and the inability of the test method to detect to the current limit.
	Chlorine	mg/m <sup>3</sup>	Special Frequency 1	<0.02	0.05	no	6/06/13	11/07/13	25/07/13					
	Hydrogen chloride	mg/m³	Special Frequency 1	<0.02	0.02	no	6/06/13	11/07/13	25/07/13					
	Type 1 and Type 2 substances in aggregate	mg/m³	Special Frequency 1	0.013	0.05	no	6/06/13	11/07/13	25/07/13					
	volatile organic compounds as n-propane equivalent	mg/m³	Special Frequency 1	<0.2	0.3	no	6/06/13	11/07/13	25/07/13					
	Formaldehyde	mg/m³	Special Frequency 1	0.41	10	no	6/06/13	11/07/13	25/07/13					
	Phenol	mg/m³	Special Frequency 1	0.062	20	no	6/06/13	11/07/13	25/07/13					
	Ammonia	mg/m³	Special Frequency 1	1.2	50	no	6/06/13	11/07/13	25/07/13					

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CORRECTION LOG

										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Sampling Point	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)		Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
	PM10	mg/m³	Special Frequency 1	10	N/A	no	6/06/13	11/07/13	25/07/13					
	Polycyclic aromatic hydrocarbons	mg/m³	Special Frequency 1	0.0067	N/A	no	6/06/13	11/07/13	25/07/13					
	Oxygen (O <sub>2</sub> )	%	Special Frequency 1	20.6	N/A	no	6/06/13	11/07/13	25/07/13					
	Moisture Content	%	Special Frequency 1	5.5	N/A	no	6/06/13	11/07/13	25/07/13					
	Molecular weight of stack gases		Special Frequency 1	29	N/A	no	6/06/13	11/07/13	25/07/13					
	Temperature	°C	Special Frequency 1	42	N/A	no	6/06/13	11/07/13	25/07/13					
	Velocity	ms <sup>-1</sup>	Special Frequency 1	19	N/A	no	6/06/13	11/07/13	25/07/13					
	Volumetric Flowrate	m³s⁻¹	Special Frequency 1	87 (wet NTP) 83 (dry NTP)	N/A	no	6/06/13	11/07/13	25/07/13					
	Nitrogen Oxides	mg/m³	Special Frequency 1	22	70	no	3/12/13	21/01/14	6/02/14					
	Solid Particles	mg/m³	Special Frequency 1	5.6	20	no	3/12/13	21/01/14	6/02/14					
	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> )	mg/m³	Special Frequency 1	<0.2	1		3/12/13	21/01/14	6/02/14					
	Hydrogen Sulphide	mg/m <sup>3</sup>		<0.2	0.05	no	3/12/13	21/01/14	6/02/14					
	Chlorine	mg/m <sup>3</sup>	Special Frequency 1 Special Frequency 1	0.047	0.05	no no	3/12/13	21/01/14	6/02/14					
	Hydrogen chloride	mg/m <sup>3</sup>	Special Frequency 1	0.068	0.02	yes		21/01/14					240% above limit	Discussion with EPA underway regarding review and increase of HCl limit.
	Type 1 and Type 2 substances in aggregate	mg/m³	Special Frequency 1	0.0016	0.05	no	3/12/13	21/01/14	6/02/14					
	volatile organic compounds as n-propane equivalent	mg/m³	Special Frequency 1	0.110	0.3	no	3/12/13	21/01/14	6/02/14					
	Formaldehyde	mg/m <sup>3</sup>	Special Frequency 1	0.21	10	no	3/12/13	21/01/14	6/02/14					
	Phenol	mg/m <sup>3</sup>	Special Frequency 1	1.300	20	no	3/12/13	21/01/14	6/02/14					
	Ammonia	mg/m <sup>3</sup>	Special Frequency 1	21	50	no	3/12/13	21/01/14	6/02/14					
	PM10	mg/m³	Special Frequency 1	5.6	N/A	no	3/12/13	21/01/14	6/02/14					
	Polycyclic aromatic hydrocarbons	mg/m³	Special Frequency 1	0.0082	N/A	no	3/12/13	21/01/14	6/02/14					
	Oxygen (O <sub>2</sub> )	%	Special Frequency 1	20.4	N/A	no	3/12/13	21/01/14	6/02/14					
	Moisture Content  Molecular weight of stack		Special Frequency 1	4.9	N/A	no	3/12/13	21/01/14	6/02/14					
	gases	g/gmole	Special Frequency 1	29	N/A	no	3/12/13	21/01/14	6/02/14					
	Temperature	°C	Special Frequency 1	49	N/A	no	3/12/13	21/01/14	6/02/14					
	Velocity	ms <sup>-1</sup>	Special Frequency 1	78 (wet NTP)	N/A	no	3/12/13	21/01/14	6/02/14					
	Volumetric Flowrate	m <sup>3</sup> s <sup>-1</sup>	Special Frequency 1	74 (dry NTP)	N/A	no	3/12/13	21/01/14	6/02/14					

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										CORRECTIO	N LOG		Exceedance / I	Non-ComplianceTable
Sampling Point	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)	1	Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
	Nitrogen Oxides	mg/m <sup>3</sup>	Annual	21	70		10/12/14	21/01/15	30/01/15					
	Solid	mg/m	Annual	31	70	no	10/12/14	21/01/15	30/01/15					
	Particles	mg/m³	Annual	4.8	20	no	10/12/14	21/01/15	30/01/15					
	Sulphuric acid mist and sulphur trioxide (as	mg/m³	Annual	<0.004	5		10/12/14	24/04/45	30/01/15					
	SO <sub>3</sub> ) Hydrogen Sulphide	mg/m³	Annual Annual	<0.004	2	no no	10/12/14	21/01/15 21/01/15	30/01/15					
	Chlorine	mg/m³	Annual	<0.003	5		10/12/14	21/01/15	30/01/15					
	Hydrogen chloride	mg/m³	Annual	<0.02	5	no no	10/12/14	21/01/15	30/01/15					
	Type 1 and Type 2 substances in aggregate	mg/m <sup>3</sup>	Annual	<0.001	0.05	no	10/12/14	21/01/15	30/01/15					
	volatile organic compounds as n-propane equivalent	mg/m³	Annual	<0.09	1	no	10/12/14	21/01/15	30/01/15					
	Formaldehyde	mg/m <sup>3</sup>	Annual	0.86	10	no	10/12/14	21/01/15	30/01/15					
	Phenol	mg/m <sup>3</sup>	Annual	6.6	20	no	10/12/14	21/01/15	30/01/15					
	Ammonia	mg/m <sup>3</sup>	Annual	0.81	50	no	10/12/14	21/01/15	30/01/15					
	PM10	mg/m <sup>3</sup>	Annual	3.8	N/A	no	10/12/14	21/01/15	30/01/15					
	Polycyclic aromatic hydrocarbons	mg/m³	Annual	0.013	N/A	no	10/12/14	21/01/15	30/01/15					
	Oxygen (O <sub>2</sub> )	%	Annual	20.5	N/A	no	10/12/14	21/01/15	30/01/15					
	Moisture Content	%	Annual	5.4	N/A	no	10/12/14	21/01/15	30/01/15					
	Molecular weight of stack gases	g/gmole	Annual	29	N/A	no	10/12/14	21/01/15	30/01/15					
	Temperature	°C	Annual	52	N/A	no	10/12/14	21/01/15	30/01/15					
	Velocity	ms <sup>-1</sup>	Annual	17	N/A	no	10/12/14	21/01/15	30/01/15					
	Volumetric Flowrate	m <sup>3</sup> s <sup>-1</sup>	Annual	77 (wet NTP) 72 (dry NTP)	N/A	no	10/12/14	21/01/15	30/01/15					
	Nitrogen Oxides	mg/m³	Annual	<4.1	70	no	9/11/15	23/12/15	22/01/16					
	Solid Particles	mg/m³	Annual	8.3	20	no	9/11/15	23/12/15	22/01/16					
	Sulphuric acid mist and sulphur trioxide (as	(3	Annual	40,00070	_		0/11/15	22/42/45	22/01/16					
	SO <sub>3</sub> ) Hydrogen Sulphide	mg/m <sup>3</sup>	Annual Annual	<0.00079 <0.018	5 2	no	9/11/15 9/11/15	23/12/15	22/01/16 22/01/16					
	Chlorine	mg/m	Annual	<0.018	5	no	9/11/15	23/12/15	22/01/16					
	Hydrogen chloride	mg/m	Annual	<υ.υδ	5	no no	9/11/15	23/12/15	22/01/16					
	Type 1 and Type 2 substances in aggregate	mg/m³	Annual	0.0018	0.05	no	9/11/15	23/12/15	22/01/16					
	volatile organic compounds as n-propane equivalent		Annual	<0.086	1	no	9/11/15	23/12/15	22/01/16					
	Formaldehyde	mg/m <sup>3</sup>	Annual	1.8	10	no	9/11/15	23/12/15	22/01/16					
	Phenol	mg/m <sup>3</sup>	Annual	1.0	20	no	9/11/15	23/12/15	22/01/16					

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CORRECTION LOG

-										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Sampling Point	Pollutant		Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)	1	Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
	Ammonia	mg/m <sup>3</sup>	Annual	<2	50	no	9/11/15	23/12/15	22/01/16					
	PM10	mg/m <sup>3</sup>	Annual	5.5	N/A	no	9/11/15	23/12/15	22/01/16					
	Polycyclic aromatic hydrocarbons	mg/m³	Annual	0.0037	N/A	no	9/11/15	23/12/15	22/01/16					
	Oxygen (O <sub>2</sub> )	%	Annual	20.4	N/A	no	9/11/15	23/12/15	22/01/16					
	Moisture Content	%	Annual	5.4	N/A	no	9/11/15	23/12/15	22/01/16					
	Molecular weight of stack													
	gases	g/gmole	Annual	28.4	N/A	no	9/11/15	23/12/15	22/01/16					
	Temperature	°C	Annual	57	N/A	no	9/11/15	23/12/15	22/01/16					
	Velocity	ms <sup>-1</sup>	Annual	17	N/A	no	9/11/15	23/12/15	22/01/16					
	Volumetric Flowrate	m <sup>3</sup> s <sup>-1</sup>	Annual	77 (wet NTP) 73 (dry NTP)	N/A	no	9/11/15	23/12/15	22/01/16					
	Nitrogen Oxides	mg/m³	Annual	10	70	no	22/11/16	17/02/17	2/03/17					
	Solid Particles	mg/m³	Annual	5.0	20	no	22/11/16	17/02/17	2/03/17					
	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> )	mg/m³	Annual	0.024	5	no	22/11/16	17/02/17	2/03/17					
							•	1						
	Hydrogen Sulphide	mg/m <sup>3</sup>	Annual	<0.01	2	no	22/11/16	17/02/17	2/03/17					
	Chlorine	mg/m <sup>3</sup>	Annual	<0.007	5	no	22/11/16	17/02/17	2/03/17					
	Hydrogen chloride	mg/m <sup>3</sup>	Annual	<0.01	5	no	22/11/16	17/02/17	2/03/17				+	
	Type 1 and Type 2 substances in aggregate	mg/m³	Annual	<0.012	0.05	no	22/11/16	17/02/17	2/03/17					
	volatile organic compounds as n-propane equivalent	mg/m³	Annual	<0.08	1	no	22/11/16	17/02/17	2/03/17					
	Formaldehyde	mg/m <sup>3</sup>	Annual	0.11	10	no	22/11/16	17/02/17	2/03/17					
	Phenol	mg/m³	Annual	<0.03	20	no	22/11/16	17/02/17	2/03/17					
	Ammonia	mg/m³	Annual	25	50	no	22/11/16	17/02/17	2/03/17					
	PM10	mg/m <sup>3</sup>	Annual	5	N/A	no	22/11/16	<del>                                     </del>	2/03/17					
	Polycyclic aromatic hydrocarbons	mg/m <sup>3</sup>	Annual	0.0098	N/A	no	22/11/16		2/03/17					
	Oxygen (O <sub>2</sub> )	%	Annual	20.6	N/A	no	22/11/16	17/02/17	2/03/17					
	Moisture Content	%	Annual	4.1	N/A	no	22/11/16	17/02/17	2/03/17					
	Molecular weight of stack													
	gases	g/gmole	Annual	28.5	N/A	no	22/11/16	1	2/03/17					
	Temperature	°C	Annual	45	N/A	no	22/11/16	17/02/17	2/03/17					
	Velocity	ms <sup>-1</sup>	Annual	19	N/A	no	22/11/16	17/02/17	2/03/17					
	Volumetric Flowrate	m³s <sup>-1</sup>	Annual	88 (wet NTP) 84 (dry NTP)	N/A	no	22/11/16	17/02/17	2/03/17					
	Oxides	mg/m³	Annual	18	70	no	30/01/18	1/06/18	14/06/18					
	Particles	mg/m <sup>3</sup>	Annual	19.0	20	no	30/01/18	1/06/18	14/06/18					

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									CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100 percentile limit			Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
Sulphuric acid mist and sulphur trioxide (as													
				1		1	1	+					
				<del> </del>			<del> </del>	+				-	
			<del> </del>	5	no		1	+					
Hydrogen chloride	mg/m³	Annual	<0.02	5	no	30/01/18	1/06/18	14/06/18					
Type 1 and Type 2 substances in aggregate	mg/m³	Annual	<0.024	0.05	no	30/01/18	1/06/18	14/06/18					
compounds as n-propane equivalent	mg/m³	Annual	0.270	1	no	30/01/18	1/06/18	14/06/18					
		Annual	1.4	10		•		+					
Phenol		Annual	2.2	20	no	30/01/18	1/06/18	14/06/18					
Ammonia		Annual	34	50	no	30/01/18	1/06/18	14/06/18					
PM10		Annual	8.2	N/A	no								
Polycyclic aromatic					-								
		Annual	0.018	<b>.</b>	no	+		+					
		Annual	20.6		no		1	1					
		Annual	6.7	N/A	no	30/01/18	1/06/18	14/06/18					
		Annual	20.2	NI/A	no	20/01/10	1/06/10	14/06/10					
			+	1	<del> </del>	1	1						
						<del> </del>	1						
			79 (wet NTP)		110								
Volumetric Flowrate	m³s <sup>-1</sup>	Annual	74 (dry NTP)	N/A	no	30/01/18	1/06/18	14/06/18					
Nitrogen Oxides	mg/m³	Annual	<3	70	no	16/01/19	31/05/19	5/06/19					
Solid													
Particles	mg/m³	Annual	8.7	20	no	16/01/19	31/05/19	5/06/19					
Sulphuric acid mist and sulphur trioxide (as	. 3												
			<del> </del>	<del>                                     </del>	no								
			+	1	no	1	1	+					
				<u> </u>		1	1	+					
Hydrogen chloride	mg/m ັ	Annual	<0.01	5	no	16/01/19	31/05/19	5/06/19					
Type 1 and Type 2 substances in aggregate	mg/m³	Annual	<0.011	0.05	no	16/01/19	31/05/19	5/06/19					
volatile organic compounds as n-propane equivalent	mg/m³	Annual	17	1	yes	16/01/19	31/05/19	5/06/19				1600% above limit	change in raw materials
Formaldehyde		Annual	3.8	10	no	16/01/19	31/05/19	5/06/19					
Phenol		Annual	2.8	20	no	1	+	+					
												8% above limit	change in raw materials
• • • • • • • • • • • • • • • • • • • •	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> ) Hydrogen Sulphide Chlorine Hydrogen chloride  Type 1 and Type 2 substances in aggregate volatile organic compounds as n-propane equivalent Formaldehyde Phenol Ammonia  PM10 Polycyclic aromatic hydrocarbons Oxygen (O <sub>2</sub> ) Moisture Content Molecular weight of stack gases Temperature Velocity  Volumetric Flowrate  Nitrogen Oxides Solid Particles  Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> ) Hydrogen Sulphide Chlorine Hydrogen chloride  Type 1 and Type 2 substances in aggregate volatile organic compounds as n-propane equivalent Formaldehyde	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> ) mg/m³ Hydrogen Sulphide mg/m³ Chlorine mg/m³ Hydrogen chloride mg/m³ Type 1 and Type 2 substances in aggregate wolatile organic compounds as n-propane equivalent mg/m³ Phenol mg/m³ Phenol mg/m³ Phenol mg/m³ Polycyclic aromatic hydrocarbons mg/m³ Oxygen (O <sub>2</sub> ) % Moisture Content % Molecular weight of stack gases g/gmole Temperature °C Velocity ms-¹  Volumetric Flowrate mg/m³ Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> ) mg/m³ Hydrogen Sulphide mg/m³ Type 1 and Type 2 substances in aggregate mg/m³ Type 1 and Type 2 substances in aggregate wolatile organic compounds as n-propane equivalent mg/m³ Formaldehyde mg/m³ Formaldehyde mg/m³ Formaldehyde mg/m³ Phenol mg/m³ Phenol mg/m³	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> ) mg/m³ Annual Chlorine mg/m³ Annual Hydrogen Sulphide mg/m³ Annual Type 1 and Type 2 substances in aggregate mg/m³ Annual Phenol mg/m³ Annual mg/m³ Annual Phylenol mg/m³ Annual Polycyclic aromatic hydrocarbons mg/m³ Annual mg/m	Sulphuric acid mist and sulphur trioxide (as SO <sub>2</sub> )   mg/m³   Annual   0.0250	Sulphuric acid mist and sulphur trioxide (as SO <sub>3</sub> )   mg/m <sup>3</sup>   Annual   <0.01   5	Frequency Required by Licence   Percentile   (yes/no)	Sulphuric acid mist and sulphur trioxide (as SO <sub>2</sub> )	Frequency   Required by   Likence   Sulphuric acid mist and sulphur trioxide (as   SS)   mg/m²   Annual   <0.01   5   no   30/01/18   1/06/18	Frequency Required by   Licence   Published   Publis	Frequency   Percentile	Prequency   Required by   Licence   Published   Data   Corrected   Corrected	Percent   Prequency   Required by   Required by   Received by   Receiv	Percentic   Program   Pr

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55 Stennett Road, Ingleburn, NSW, 2565 **Licensee Address:** 

										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Sampling Point	Pollutant		Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)	1	Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
	PM10	mg/m <sup>3</sup>	Annual	7.3	N/A	no	16/01/19	31/05/19	5/06/19					
	Polycyclic aromatic hydrocarbons	mg/m³	Annual	0.0023	N/A	no	16/01/19	31/05/19	5/06/19					
	Oxygen (O <sub>2</sub> )	%	Annual	20.7	N/A	no	16/01/19	31/05/19	5/06/19					
	Moisture Content	%	Annual	6.2	N/A	no	16/01/19	31/05/19	5/06/19					
	Molecular weight of stack													
	gases	g/gmole	Annual	28.3	N/A	no	16/01/19	31/05/19	5/06/19					
	Temperature	°C	Annual	47	N/A	no	16/01/19	31/05/19	5/06/19					
	Velocity	ms <sup>-1</sup>	Annual	19	N/A	no	16/01/19	31/05/19	5/06/19					
	Volumetric Flowrate	m³s <sup>-1</sup>	Annual	85 (wet NTP) 80 (dry NTP)	N/A	no	16/01/19	31/05/19	5/06/19					
	volatile organic compounds as n-propane													
	equivalent	mg/m³	Annual	0	1	no	9/04/19	31/05/19	5/06/19					
	Ammonia	mg/m³	Annual	40	50	no	9/04/19	31/05/19	5/06/19					
	volatila argania													
	volatile organic compounds as n-propane equivalent	mg/m³	Annual	8.9	1	yes	29/10/19	19/11/19	14/07/20				790% above limit	change in raw materials
	Ammonia	mg/m <sup>3</sup>	Annual	38	50	no	29/10/19	19/11/19	14/07/20					
	Nitrogen	, 3					00/04/00	10/07/00	11/0=/00					
	Oxides Solid	mg/m <sup>3</sup>	Annual	17	70	no	23/01/20	10/07/20	14/07/20					
	Particles	mg/m <sup>3</sup>	Annual	11.0	20	no	23/01/20	10/07/20	14/07/20					
	Sulphuric acid mist and sulphur trioxide (as $SO_3$ )	mg/m³	Annual	<0.009	5	no	23/01/20	10/07/20	14/07/20					
	Hydrogen Sulphide	mg/m <sup>3</sup>	Annual	<0.007	2	no	23/01/20	10/07/20	14/07/20					
	Chlorine	mg/m³	Annual	0.036	5	no	23/01/20	10/07/20	14/07/20					
	Hydrogen chloride	mg/m <sup>3</sup>	Annual	0.035	5	no	23/01/20	10/07/20	14/07/20					
	Type 1 and Type 2 substances in aggregate	mg/m³	Annual	<0.011	0.05	no	23/01/20	10/07/20	14/07/20					
	volatile organic compounds as n-propane equivalent	mg/m³	Annual	<0.2	1	no	23/01/20	10/07/20	14/07/20					
	Formaldehyde	mg/m <sup>3</sup>	Annual	8.2	10	no	23/01/20	10/07/20	14/07/20					
	Phenol	mg/m³	Annual	0.27	20	no	23/01/20	10/07/20	14/07/20					
	Ammonia	mg/m³	Annual	40	50	no	23/01/20	10/07/20	14/07/20					
	PM10	mg/m <sup>3</sup>	Annual	7.3	N/A	no	23/01/20	10/07/20	14/07/20					
	Polycyclic aromatic													
	hydrocarbons Oxygen (O <sub>2</sub> )	mg/m³	Annual Annual	0.024 20.5	N/A N/A	no no	23/01/20 23/01/20	10/07/20 10/07/20	14/07/20 14/07/20					
	Moisture Content	%	Annual	6.4	N/A	no	23/01/20	10/07/20	14/07/20					
	Molecular weight of stack gases		Annual	28.3	N/A	no	23/01/20	10/07/20	14/07/20					
	Temperature	°C	Annual	47	N/A	no	23/01/20	10/07/20	14/07/20					

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**CORRECTION LOG** 

Exceedance / Non-ComplianceTable

										CORRECTIO	N LUG		exceedance /	Non-Compliance Lable
Sampling Point	Pollutant	Units of Measure	Monitoring	Measurement	100	Exceedance	Date	Date	Date	Corrected	Date	Reason	Extent of	Reason / Context
			Frequency		percentile	(yes/no)	Sampled	Obtained	Published	Data	Corrected		Exceedance	
			Required by		limit	'' '								
			Licence											
	Velocity	ms <sup>-1</sup>	Annual	18	N/A	no	23/01/20	10/07/20	14/07/20					
				81 (wet NTP)										
	Volumetric Flowrate	m <sup>3</sup> s <sup>-1</sup>	Annual	76 (dry NTP)	N/A	no	23/01/20	10/07/20	14/07/20					
					,		.,.,	7,5 7	, , ,					
	Nitrogen													
	Oxides	mg/m <sup>3</sup>	Annual	36	70	no	9/03/21	8/04/21	22/04/21					
	Solid													
	Particles	mg/m <sup>3</sup>	Annual	23.0	20	yes	9/03/21	8/04/21	22/04/21				15% above limit	Under investigation
	volatile organic													
	compounds as n-propane													
	equivalent	mg/m³	Annual	2.4	20	no	9/03/21	8/04/21	22/04/21					
	Formaldehyde	mg/m <sup>3</sup>	Annual	0.18	10	no	9/03/21	8/04/21	22/04/21					
	Phenol	mg/m <sup>3</sup>	Annual	0.28	20	no	9/03/21	8/04/21	22/04/21					
	Ammonia	mg/m <sup>3</sup>	Annual	77	50	yes	9/03/21	8/04/21	22/04/21				54% above limit	Under investigation
	PM10	mg/m <sup>3</sup>	Annual	22	N/A	no	9/03/21	8/04/21	22/04/21					
	Polycyclic aromatic	G,												
	hydrocarbons	mg/m <sup>3</sup>	Annual	0.025	N/A	no	9/03/21	8/04/21	22/04/21					
	Oxygen (O <sub>2</sub> )	%	Annual	20.6	N/A	no	9/03/21	8/04/21	22/04/21					
	Moisture Content	%	Annual	5.6	N/A	no	9/03/21	8/04/21	22/04/21					
	Molecular weight of stack													
	gases	g/gmole	Annual	28.4	N/A	no	9/03/21	8/04/21	22/04/21					
	Temperature	°C	Annual	52	N/A	no	9/03/21	8/04/21	22/04/21					
	Velocity	ms <sup>-1</sup>	Annual	18	N/A	no	9/03/21	8/04/21	22/04/21					
				81 (wet NTP)										
	Volumetric Flowrate	$m^3s^{-1}$	Annual	77 (dry NTP)	N/A	no	9/03/21	8/04/21	22/04/21					
		1		<del> </del>	-			-						
					ļ									

Note: TBD in the 100 percentile column in the above table is defined as "to be determined". These parameters are the subject of a current Pollution Reduction Program and will be implemented on completion of the program.

**Special Frequency 1** means the collection of samples six (6) months after the re-commencement of the use of recycled water (monitor in June 2013), then twelve (12) months after the re-commencement of the use of recycled water (monitor in December 2013). The monitoring results must be submitted to the EPA with the report required by Special Condition E1.4.

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										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
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	Date Corrected	Reason	Extent of Exceedance	Reason / Context
Recycled Water - Worth														
Recycling	Oil & Grease	mg/L	Quarterly	<10	25	no	20/06/12	29/06/12	4/07/12					
Special Condition														
	TDS	mg/L	Quarterly	3,800	2000	yes	20/06/12	29/06/12	4/07/12				90% over upper limit	New limit of 4500 microsiemens/ cm2 agreed for conductivity following discussions with supplier and EPA.
	рН	рН	Quarterly	8.2	6.5-10.0	no	20/06/12	29/06/12	4/07/12					
	Volatile TPH C6-C9	mg/L	Quarterly	<0.5	5	no	20/06/12	29/06/12	4/07/12					
	Petroleum Hydrocarbons C10-C14 C15-C28 C29-C36	mg/L	Quarterly	35	5	yes	20/06/12	29/06/12	4/07/12				600% over upper limit	Incorrect measurement method used which does not mask the surfactants used for breaking down oil & grease. An approved method of measurement is now being used that shows the true value of TPH to be always within specification.
	PAH's	mg/L	Quarterly	<0.001	8	no	20/06/12	29/06/12	4/07/12					
	Arsenic	mg/L	Quarterly	0.002	1	no	20/06/12	29/06/12	4/07/12					
	Cadmium	mg/L	Quarterly	<0.01	1	no	20/06/12	29/06/12	4/07/12					
	Chromium	mg/L	Quarterly	<0.01	3	no	20/06/12	29/06/12	4/07/12					
	Copper	mg/L	Quarterly	0.02	5	no	20/06/12	29/06/12	4/07/12					
	Lead	mg/L	Quarterly	<0.05	2	no	20/06/12	29/06/12	4/07/12					
	Manganese	mg/L	Quarterly	0.03	5	no	20/06/12	29/06/12	4/07/12					
	Nickel	mg/L	Quarterly	0.02	1	no	20/06/12	29/06/12	4/07/12					
	Mercury	mg/L	Quarterly	<0.0001	0.03	no	20/06/12	29/06/12	4/07/12					
	Tin	mg/L	Quarterly	<0.05	1	no	20/06/12	29/06/12	4/07/12					
	Chlorine (Cl total)	mg/L	Quarterly  Quarterly	0.06 N/A	50	no	20/06/12	29/06/12	11/07/12		04/07/12	Incorrect pollutant tested (chloride tested for instead of free chlorine)		
	Ammonia	mg/L	Quarterly	2.2	32	no	20/06/12	29/06/12	4/07/12					
	Phosphorous	mg/L	Quarterly	0.29	10	no	20/06/12	29/06/12	4/07/12					
	Formaldehyde	mg/L	Quarterly	<1	non-detect	no	20/06/12	29/06/12	4/07/12					
	Phenol	mg/L	Quarterly	<0.02	0.08	no	20/06/12	29/06/12	4/07/12					
Recycled Water - Worth	Oil & Grease	mg/L	Quarterly	<5	25	no	8/03/13	13/03/13	26/03/13					
Recycling	Conductivity	μs/cm <sup>2</sup>	Quarterly	2800	4500	no no	8/03/13	13/03/13	26/03/13					
	рН	рН	Quarterly	8.19	6.5-10.0	no	8/03/13	13/03/13	26/03/13					
Special Condition	Volatile TPH C6-C9	mg/L	Quarterly	<0.02	5	no	8/03/13	13/03/13	26/03/13					
	Petroleum Hydrocarbons C10-C14 C15-C28 C29-C36	mg/L	Quarterly	0.91	5	no	8/03/13	13/03/13	26/03/13					
	PAH's	mg/L	Quarterly	<0.0005	8	no	8/03/13	13/03/13	26/03/13					
	Arsenic	mg/L	Quarterly	0.004	1	no	8/03/13	13/03/13	26/03/13					

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										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Sampling Point	Pollutant	Units of Measure	Monitoring Frequency Required by	Measurement	100 percentile limit	Exceedance (yes/no)	Date Sampled	Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
			Licence		""""									
	Cadmium	mg/L	Quarterly	<0.0001	1	no	8/03/13	13/03/13	26/03/13					
	Chromium	mg/L	Quarterly	<0.001	3	no	8/03/13	13/03/13	26/03/13					
+	Copper	mg/L	Quarterly	0.006	5	no	8/03/13	13/03/13	26/03/13					
	Lead	mg/L	Quarterly	<0.001	2	no	8/03/13	13/03/13	26/03/13					
	Manganese	mg/L	Quarterly	<0.001	5	no	8/03/13	13/03/13	26/03/13					
	Nickel	mg/L	Quarterly	0.023	1	no	8/03/13	13/03/13	26/03/13					
	Mercury	mg/L	Quarterly	<0.0001	0.03	no	8/03/13	13/03/13	26/03/13					
	Tin	mg/L	Quarterly	<0.001	1	no	8/03/13	13/03/13	26/03/13					
	Iron	mg/L	Quarterly	<0.05	2	no	8/03/13	13/03/13	26/03/13					
	Chlorine (Cl total)	mg/L	Quarterly	<0.2	50	no	8/03/13	13/03/13	26/03/13					
	Ammonia	mg/L	Quarterly	0.05	32	no	8/03/13	13/03/13	26/03/13					
	Phosphorous	mg/L	Quarterly	0.2	10	no	8/03/13	13/03/13	26/03/13					
	Formaldehyde	mg/L	Quarterly	<0.1	non-detect	no	8/03/13	13/03/13	26/03/13					
	Phenol	mg/L	Quarterly	<0.013	0.08	no	8/03/13	13/03/13	26/03/13					
	Oil & Grease	mg/L	Quarterly	<5	25	no	7/06/13	19/06/13	24/06/13					
Recycling	Conductivity	μs/cm²	Quarterly	1500	4500	no	7/06/13	19/06/13	24/06/13					
Special Condition	pH	pН	Quarterly	8.26	6.5-10.0	no	7/06/13	19/06/13	24/06/13					
	Volatile TPH C6-C9	mg/L	Quarterly	<0.02	5	no	7/06/13	19/06/13	24/06/13					
	Petroleum Hydrocarbons C10-C14 C15-C28													
	C29-C36	mg/L	Quarterly	2.09	5	no	7/06/13	19/06/13	24/06/13					
	PAH's	mg/L	Quarterly	<0.0005	8	no	7/06/13	19/06/13	24/06/13					
	Arsenic	mg/L	Quarterly	0.005	1	no	7/06/13	19/06/13	1					
	Cadmium	mg/L	Quarterly	0	1	no	7/06/13	19/06/13	24/06/13					
+	Chromium	mg/L	Quarterly	<0.001	3	no	7/06/13	19/06/13	24/06/13					
	Copper	mg/L	Quarterly	0.129	5	no	7/06/13	19/06/13	24/06/13					
	Lead	mg/L	Quarterly	<0.001	2	no	7/06/13	19/06/13	24/06/13					
	Manganese	mg/L	Quarterly	<0.001	5	no	7/06/13	19/06/13	24/06/13					
	Nickel	mg/L	Quarterly	0.055	0.02	no	7/06/13	19/06/13	24/06/13					
	Mercury Tin	mg/L	Quarterly	<0.0001 <0.001	0.03	no	7/06/13 7/06/13	19/06/13 19/06/13	24/06/13 24/06/13					
	Iron	mg/L mg/L	Quarterly Quarterly	0.11	2	no no	7/06/13	19/06/13	24/06/13					
	Chlorine (Cl total)	mg/L mg/L	Quarterly	<0.2	50	no	7/06/13	19/06/13	24/06/13					
	Ammonia	mg/L	Quarterly	<0.2	32	no no	7/06/13	19/06/13	24/06/13					
	Phosphorous	mg/L	Quarterly	0.79	10	no	7/06/13	19/06/13	24/06/13					
	Formaldehyde	mg/L	Quarterly	<0.1	non-detect	no	7/06/13	19/06/13	24/06/13					
	Phenol	mg/L	Quarterly	0.0011	0.08	no	7/06/13	19/06/13	24/06/13					
			Quarterry	0.0011	0.00	110	.,00,13	25/00/15	- 1,00,15					
Recycled Water - Worth	Oil & Grease	mg/L	Quarterly	<5	25	no	18/09/13	27/09/13	3/10/13					
Pocycling	Conductivity	μs/cm <sup>2</sup>	Quarterly	576	4500	no	18/09/13	27/09/13	3/10/13					
	рН	рН	Quarterly	7.85	6.5-10.0	no	18/09/13	27/09/13	3/10/13					
Special Condition	Volatile TPH C6-C9	mg/L	Quarterly	0.04	5	no	18/09/13	27/09/13	3/10/13					

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										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
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	Date Corrected	Reason	Extent of Exceedance	Reason / Context
	Petroleum Hydrocarbons C10-C14 C15-C28													
	C29-C36	mg/L	Quarterly	<0.05	5	no	18/09/13	27/09/13	3/10/13					
	PAH's	mg/L	Quarterly	<0.0005	8	no	18/09/13	27/09/13	3/10/13					
	Arsenic	mg/L	Quarterly	<0.001	1	no	18/09/13	27/09/13	3/10/13					
	Cadmium	mg/L	Quarterly	<0.0001	1	no	18/09/13	27/09/13	3/10/13					
	Chromium	mg/L	Quarterly	<0.001	3	no	18/09/13	27/09/13	3/10/13					
	Copper	mg/L	Quarterly	0.240	5	no	18/09/13	27/09/13	3/10/13					
	Lead	mg/L	Quarterly	0.002	2	no	18/09/13	27/09/13	3/10/13					
	Manganese	mg/L	Quarterly	0.008	5	no	18/09/13	27/09/13	3/10/13					
	Nickel	mg/L	Quarterly	0.014	1	no	18/09/13	27/09/13	3/10/13					
	Mercury	mg/L	Quarterly	<0.0001	0.03	no	18/09/13	27/09/13	3/10/13					
	Tin	mg/L	Quarterly	0.005	1	no	18/09/13	27/09/13	3/10/13					
	Iron	mg/L	Quarterly	0.06	2	no	18/09/13	27/09/13	3/10/13					
	Chlorine (Cl total)	mg/L	Quarterly	<0.2	50	no	18/09/13	27/09/13	3/10/13					
	Ammonia	mg/L	Quarterly	0.02	32	no	18/09/13	27/09/13	3/10/13					
	Phosphorous	mg/L	Quarterly	0.07	10	no	18/09/13	27/09/13	3/10/13					
	Formaldehyde	mg/L	Quarterly	0.1	non-detect	yes	18/09/13	27/09/13	3/10/13					
	Phenol	mg/L	Quarterly	<0.001	0.08	no	18/09/13	27/09/13	3/10/13					
Described Materia Marith			_		-				- 1 - 1					
Recycled Water - Worth Recycling	Oil & Grease	mg/L	Quarterly	<5	25	no	2/12/13	17/12/13	8/01/14					
reco y cimig	Conductivity	μs/cm <sup>2</sup>	Quarterly	505	4500	no	2/12/13	17/12/13	8/01/14					
Special Condition	pH	pH	Quarterly	7.86	6.5-10.0	no	2/12/13	17/12/13	8/01/14					
	Petroleum Hydrocarbons C10-C14 C15-C28 C29-C36	mg/L mg/L	Quarterly  Quarterly	<0.02 0.19	5	no	2/12/13	17/12/13	8/01/14					
	PAH's	mg/L	Quarterly	<0.0005	8	no	2/12/13	17/12/13	8/01/14					
	Arsenic	mg/L	Quarterly	0.002	1	no	2/12/13	17/12/13	8/01/14					
	Cadmium	mg/L	Quarterly	<0.0001	1	no	2/12/13	17/12/13	8/01/14					
	Chromium	mg/L	Quarterly	<0.001	3	no	2/12/13	17/12/13	8/01/14					
	Copper	mg/L	Quarterly	0.201	5	no	2/12/13	17/12/13	8/01/14					
	Lead	mg/L	Quarterly	<0.001	2	no	2/12/13	17/12/13	8/01/14					
	Manganese	mg/L	Quarterly	<0.001	5	no	2/12/13	17/12/13	8/01/14					
	Nickel	mg/L	Quarterly	0.014	1	no	2/12/13	17/12/13	8/01/14					
	Mercury Tin	mg/L	Quarterly	<0.0001 <0.001	0.03	no	2/12/13 2/12/13	17/12/13 17/12/13	8/01/14 8/01/14					
	Iron	mg/L mg/L	Quarterly Quarterly	<0.001	2	no no	2/12/13	17/12/13	8/01/14					
	Chlorine (Cl total)		<u> </u>	<0.05	50			1	8/01/14					
		mg/L	Quarterly	0.03	32	no	2/12/13 2/12/13	17/12/13 17/12/13	8/01/14					
	Ammonia Phosphorous	mg/L mg/L	Quarterly Quarterly	0.03	10	no	2/12/13	17/12/13	8/01/14					
	Formaldehyde	mg/L	Quarterly	<0.1	non-detect	no no	2/12/13	17/12/13	8/01/14					
	Phenol	mg/L	Quarterly	<0.001	0.08	no	2/12/13	17/12/13	8/01/14					
	T Hellor	1116/ -	Quarterly	1 10.001	1 0.00	1 110	-/1-/13	11/12/13	0,01/14					

CSR Building Products Limited Licensee Name:

55 Stennett Road, Ingleburn, NSW, 2565 **Licensee Address:** 

										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Sampling Point	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)		Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context
								·						
Recycled Water - Worth	Oil & Grease	mg/L	Quarterly	<5	25	no	6/03/14	13/03/14	1/04/14					
Recycling	Conductivity	μs/cm²	Quarterly	1640	4500	no	6/03/14	13/03/14	1/04/14					
Special Condition	рН	рН	Quarterly	8.21	6.5-10.0	no	6/03/14	13/03/14	1/04/14					
	Volatile TPH C6-C9	mg/L	Quarterly	0.100	5	no	6/03/14	13/03/14	1/04/14					
	Petroleum Hydrocarbons C10-C14 C15-C28 C29-C36	mg/l	Quarterly	0.99	5	no	6/03/14	13/03/14	1/04/14					
	PAH's	mg/L mg/L	Quarterly	<0.0005	8	no	6/03/14	13/03/14	1/04/14					
	Arsenic	mg/L	Quarterly	0.002	1	no	6/03/14	13/03/14	1/04/14					
	Cadmium	mg/L	Quarterly	<0.002	1	no	6/03/14	13/03/14	1/04/14					
	Chromium	mg/L	Quarterly	<0.001	3	no	6/03/14	13/03/14	1/04/14					
	Copper	mg/L	Quarterly	0.205	5	no	6/03/14	13/03/14	1/04/14					
	Lead	mg/L	Quarterly	0.001	2	no	6/03/14	13/03/14	1/04/14					
	Manganese	mg/L	Quarterly	0.114	5	no	6/03/14	13/03/14	1/04/14					
	Nickel	mg/L	Quarterly	0.057	1	no	6/03/14	13/03/14	1/04/14					
	Mercury	mg/L	Quarterly	<0.0001	0.03	no	6/03/14	13/03/14	1/04/14					
	Tin	mg/L	Quarterly	<0.001	1	no	6/03/14	13/03/14	1/04/14					
	Iron	mg/L	Quarterly	<0.05	2	no	6/03/14	13/03/14	1/04/14					
	Chlorine (Cl total)	mg/L	Quarterly	<0.2	50	no	6/03/14	13/03/14	1/04/14					
	Ammonia	mg/L	Quarterly	<0.01	32	no	6/03/14	13/03/14	1/04/14					
	Phosphorous	mg/L	Quarterly	0.32	10	no	6/03/14	13/03/14	1/04/14					
	Formaldehyde	mg/L	Quarterly	<0.1	non-detect	no	6/03/14	13/03/14	1/04/14					
	Phenol	mg/L	Quarterly	<0.001	0.08	no	6/03/14	13/03/14	1/04/14					
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Recycled Water - Worth	Oil & Grease	mg/L	Quarterly	<5	25	no	17/06/14	27/06/14	11/07/14					
Recycling	Conductivity	μs/cm²	Quarterly	1700	4500	no	17/06/14	27/06/14	11/07/14					
Consist Constitute	pH	рН	Quarterly	8.04	6.5-10.0	no	17/06/14	27/06/14	11/07/14					
Special Condition	Volatile TPH C6-C9	mg/L	Quarterly	<0.020	5	no	17/06/14	27/06/14	11/07/14					
	Petroleum Hydrocarbons C10-C14 C15-C28				_									
	C29-C36	mg/L	Quarterly	0.91	5	no	17/06/14	27/06/14	11/07/14					
	PAH's	mg/L	Quarterly	<0.0005	8	no	17/06/14	27/06/14	11/07/14					
	Arsenic	mg/L	Quarterly	<0.001	1	no	17/06/14	27/06/14	11/07/14					
	Cadmium	mg/L	Quarterly	<0.0001	1	no	17/06/14	27/06/14	11/07/14					
	Copper	mg/L	Quarterly Quarterly	<0.001 <0.001	3	no	17/06/14 17/06/14	27/06/14 27/06/14	11/07/14 11/07/14					
	Copper	mg/L			5	no	1	1	1					
	Lead	mg/L	Quarterly	<0.001	2	no	17/06/14	27/06/14 27/06/14	11/07/14 11/07/14					
	Manganese Nickel	mg/L	Quarterly	<0.001	5	no	17/06/14	27/06/14	†					
	Mercury	mg/L	Quarterly Quarterly	<0.001 <0.0001	0.03	no no	17/06/14 17/06/14	27/06/14	11/07/14 11/07/14					
		mg/L		1	<del> </del>		1	1	1					
	Tin	mg/L	Quarterly	0.001	1	no	17/06/14	27/06/14	11/07/14					

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										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
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	Date Corrected	Reason	Extent of Exceedance	Reason / Context
	Iron	mg/L	Quarterly	<0.05	2	no	17/06/14	27/06/14	11/07/14					
	Chlorine (Cl total)	mg/L	Quarterly	<0.2	50	no	17/06/14	27/06/14	11/07/14					
	Ammonia	mg/L	Quarterly	0.02	32	no	17/06/14	27/06/14	11/07/14					
	Phosphorous	mg/L	Quarterly	0.14	10	no	17/06/14	27/06/14	11/07/14					
	Formaldehyde	mg/L	Quarterly	<0.1	non-detect	no	17/06/14	27/06/14	11/07/14					
	Phenol	mg/L	Quarterly	<0.05	0.08	no	17/06/14	27/06/14	11/07/14					
Recycled Water - Worth	Oil & Grease	mg/L	Bi-Annually	<5	25	no	5/12/14	31/12/14	30/01/15					
Recycling	Conductivity	μs/cm <sup>2</sup>	Bi-Annually	1780	4500	no	5/12/14	31/12/14	30/01/15					
Special Condition	рН	рН	Bi-Annually	7.87	6.5-10.0	no	5/12/14	31/12/14	30/01/15					
	Volatile TPH C6-C9	mg/L	Bi-Annually	0.09	5	no	5/12/14	31/12/14	30/01/15					
	Petroleum Hydrocarbons C10-C14 C15-C28													
	C29-C36	mg/L	Bi-Annually	0.76	5	no	5/12/14	31/12/14	30/01/15					
	PAH's	mg/L	Bi-Annually	0.0026	8	no	5/12/14	31/12/14	30/01/15					
	Arsenic	mg/L	Bi-Annually	0.026	1	no	5/12/14	31/12/14	30/01/15					
	Cadmium	mg/L	Bi-Annually	<0.0001	1	no	5/12/14	31/12/14	30/01/15					
	Chromium	mg/L	Bi-Annually	<0.001	3	no	5/12/14	31/12/14	30/01/15					
	Copper	mg/L	Bi-Annually	0.568	5	no	5/12/14	31/12/14	30/01/15					
	Lead	mg/L	Bi-Annually	0.005	2	no	5/12/14	31/12/14	30/01/15					
	Manganese	mg/L	Bi-Annually	0.139	5	no	5/12/14	31/12/14	30/01/15					
	Nickel	mg/L	Bi-Annually	<0.001	1	no	5/12/14	31/12/14	30/01/15					
	Mercury	mg/L	Bi-Annually	<0.0001	0.03	no	5/12/14	31/12/14	30/01/15					
	Tin	mg/L	Bi-Annually	<0.001	1	no	5/12/14	31/12/14	30/01/15					
	Iron	mg/L	Bi-Annually	0.31	2	no	5/12/14	31/12/14	30/01/15					
	Chlorine (Cl total)	mg/L	Bi-Annually	<0.2	50	no	5/12/14	31/12/14	30/01/15					
	Ammonia	mg/L	Bi-Annually	0.55	32	no	5/12/14	31/12/14	30/01/15					
	Phosphorous	mg/L	Bi-Annually	0.03	10	no	5/12/14	31/12/14	30/01/15					
	Formaldehyde Phenol	mg/L	Bi-Annually	<0.1 <0.001	0.08	no	5/12/14	31/12/14	30/01/15					
	Phenoi	mg/L	Bi-Annually	<0.001	0.08	no	5/12/14	31/12/14	30/01/15					
Recycled Water - Worth	Oil & Grease	mg/L	Bi-Annually	6	25	no	17/07/15	28/07/15	31/07/15					
Recycling	Conductivity	μs/cm <sup>2</sup>	Bi-Annually	1020	4500	no	17/07/15	28/07/15	31/07/15					
	pH	рН	Bi-Annually	7.83	6.5-10.0	no	17/07/15	28/07/15	31/07/15					
Special Condition	Volatile TPH C6-C9	mg/L	Bi-Annually	<0.02	5	no	17/07/15	28/07/15	31/07/15					
	Petroleum Hydrocarbons C10-C14 C15-C28 C29-C36	mg/L	Bi-Annually	0.13	5	no	17/07/15	28/07/15	28/07/15					
	PAH's	mg/L	Bi-Annually	<0.0005	8	no	17/07/15	28/07/15	28/07/15					
	Arsenic	mg/L	Bi-Annually	0.017	1	no	17/07/15	28/07/15	28/07/15					
	Cadmium	mg/L	Bi-Annually	0.017	1	no	17/07/15	28/07/15	28/07/15					
	Chromium	mg/L	Bi-Annually	<0.001	3	no	17/07/15	28/07/15	28/07/15					
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										CORRECTIO	N LOG		Exceedance /	Non-ComplianceTable
Sampling Point	Pollutant	Units of Measure	Monitoring	Measurement	100	Exceedance	Date	Date	Date	Corrected	Date	Reason	Extent of	Reason / Context
			Frequency		percentile	(yes/no)	Sampled	Obtained	Published	Data	Corrected		Exceedance	
			Required by		limit									
			Licence				ļ.,							
	Copper	mg/L	Bi-Annually	0.677	5	no	17/07/15	28/07/15	28/07/15					
	Lead	mg/L	Bi-Annually	0.11	2	no	17/07/15	28/07/15	28/07/15					
	Manganese	mg/L	Bi-Annually	<0.001	5	no	17/07/15	28/07/15	28/07/15					
	Nickel	mg/L	Bi-Annually	0.01	1	no	17/07/15	28/07/15	28/07/15					
	Mercury	mg/L	Bi-Annually	<0.0001	0.03	no	17/07/15	28/07/15	28/07/15					
	Tin	mg/L	Bi-Annually	<0.001	1	no	17/07/15	28/07/15	28/07/15					
	Iron	mg/L	Bi-Annually	<0.05	2	no	17/07/15	28/07/15	28/07/15					
	Chlorine (Cl total)	mg/L	Bi-Annually	<0.2	50	no	17/07/15	28/07/15	28/07/15					
	Ammonia	mg/L	Bi-Annually	17.4	32	no	17/07/15	28/07/15	28/07/15					
	Phosphorous	mg/L	Bi-Annually	0.02	10	no	17/07/15	28/07/15	28/07/15					
	Formaldehyde	mg/L	Bi-Annually	<0.1	1	no	17/07/15	28/07/15	28/07/15					
	Phenol	mg/L	Bi-Annually	<0.001	0.08	no	17/07/15	28/07/15	28/07/15					
Recycled Water - Worth	Oil & Grease	mg/L	Bi-Annually	<5	25	no	9/11/15	18/11/15	26/11/15					
Recycling	Conductivity	μs/cm²	Bi-Annually	2740	4500	no	9/11/15	18/11/15	26/11/15					
	рН	рН	Bi-Annually	8.24	6.5-10.0	no	9/11/15	18/11/15	26/11/15					
Special Condition	Volatile TPH C6-C9	mg/L	Bi-Annually	0.02	5	no	9/11/15	18/11/15	26/11/15					
	Volatile 1111 co es	1116/ L	DI Allifudity	0.02	<del>                                     </del>	110	3/11/13	10/11/13	20/11/13					
	Petroleum Hydrocarbons													
	C10-C14													
	C15-C28 C29-C36	/I	D: Ammundlu	40.05	_		0/11/15	10/11/15	20/11/15					
	_	mg/L	Bi-Annually	<0.05	5	no	9/11/15	18/11/15	26/11/15					
	PAH's	mg/L	Bi-Annually	0.0011	8	no	9/11/15	18/11/15	26/11/15					
	Arsenic	mg/L	Bi-Annually	0.022	1	no	9/11/15	18/11/15	26/11/15					
	Cadmium	mg/L	Bi-Annually	<0.0001	1	no	9/11/15	18/11/15	26/11/15					
	Chromium	mg/L	Bi-Annually	0.002	3	no	9/11/15	18/11/15	26/11/15					
	Copper	mg/L	Bi-Annually	0.580	5	no	9/11/15	18/11/15	26/11/15					
	Lead	mg/L	Bi-Annually	0.003	2	no	9/11/15	18/11/15	26/11/15					
	Manganese	mg/L	Bi-Annually	0.013	5	no	9/11/15	18/11/15	26/11/15					
	Nickel	mg/L	Bi-Annually	0.023	1	no	9/11/15	18/11/15	26/11/15					
	Mercury	mg/L	Bi-Annually	· ·	0.03	no	9/11/15	18/11/15	26/11/15					
	Tin	mg/L	Bi-Annually	<0.001	1	no	9/11/15	18/11/15	26/11/15					
	Iron	mg/L	Bi-Annually	1.03	2	no	9/11/15	18/11/15	26/11/15					
	Chlorine (Cl total)	mg/L	Bi-Annually	<0.2	50	no	9/11/15	18/11/15	26/11/15					
	Ammonia	mg/L	Bi-Annually	0.06	32	no	9/11/15	18/11/15	26/11/15					
	Phosphorous	mg/L	Bi-Annually	0.06	10	no	9/11/15	18/11/15	26/11/15					
	Formaldehyde	mg/L	Bi-Annually	0.2	1	no	9/11/15	18/11/15	26/11/15					
	Phenol	mg/L	Bi-Annually	<0.001	0.08	no	9/11/15	18/11/15	26/11/15					
Recycled Water - Worth	Oil & Grease	mg/L	Bi-Annually	<5	25	no	23/06/16	30/06/16	13/07/16					
Recycling	Conductivity	μs/cm²	Bi-Annually	3010	4500	no	23/06/16	30/06/16	13/07/16					
Special Condition	рН	рН	Bi-Annually	7.72	6.5-10.0	no	23/06/16	30/06/16	13/07/16					
Special Colluition	Volatile TPH C6-C9	mg/L	Bi-Annually	<0.020	5	no	23/06/16	30/06/16	13/07/16					

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CORRECTION LOG

Exceedance / Non-ComplianceTable

										CORRECTION LOG			Exceedance / Non-ComplianceTable		
mpling Point	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	Measurement	100 percentile limit	Exceedance (yes/no)	1	Date Obtained	Date Published	Corrected Data	Date Corrected	Reason	Extent of Exceedance	Reason / Context	
	Petroleum Hydrocarbons C10-C14 C15-C28														
	C29-C36	mg/L	Bi-Annually	0.36	5	no	23/06/16	1	13/07/16						
	PAH's	mg/L	Bi-Annually	<0.0005	8	no	23/06/16	30/06/16	13/07/16						
	Arsenic	mg/L	Bi-Annually	0.007	1	no	23/06/16	30/06/16	13/07/16						
	Cadmium	mg/L	Bi-Annually	<0.0001	1	no	23/06/16	30/06/16	13/07/16						
	Chromium	mg/L	Bi-Annually	<0.001	3	no	23/06/16	30/06/16	13/07/16						
	Copper	mg/L	Bi-Annually	0.016	5	no	23/06/16	30/06/16	13/07/16						
	Lead	mg/L	Bi-Annually	<0.001	2	no	23/06/16	30/06/16	13/07/16						
	Manganese	mg/L	Bi-Annually	0.098	5	no	23/06/16	30/06/16	13/07/16						
	Nickel	mg/L	Bi-Annually	0.159	1	no	23/06/16	30/06/16	13/07/16						
	Mercury	mg/L	Bi-Annually	<0.0001	0.03	no	23/06/16	30/06/16	13/07/16						
	Tin	mg/L	Bi-Annually	<0.001	1	no	23/06/16	30/06/16	13/07/16						
	Iron	mg/L	Bi-Annually	0.31	2	no	23/06/16	30/06/16	13/07/16						
	Chlorine (Cl total)	mg/L	Bi-Annually	<0.2	50	no	23/06/16	30/06/16	13/07/16						
	Ammonia	mg/L	Bi-Annually	0.36	32	no	23/06/16	30/06/16	13/07/16						
	Phosphorous	mg/L	Bi-Annually	0.01	10	no	23/06/16	30/06/16	13/07/16						
	Formaldehyde	mg/L	Bi-Annually	<0.1	1	no	23/06/16	30/06/16	13/07/16						
	Phenol	mg/L	Bi-Annually	<0.05	0.08	no	23/06/16	30/06/16	13/07/16						
			1												

Recycled water use was provided an exemption in accordance with the Protection of the Environment Operations (Waste) Regulation 2005 - Specific Exemption under Part 6, Clause 51 and 51A - CSR Building Products Recycled Water Exemption 2011. This document is located on OEH file LIC09/253-02.

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Point 1