



RE-ISSUED REPORT OF ANALYSIS

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Report No. RN777946

Client	: GUNNS LIMITED 78 LINDSAY STREET LAUNCESTON TAS 7250	Job No.	: GUNN03/091119
		Quote No.	: QT-00047
		Order No.	:
		Date Sampled	: 17-NOV-2009
		Date Received	: 19-NOV-2009
Attention	: LAWSON HARDING	Sampled By	:
Project Name	: VERACEL EFFLUENT		
Your Client Services Manager	: BRIAN WOODWARD	Phone	: (02) 94490151

Lab Reg No.	Sample Ref	Sample Description
NQ09/05765	F1 - F6	WATER

Lab Reg No.	Sample Reference	Units	NQ09/05765	F1 - F6	Method
Phenols					
Phenol	ug/L	2.2			NGCMS_1111
2-Chlorophenol	ug/L	< 1			NGCMS_1111
2-Methylphenol	ug/L	< 1			NGCMS_1111
2,4-Dichlorophenol	ug/L	< 1			NGCMS_1111
3- & 4-Methylphenols	ug/L	< 2			NGCMS_1111
2,4-Dimethylphenol	ug/L	< 1			NGCMS_1111
2,6-Dichlorophenol	ug/L	< 1			NGCMS_1111
2-Nitrophenol	ug/L	< 1			NGCMS_1111
4-Chloro-3-methylphenol	ug/L	< 2			NGCMS_1111
2,4,6-Trichlorophenol	ug/L	< 2			NGCMS_1111
4-Nitrophenol	ug/L	< 1			NGCMS_1111
2,4,5-Trichlorophenol	ug/L	< 2			NGCMS_1111
2,3,4,6-Tetrachlorophenol	ug/L	< 2			NGCMS_1111
Pentachlorophenol	ug/L	4.4			NGCMS_1111
Miscellaneous					
Organic Investigation		See comment			NGCMS_1130
Monocyclic Aromatic Hydrocarbons NMI 1120 Screen					
Benzene	ug/L	< 1			NGCMS_1120
Toluene	ug/L	< 1			NGCMS_1120
Ethylbenzene	ug/L	< 1			NGCMS_1120
m & p-Xylenes	ug/L	< 2			NGCMS_1120
o-Xylene	ug/L	< 1			NGCMS_1120
Styrene	ug/L	< 1			NGCMS_1120
Isopropylbenzene	ug/L	< 1			NGCMS_1120
n-Propylbenzene	ug/L	< 1			NGCMS_1120
1,3,5-Trimethylbenzene	ug/L	< 1			NGCMS_1120
tert-Butylbenzene	ug/L	< 1			NGCMS_1120
1,2,4-Trimethylbenzene	ug/L	< 1			NGCMS_1120
sec-Butylbenzene	ug/L	< 1			NGCMS_1120
4-Isopropyltoluene	ug/L	< 1			NGCMS_1120
n-Butylbenzene	ug/L	< 1			NGCMS_1120

This report is issued in accordance with NATA's accreditation requirements

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Lab Reg No.		NQ09/05765				
Sample Reference		F1 - F6				
	Units					Method
Halogenated Aliphatics Hydrocarbons NMI 1120 Screen						
Chloromethane	ug/L	< 5				NGCMS_1120
Vinyl chloride	ug/L	< 2				NGCMS_1120
Bromomethane	ug/L	< 5				NGCMS_1120
Chloroethane	ug/L	< 5				NGCMS_1120
Trichlorofluoromethane	ug/L	< 5				NGCMS_1120
1,1-Dichloroethane	ug/L	< 1				NGCMS_1120
Dichloromethane	ug/L	< 1				NGCMS_1120
trans-1,2-Dichloroethene	ug/L	< 1				NGCMS_1120
1,1-Dichloroethene	ug/L	< 1				NGCMS_1120
2,2-Dichloropropane	ug/L	< 1				NGCMS_1120
cis-1,2-Dichloroethene	ug/L	< 1				NGCMS_1120
Bromochloromethane	ug/L	< 1				NGCMS_1120
1,1,1-Trichloroethane	ug/L	< 1				NGCMS_1120
Carbon tetrachloride	ug/L	< 1				NGCMS_1120
1,1-Dichloropropene	ug/L	< 1				NGCMS_1120
1,2-Dichloroethane	ug/L	< 1				NGCMS_1120
Trichloroethene	ug/L	< 1				NGCMS_1120
1,2-Dichloropropane	ug/L	< 1				NGCMS_1120
Dibromomethane	ug/L	< 1				NGCMS_1120
cis-1,3-Dichloropropene	ug/L	< 1				NGCMS_1120
trans-1,3-Dichloropropene	ug/L	< 1				NGCMS_1120
1,1,2-Trichloroethane	ug/L	< 1				NGCMS_1120
Tetrachloroethene	ug/L	< 1				NGCMS_1120
1,3-Dichloropropane	ug/L	< 1				NGCMS_1120
1,2-Dibromoethane	ug/L	< 1				NGCMS_1120
1,1,1,2-Tetrachloroethane	ug/L	< 1				NGCMS_1120
1,1,2,2-Tetrachloroethane	ug/L	< 1				NGCMS_1120
1,2,3-Trichloropropane	ug/L	< 1				NGCMS_1120
1,2-Dibromo-3-chloropropane	ug/L	< 1				NGCMS_1120
Hexachlorobutadiene	ug/L	< 1				NGCMS_1120
Halogenated Aromatics Hydrocarbons NMI 1120 Screen						
Chlorobenzene	ug/L	< 1				NGCMS_1120
Bromobenzene	ug/L	< 1				NGCMS_1120
2-Chlorotoluene	ug/L	< 1				NGCMS_1120
4-Chlorotoluene	ug/L	< 1				NGCMS_1120
1,3-Dichlorobenzene	ug/L	< 1				NGCMS_1120
1,4-Dichlorobenzene	ug/L	< 1				NGCMS_1120
1,2-Dichlorobenzene	ug/L	< 1				NGCMS_1120
1,2,4-Trichlorobenzene	ug/L	< 1				NGCMS_1120
1,2,3-Trichlorobenzene	ug/L	< 1				NGCMS_1120
Trihalomethanes NMI 1120 Screen						
Chloroform	ug/L	< 1				NGCMS_1120
Bromodichloromethane	ug/L	< 1				NGCMS_1120

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Lab Reg No.		NQ09/05765				
Sample Reference	Units	F1 - F6				Method
Trihalomethanes NMI 1120 Screen						
Dibromochloromethane	ug/L	< 1				NGCMS_1120
Bromoform	ug/L	< 1				NGCMS_1120
Polycyclic Aromatic Hydrocarbons(volatile) NMI 1120 Screen						
Naphthalene	ug/L	< 1				NGCMS_1120
Oxygenated Compounds NMI 1120 Screen						
Acetone	ug/L	< 10				NGCMS_1120
Vinylacetate	ug/L	< 10				NGCMS_1120
2-Butanone (MEK)	ug/L	< 10				NGCMS_1120
4-Methyl-2-pentanone (MIBK)	ug/L	< 10				NGCMS_1120
2-Hexanone (MBK)	ug/L	< 10				NGCMS_1120
Methyl tert-Butyl Ether (MTBE)	ug/L	< 10				NGCMS_1120
Sulfonated Compounds NMI 1120 Screen						
Carbon disulfide	ug/L	< 10				NGCMS_1120
Surrogate						
Surrogate semivolatiles Rec.	%	107				
Surrogate volatile Rec	%	112				
Disinfection By-Products						
Monochloroacetic Acid	mg/L	< 0.01				NGCMS_1123
Dichloroacetic Acid	mg/L	< 0.01				NGCMS_1123
Trichloroacetic Acid	mg/L	< 0.01				NGCMS_1123
Monobromoacetic Acid	mg/L	< 0.01				NGCMS_1123
Dibromoacetic Acid	mg/L	< 0.01				NGCMS_1123
Dates						
Date extracted		23-NOV-2009				
Date analysed		24-NOV-2009				

NQ09/05765

Aniline is < 20 ug/L.

Methanol is < 1000 ug/L.

NMI is not NATA accredited for the analysis of methanol in water.



Danny Slee, Section Manager
Organics - NSW
Accreditation No. 198



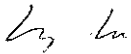
Luke Baker, Analyst
Organics - NSW
Accreditation No. 198

3-FEB-2010

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Lab Reg No.		NQ09/05765				
Sample Reference	Units	F1 - F6				Method
Trace Elements						
Aluminium-Filtered	ug/L	200				NT2_47
Arsenic-Filtered	ug/L	2.6				NT247_251
Barium-Filtered	ug/L	36				NT2_47
Beryllium-Filtered	ug/L	< 0.1				NT2_47
Boron-Filtered	ug/L	13				NT2_47
Cadmium-Filtered	ug/L	< 0.1				NT2_47
Chromium-Filtered	ug/L	1.3				NT2_47
Cobalt-Filtered	ug/L	0.28				NT2_47
Copper-Filtered	ug/L	< 1				NT2_47
Iron-Filtered	ug/L	140				NT2_47
Lead-Filtered	ug/L	0.22				NT2_47
Manganese-Filtered	ug/L	140				NT2_47
Mercury-Filtered	ug/L	< 0.1				NT2_47_244
Molybdenum-Filtered	ug/L	0.93				NT2_47
Nickel-Filtered	ug/L	3				NT2_47
Selenium-Filtered	ug/L	2.7				NT247_251
Tin-Filtered	ug/L	< 2				NT2_47
Vanadium-Filtered	ug/L	14				NT2_47
Zinc-Filtered	ug/L	8.7				NT2_47



Ling Shuang Lu, Analyst
Inorganics - NSW
Accreditation No. 198

3-FEB-2010

Lab Reg No.		NQ09/05765				
Sample Reference	Units	F1 - F6				Method
Miscellaneous						
Detergent as MBAS	mg/L	0.25				NW_S6
Sulphide Total	mg/L	< 0.05				NWS17



Wei Huang, Analyst
Inorganics - NSW
Accreditation No. 198

3-FEB-2010

