



REPORT OF ANALYSIS

Client	: WOODBINE PARK (OPERATIONS) P/L LOT 2 OLD MANDEMAR ROAD BERRIMA NSW 2577	Job No.	: WOOD15/090318
Attention	: Rhonda Parmenter	Quote No.	: QT-00782
Project Name	:	Order No.	:
Your Client Services Manager	: BRIAN WOODWARD	Date Sampled	:
		Date Received	: 18-MAR-2009
		Sampled By	: CLIENT
		Phone	: (02) 94490151

Lab Reg No.	Sample Ref	Sample Description
N09/008153	.	SOURCE WATER

Lab Reg No.	Sample Reference	Units	N09/008153			Method
Poly Aromatic Hydrocarbons						
Benzo(a)pyrene	mg/L	< 0.0001				NGCMS_1111
Organochlorine (OC) Pesticides						
Alachlor	mg/L	< 0.00001				NR_19
Chlordane	mg/L	< 0.00001				NR_19
Endrin	mg/L	< 0.00001				NR_19
Heptachlor	mg/L	< 0.00001				NR_19
Heptachlorepoide	mg/L	< 0.00001				NR_19
Hexachlorobenzene	mg/L	< 0.00001				NR_19
Lindane	mg/L	< 0.00001				NR_19
Methoxychlor	mg/L	< 0.00001				NR_19
Toxaphene	mg/L	< 0.0001				NR_19
Phenolics						
Phenol	mg/L	< 0.001				NGCMS_1111
2-Chlorophenol	mg/L	< 0.001				NGCMS_1111
2-Methyl phenol	mg/L	< 0.001				NGCMS_1111
3&4-Methyl phenol	mg/L	< 0.002				NGCMS_1111
2,4-Dichlorophenol	mg/L	< 0.001				NGCMS_1111
2,6-Dichlorophenol	mg/L	< 0.001				NGCMS_1111
2,4,5-Trichlorophenol	mg/L	< 0.002				NGCMS_1111
2,4,6-Trichlorophenol	mg/L	< 0.002				NGCMS_1111
2,3,4,6-Tetrachlorophenol	mg/L	< 0.002				NGCMS_1111
Pentachlorophenol	mg/L	< 0.002				NGCMS_1111
Polychlorinated Biphenyls						
PCB Total	mg/L	< 0.0001				NR_19
Phenoxy acid herbicides						
2,4,5-TP	mg/L	< 0.001				NGCMS_1117
2,4-D	mg/L	< 0.001				NGCMS_1117
Dalapon	mg/L	< 0.001				NGCMS_1117
Dinoseb	mg/L	< 0.001				NGCMS_1117
Picloram	mg/L	< 0.001				NGCMS_1117
Miscellaneous Herbicides						
Atrazine	mg/L	< 0.001				NR_19

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

# REPORT OF ANALYSIS

Page: 2 of 6  
Report No. RN731786

Lab Reg No.		N09/008153				
Sample Reference	Units					Method
Miscellaneous Herbicides						
Simazine	mg/L	< 0.001				NR_19
Volatile Organic Compounds						
Trichloroethylene	mg/L	< 0.001				NGCMS_1120
Carbon tetrachloride	mg/L	< 0.001				NGCMS_1120
Vinyl Chloride	mg/L	< 0.001				NGCMS_1120
1,2-Dichloroethane	mg/L	< 0.001				NGCMS_1120
Benzene	mg/L	< 0.001				NGCMS_1120
1,1-Dichloroethylene	mg/L	< 0.001				NGCMS_1120
1,1,1-Trichloroethane	mg/L	< 0.001				NGCMS_1120
1,2,4-Trichlorobenzene	mg/L	< 0.001				NGCMS_1120
1,1,2-Trichloroethane	mg/L	< 0.001				NGCMS_1120
o-Dichlorobenzene	mg/L	< 0.001				NGCMS_1120
p-Dichlorobenzene	mg/L	< 0.001				NGCMS_1120
cis-1,2-Dichloroethylene	mg/L	< 0.001				NGCMS_1120
Trans-1,2-Dichloroethylene	mg/L	< 0.001				NGCMS_1120
1,2-Dichloropropane	mg/L	< 0.001				NGCMS_1120
Ethylbenzene	mg/L	< 0.001				NGCMS_1120
Dichloromethane	mg/L	0.0030				NGCMS_1120
Monochlorobenzene	mg/L	< 0.001				NGCMS_1120
Styrene	mg/L	< 0.001				NGCMS_1120
Tetrachloroethylene	mg/L	< 0.001				NGCMS_1120
Trihalomethane	mg/L	< 0.001				NGCMS_1120
Toluene	mg/L	< 0.001				NGCMS_1120
Xylene	mg/L	< 0.002				NGCMS_1120
Bromobenzene	mg/L	< 0.001				NGCMS_1120
Bromochloromethane	mg/L	< 0.001				NGCMS_1120
Bromodichloromethane	mg/L	< 0.001				NGCMS_1120
Bromoform	mg/L	< 0.001				NGCMS_1120
Bromomethane	mg/L	< 0.001				NGCMS_1120
Butylbenzene,n-	mg/L	< 0.001				NGCMS_1120
Butylbenzene,sec-	mg/L	< 0.001				NGCMS_1120
Butylbenzene,tert-	mg/L	< 0.001				NGCMS_1120
Chlorodibromomethane	mg/L	< 0.001				NGCMS_1120
Chloroethane	mg/L	< 0.001				NGCMS_1120
Chloromethane	mg/L	< 0.001				NGCMS_1120
Chlorotoluene,o-	mg/L	< 0.001				NGCMS_1120
Chlorotoluene,p-	mg/L	< 0.001				NGCMS_1120
Dibromomethane	mg/L	< 0.001				NGCMS_1120
Dichlorodifluoromethane	mg/L	< 0.001				NGCMS_1120
Dichloroethane,1,1-	mg/L	< 0.001				NGCMS_1120
Dichloropropane,1,3-	mg/L	< 0.001				NGCMS_1120
Dichloropropane,2,2,-	mg/L	< 0.001				NGCMS_1120
Dichloropropene,1,1-	mg/L	< 0.001				NGCMS_1120

# REPORT OF ANALYSIS

Page: 3 of 6  
Report No. RN731786

Lab Reg No.		N09/008153				
Sample Reference	Units					Method
<b>Volatile Organic Compounds</b>						
Dichloropropene,cis-1,3-	mg/L	< 0.001				NGCMS_1120
Dichloropropene,trans-1,3-	mg/L	< 0.001				NGCMS_1120
Fluorotrichloromethane	mg/L	< 0.001				NGCMS_1120
Hexachlorobutadiene	mg/L	< 0.001				NGCMS_1120
Isopropyltoluene,p-	mg/L	< 0.001				NGCMS_1120
Metyl-Ethyl-Ketone	mg/L	< 0.001				NGCMS_1120
Napthalene	mg/L	< 0.001				NGCMS_1120
Propylbenzene,iso-	mg/L	< 0.001				NGCMS_1120
Propylbenzene,n-	mg/L	< 0.001				NGCMS_1120
Tetrachloroethane,1,1,1,2-	mg/L	< 0.001				NGCMS_1120
Tetrachloroethane,1,1,2,2-	mg/L	< 0.001				NGCMS_1120
Trichlorobenzene,1,2,3-	mg/L	< 0.001				NGCMS_1120
Dichlorobenzene,m-	mg/L	< 0.001				NGCMS_1120
Trichloropropane,1,2,3-	mg/L	< 0.001				NGCMS_1120
Trichlorotrifluoroethane	mg/L	< 0.001				NGCMS_1120
Trimethylbenzene,1,2,4-	mg/L	< 0.001				NGCMS_1120
Trimethylbenzene,1,3,5-	mg/L	< 0.001				NGCMS_1120
Dibromochloropropane	mg/L	< 0.001				NGCMS_1120
Ethylene dibromide	mg/L	< 0.001				NGCMS_1120
<b>Semivolatiles AGAL 1122 Screen</b>						
Hexachlorocyclopentadiene	mg/L	< 0.01				NGCMS_1111
Di(ethylhexyl)phthalate	mg/L	< 0.005				NGCMS_1111
Di(2-ethylhexyl)adipate	mg/L	< 0.1				NGCMS_1111



Luke Baker, Analyst  
Organics - NSW  
Accreditation No. 198

16-APR-2009

Lab Reg No.		N09/008153				
Sample Reference	Units					Method
<b>Trace Elements</b>						
Aluminium	mg/L	0.013				NT2_47
Antimony	mg/L	< 0.001				NT2_47
Arsenic	mg/L	< 0.001				NT247_251
Barium	mg/L	0.01				NT2_47
Beryllium	mg/L	< 0.001				NT2_47
Borate as H3BO3	mg/L	0.032				NT2_47

1 Suakin Street, Pymble NSW 2073 Tel: + 61 2 9449 0111 Fax: + 61 2 9449 1653 www.measurement.gov.au

National Measurement Institute

## REPORT OF ANALYSIS

Page: 4 of 6  
Report No. RN731786

Lab Reg No.		N09/008153				
Sample Reference	Units					Method
Trace Elements						
Cadmium	mg/L	< 0.0001				NT2_47
Chromium	mg/L	< 0.001				NT2_47
Copper	mg/L	0.007				NT2_47
Iron	mg/L	< 0.005				NT2_47
Lead	mg/L	0.002				NT2_47
Manganese	mg/L	0.01				NT2_47
Mercury	mg/L	< 0.0001				NT247_244
Molybdenum	mg/L	< 0.001				NT2_47
Nickel	mg/L	0.008				NT2_47
Selenium	mg/L	< 0.001				NT247_251
Silver	mg/L	< 0.0001				NT2_47
Thallium	mg/L	< 0.001				NT2_47
Zinc	mg/L	0.008				NT2_47



Deborah Yen, Analyst  
Inorganics - NSW  
Accreditation No. 198

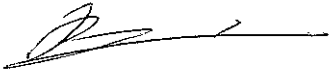
16-APR-2009

Lab Reg No.		N09/008153				
Sample Reference	Units					Method
Miscellaneous						
Chloride	mg/L	11				NWD3_NWB14
Oxidisability	mg/L	< 3				NW_B24
Colour True	Hazen	< 2				NWD4
Cyanide-Total as CN	mg/L	< 0.005				NWD12
Fluoride as F	mg/L	< 0.1				NW_B3
Nitrate-N	mg/L	0.8				NW_B19
Nitrite-N	mg/L	< 0.005				NW_B19
Solids Total Dissolved	mg/L	39				NW_B10A
Sulphate	mg/L	0.2				NWD10NWB14
Sulphide as H <sub>2</sub> S	mg/L	< 0.05				NW_S18A
Turbidity	NTU	< 0.1				NW_B11
pH	pH_unit	4.8				NW_S11

## REPORT OF ANALYSIS

Page: 5 of 6  
Report No. RN731786

Lab Reg No.		N09/008153				
Sample Reference	Units					Method

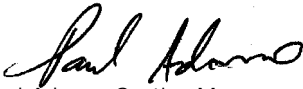


Wei Huang, Analyst  
Inorganics - NSW  
Accreditation No. 198

16-APR-2009

Lab Reg No.		N09/008153				
Sample Reference	Units					Method
Threshold Odour Number	TON	< 1				APHA2150B

N09/008153  
Note: Not NATA accredited for Threshold Odour Number.



Paul Adorno, Section Manager  
Inorganics - Vic  
Accreditation No. 89

16-APR-2009

Lab Reg No.		N09/008153				
Sample Reference	Units					Method
Inorganics						
Bromate	mg/L	< 0.010				WL119
Chlorite	mg/L	< 0.010				WL119



Geoff Firms, Analyst  
Inorganics - WA  
Accreditation No. 2474

16-APR-2009

## REPORT OF ANALYSIS

Page: 6 of 6  
Report No. RN731786

The result(s) for Borate were calculated from Boron.



This report is issued in accordance with NATA's accreditation requirements.  
Accredited for compliance with ISO/IEC 17025.  
This report shall not be reproduced except in full.  
Results relate only to the sample(s) tested.

This Report supersedes reports: RN729593    RN729831    RN731541    RN731566    RN731579    RN731587