



REPORT OF ANALYSIS

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Report No. RN1430669

Client	: DEPARTMENT OF CLIMATE CHANGE, ENERGY, THE ENVIRONM	Job No.	: DEPT91/240527
		Quote No.	: QT-02257
		Order No.	:
Attention	:	Date Received	: 27-MAY-2024
Project Name	:	Sampled By	: CLIENT
Your Client Services Manager	:	Phone	:

Lab Reg No.	Sample Ref	Sample Description
N24/011398	DBRH-Z-20	WATER 21/05/2024
N24/011399	DBRH-Z-29	WATER 20/05/2024

Lab Reg No.		N24/011398	N24/011399			
Date Sampled		21-MAY-2024	20-MAY-2024			
Sample Reference		DBRH-Z-20	DBRH-Z-29			
	Units					Method
<b>Organochlorine (OC) Pesticides</b>						
HCB	ug/L	< 0.1	< 0.1			NR47
Heptachlor	ug/L	< 0.1	< 0.1			NR47
Heptachlor epoxide	ug/L	< 0.1	< 0.1			NR47
Aldrin	ug/L	< 0.1	< 0.1			NR47
gamma-BHC(Lindane)	ug/L	< 0.1	< 0.1			NR47
alpha-BHC	ug/L	< 0.1	< 0.1			NR47
beta-BHC	ug/L	< 0.1	< 0.1			NR47
delta-BHC	ug/L	< 0.1	< 0.1			NR47
trans-Chlordane	ug/L	< 0.1	< 0.1			NR47
cis-Chlordane	ug/L	< 0.1	< 0.1			NR47
Oxychlordane	ug/L	< 0.1	< 0.1			NR47
Dieldrin	ug/L	< 0.1	< 0.1			NR47
p,p-DDE	ug/L	< 0.1	< 0.1			NR47
p,p-DDD	ug/L	< 0.1	< 0.1			NR47
p,p-DDT	ug/L	< 0.1	< 0.1			NR47
Endrin	ug/L	< 0.1	< 0.1			NR47
Endrin aldehyde	ug/L	< 0.1	< 0.1			NR47
Endrin Ketone	ug/L	< 0.1	< 0.1			NR47
alpha-Endosulfan	ug/L	< 0.1	< 0.1			NR47
beta-Endosulfan	ug/L	< 0.1	< 0.1			NR47
Endosulfan sulfate	ug/L	< 0.1	< 0.1			NR47
Methoxychlor	ug/L	< 0.1	< 0.1			NR47
Dicofol	ug/L	< 0.1	< 0.1			NR47
Surrogate: DF-DDE	%REC	91	95			NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	ug/L	< 1	< 1			NGCMS_1117
Fluroxypyr	ug/L	< 1	< 1			NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	ug/L	< 1	< 1			NR51

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Sample Reference		DBRH-Z-20	DBRH-Z-29			
	Units					Method
<b>LC-MS/MS Screen</b>						
Terbutylazine	ug/L	< 1	< 1			NR51
<b>Organophosphate (OP) Pesticides</b>						
Dichlorvos	ug/L	< 0.1	< 0.1			NR47
Demeton-S-methyl	ug/L	< 0.1	< 0.1			NR47
Diazinon	ug/L	< 0.1	< 0.1			NR47
Dimethoate	ug/L	< 0.1	< 0.1			NR47
Chlorpyrifos	ug/L	< 0.1	< 0.1			NR47
Chlorpyrifos methyl	ug/L	< 0.1	< 0.1			NR47
Malathion	ug/L	< 0.1	< 0.1			NR47
Fenthion	ug/L	< 0.1	< 0.1			NR47
Ethion	ug/L	< 0.1	< 0.1			NR47
Fenitrothion	ug/L	< 0.1	< 0.1			NR47
Chlorfenvinphos (E)	ug/L	< 0.1	< 0.1			NR47
Chlorfenvinphos (Z)	ug/L	< 0.1	< 0.1			NR47
Parathion (ethyl)	ug/L	< 0.1	< 0.1			NR47
Parathion methyl	ug/L	< 0.1	< 0.1			NR47
Pirimiphos methyl	ug/L	< 0.1	< 0.1			NR47
Pirimiphos ethyl	ug/L	< 0.1	< 0.1			NR47
Azinphos methyl	ug/L	< 0.1	< 0.1			NR47
Azinphos ethyl	ug/L	< 0.1	< 0.1			NR47
Bromophos ethyl	ug/L	< 0.1	< 0.1			NR47
Carbophenothion	ug/L	< 0.1	< 0.1			NR47
Coumaphos	ug/L	< 0.1	< 0.1			NR47
Dioxathion	ug/L	< 0.1	< 0.1			NR47
Fenamiphos	ug/L	< 0.1	< 0.1			NR47
Fenchlorphos	ug/L	< 0.1	< 0.1			NR47
Formothion	ug/L	< 0.1	< 0.1			NR47
Methacrifos	ug/L	< 0.1	< 0.1			NR47
Methidathion	ug/L	< 0.1	< 0.1			NR47
Mevinphos	ug/L	< 0.1	< 0.1			NR47
Phorate	ug/L	< 0.1	< 0.1			NR47
Phosalone	ug/L	< 0.1	< 0.1			NR47
Profenophos	ug/L	< 0.1	< 0.1			NR47
Prothiofos	ug/L	< 0.1	< 0.1			NR47
Thiometon	ug/L	< 0.1	< 0.1			NR47
Triazophos	ug/L	< 0.1	< 0.1			NR47
Surrogate: TPP	%REC	107	108			NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	ug/L	< 0.1	< 0.1			NR47
Bioresmethrin	ug/L	< 0.1	< 0.1			NR47
Cyfluthrin	ug/L	< 0.1	< 0.1			NR47

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Sample Reference		DBRH-Z-20	DBRH-Z-29			
	Units					Method
<b>Synthetic Pyrethroids</b>						
Cyhalothrin	ug/L	<0.1	<0.1			NR47
Cypermethrin	ug/L	<0.1	<0.1			NR47
Deltamethrin	ug/L	<0.1	<0.1			NR47
Fenvalerate	ug/L	<0.1	<0.1			NR47
Permethrin	ug/L	<0.1	<0.1			NR47
Phenothrin	ug/L	<0.1	<0.1			NR47
<b>Fungicides</b>						
Bupirimate	ug/L	<0.1	<0.1			NR47
Chlorothalonil	ug/L	<0.1	<0.1			NR47
Cyprodinil	ug/L	<0.1	<0.1			NR47
Dichlofluanid	ug/L	<0.1	<0.1			NR47
Dicloran	ug/L	<0.1	<0.1			NR47
Difenoconazole	ug/L	<0.1	<0.1			NR47
Dimethomorph	ug/L	<0.1	<0.1			NR47
Diphenylamine	ug/L	<0.1	<0.1			NR47
Fenarimol	ug/L	<0.1	<0.1			NR47
Flusilazole	ug/L	<0.1	<0.1			NR47
Hexaconazole	ug/L	<0.1	<0.1			NR47
Imazalil	ug/L	<0.1	<0.1			NR47
Iprodione	ug/L	<0.1	<0.1			NR47
Metalaxyl	ug/L	<0.1	<0.1			NR47
Penconazole	ug/L	<0.1	<0.1			NR47
Prochloraz	ug/L	<0.1	<0.1			NR47
Procymidone	ug/L	<0.1	<0.1			NR47
Propiconazole I	ug/L	<0.1	<0.1			NR47
Propiconazole II	ug/L	<0.1	<0.1			NR47
Pyrimethanil	ug/L	<0.1	<0.1			NR47
Tebuconazole	ug/L	<0.1	<0.1			NR47
Vinclozolin	ug/L	<0.1	<0.1			NR47
o-Phenylphenol	ug/L	<0.1	<0.1			NR47
<b>Carbamates</b>						
Carbaryl	ug/L	<0.1	<0.1			NR47
Fenoxycarb	ug/L	<0.1	<0.1			NR47
Pirimicarb	ug/L	<0.1	<0.1			NR47
<b>Herbicides</b>						
Atrazine	ug/L	0.26	0.22			NR47
Diuron	ug/L	<0.1	<0.1			NR47
Hexazinone	ug/L	<0.1	<0.1			NR47
Linuron	ug/L	<0.1	<0.1			NR47
Metolachlor	ug/L	0.12	<0.1			NR47
Molinate	ug/L	<0.1	<0.1			NR47

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Date Sampled		21-MAY-2024	20-MAY-2024			
Sample Reference		DBRH-Z-20	DBRH-Z-29			
	Units					Method
<b>Herbicides</b>						
Oxyfluorfen	ug/L	<0.1	<0.1			NR47
Pendimethalin	ug/L	<0.1	<0.1			NR47
Prometryn	ug/L	<0.1	<0.1			NR47
Simazine	ug/L	<0.1	0.16			NR47
Trifluralin	ug/L	<0.1	<0.1			NR47
<b>Miscellaneous</b>						
Buprofezin	ug/L	<0.1	<0.1			NR47
Methoprene	ug/L	<0.1	<0.1			NR47
Piperonyl Butoxide	ug/L	<0.1	<0.1			NR47
Propargite	ug/L	<0.1	<0.1			NR47
Tebufenpyrad	ug/L	<0.1	<0.1			NR47
Tetradifon	ug/L	<0.1	<0.1			NR47
<b>Dates</b>						
Date extracted/1		3-JUN-2024	3-JUN-2024			
Date extracted/2		3-JUN-2024	3-JUN-2024			
Date analysed/1		3-JUN-2024	3-JUN-2024			
Date analysed/2		4-JUN-2024	4-JUN-2024			

Organics - NSW  
Accreditation No. 198

05-JUN-2024



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This report shall not be reproduced except in full.  
Results relate only to the sample(s) as received and tested.

\* Denotes the analyte or test method is not within our ISO/IEC 17025 scope of accreditation.

Measurement Uncertainty is available upon request.

Note: Sampling date(s) have been provided by the client.

National Measurement Institute

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The testing was undertaken at:

