



REPORT OF ANALYSIS

Page: 1 of 9

Report No. RN1431349

Client : (DO NOT USE. NEW CODE: DEPT91) DCCEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION [REDACTED]	Job No. : EPA11/240531 Quote No. : QT-02257 Order No. : Date Received : 31-MAY-2024 Sampled By : CLIENT
Attention : [REDACTED] Project Name : Your Client Services Manager : [REDACTED]	Phone : [REDACTED]

Lab Reg No.	Sample Ref	Sample Description
N24/12127	DBRH-Z-11	WATER 23/05/2024
N24/12128	DBRH-Z-12	WATER 23/05/2024
N24/12129	DBRH-Z-17	WATER 27/05/2024
N24/12130	DBRH-Z-22	WATER 28/05/2024

Lab Reg No.		N24/12127	N24/12128	N24/12129	N24/12130	
Date Sampled		Not Provided	Not Provided	Not Provided	Not Provided	
Sample Reference		DBRH-Z-11	DBRH-Z-12	DBRH-Z-17	DBRH-Z-22	
	Units					Method
Organochlorine (OC) Pesticides						
HCB	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Endrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Surrogate: DF-DDE	%REC	111	99	98	93	NR47
Phenoxy Acid Herbicides						
Clopyralid	ug/L	<1	<1	<1	<1	NGCMS_1117
Fluroxypyr	ug/L	<1	<1	<1	<1	NGCMS_1117

Accredited for compliance with ISO/IEC 17025 - Testing

REPORT OF ANALYSIS

Page: 2 of 9
Report No. RN1431349

Lab Reg No.		N24/12127	N24/12128	N24/12129	N24/12130	
Date Sampled		Not Provided	Not Provided	Not Provided	Not Provided	
Sample Reference	Units	DBRH-Z-11	DBRH-Z-12	DBRH-Z-17	DBRH-Z-22	Method
LC-MS/MS Screen						
Tebuthiuron	ug/L	< 1	< 1	< 1	< 1	NR51
Terbutylazine	ug/L	< 1	< 1	< 1	< 1	NR51
Organophosphate (OP) Pesticides						
Dichlorvos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Demeton-S-methyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Diazinon	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Dimethoate	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Chlorpyrifos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Chlorpyrifos methyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Malathion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Fenthion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Ethion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Fenitrothion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Chlorfenvinphos (E)	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Chlorfenvinphos (Z)	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Parathion (ethyl)	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Parathion methyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Pirimiphos methyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Pirimiphos ethyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Azinphos methyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Azinphos ethyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Bromophos ethyl	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Carbophenothion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Coumaphos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Dioxathion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Fenamiphos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Fenchlorphos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Formothion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Methacrifos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Methidathion	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Mevinphos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Phorate	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Phosalone	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Profenophos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Prothiofos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Thiometon	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Triazophos	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Surrogate: TPP	%REC	119	107	108	103	NR47
Synthetic Pyrethroids						
Bifenthrin	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47
Bioresmethrin	ug/L	< 0.1	< 0.1	< 0.1	< 0.1	NR47

REPORT OF ANALYSIS

Page: 3 of 9
Report No. RN1431349

Lab Reg No.		N24/12127	N24/12128	N24/12129	N24/12130	
Date Sampled		Not Provided	Not Provided	Not Provided	Not Provided	
Sample Reference	Units	DBRH-Z-11	DBRH-Z-12	DBRH-Z-17	DBRH-Z-22	Method
Synthetic Pyrethroids						
Cyfluthrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Fungicides						
Bupirimate	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole II	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Carbamates						
Carbaryl	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Herbicides						
Atrazine	ug/L	0.33	0.19	0.27	0.24	NR47
Diuron	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	ug/L	0.84	0.74	0.17	0.11	NR47

REPORT OF ANALYSIS

Page: 4 of 9
Report No. RN1431349

Lab Reg No.	Units	N24/12127	N24/12128	N24/12129	N24/12130	Method
Date Sampled		Not Provided	Not Provided	Not Provided	Not Provided	
Sample Reference		DBRH-Z-11	DBRH-Z-12	DBRH-Z-17	DBRH-Z-22	
Herbicides						
Molinate	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	ug/L	<0.1	<0.1	<0.1	0.10	NR47
Trifluralin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Miscellaneous						
Buprofezin	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	ug/L	<0.1	<0.1	<0.1	<0.1	NR47
Dates						
Date extracted		5-JUN-2024	5-JUN-2024	5-JUN-2024	5-JUN-2024	
Date analysed		5-JUN-2024	5-JUN-2024	5-JUN-2024	5-JUN-2024	



Organics - NSW
Accreditation No. 198

12-JUN-2024



National Measurement Institute

REPORT OF ANALYSIS

Page: 5 of 9

Report No. RN1431349

Client : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> Attention : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> Project Name : Your Client Services Manager : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>	Job No. : EPA11/240531 Quote No. : QT-02257 Order No. : Date Received : 31-MAY-2024 Sampled By : CLIENT Phone : <div style="background-color: black; width: 80px; height: 15px; display: inline-block;"></div>
--	---

Lab Reg No.	Sample Ref	Sample Description
N24/12131	DBRH-Z-23	WATER 27/05/2024
N24/12132	DBRH-Z-24	WATER 27/05/2024

Lab Reg No.		N24/12131	N24/12132			
Date Sampled		Not Provided	Not Provided			
Sample Reference		DBRH-Z-23	DBRH-Z-24			
	Units					Method
Organochlorine (OC) Pesticides						
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	104	91			NR47
Phenoxy Acid Herbicides						
Clopyralid	ug/L	<1	<1			NGCMS_1117
Fluroxypyr	ug/L	<1	<1			NGCMS_1117
LC-MS/MS Screen						
Tebuthiuron	ug/L	<1	<1			NR51



REPORT OF ANALYSIS

Page: 6 of 9
Report No. RN1431349

Lab Reg No.		N24/12131	N24/12132			
Date Sampled		Not Provided	Not Provided			
Sample Reference		DBRH-Z-23	DBRH-Z-24			
	Units					Method
LC-MS/MS Screen						
Terbutylazine	ug/L	< 1	< 1			NR51
Organophosphate (OP) Pesticides						
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	113	100			NR47
Synthetic Pyrethroids						
Bifenthrin	ug/L	< 0.1	< 0.1			NR47
Bioresmethrin	ug/L	< 0.1	< 0.1			NR47
Cyfluthrin	ug/L	< 0.1	< 0.1			NR47

REPORT OF ANALYSIS

Page: 7 of 9
Report No. RN1431349

Lab Reg No.		N24/12131	N24/12132			
Date Sampled		Not Provided	Not Provided			
Sample Reference		DBRH-Z-23	DBRH-Z-24			
	Units					Method
Synthetic Pyrethroids						
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
Fungicides						
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
Carbamates						
Carbaryl	ug/L	<0.1	<0.1			NR47
Fenoxycarb	ug/L	<0.1	<0.1			NR47
Pirimicarb	ug/L	<0.1	<0.1			NR47
Herbicides						
Atrazine	ug/L	0.19	0.15			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	<0.1	<0.1			NR47
Molinate	ug/L	<0.1	<0.1			NR47

REPORT OF ANALYSIS

Page: 8 of 9
Report No. RN1431349

Lab Reg No.		N24/12131	N24/12132			
Date Sampled		Not Provided	Not Provided			
Sample Reference		DBRH-Z-23	DBRH-Z-24			
	Units					Method
Herbicides						
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	0.13			NR47
Trifluralin	ug/L	<0.1	<0.1			NR47
Miscellaneous						
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
Dates						
Date extracted		5-JUN-2024	5-JUN-2024			
Date analysed		5-JUN-2024	5-JUN-2024			



Organics - NSW
Accreditation No. 198

12-JUN-2024



Accredited for compliance with ISO/IEC 17025 - Testing.
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

REPORT OF ANALYSIS

Page: 9 of 9
Report No. RN1431349

The testing was undertaken at:



N a t i o n a l M e a s u r e m e n t I n s t i t u t e