



REPORT OF ANALYSIS

Client :	DEPARTMENT OF CLIMATE CHANGE, ENERGY, THE ENVIRONM	Job No. :	DEPT91/241115
Attention :	[REDACTED]	Quote No. :	QT-02294
Project Name :	[REDACTED]	Order No. :	
Your Client Services Manager :	[REDACTED]	Date Received :	15-NOV-2024
		Sampled By :	CLIENT
		Phone :	[REDACTED]

Lab Reg No.	Sample Ref	Sample Description
N24/023173	S9	WATER 10/11/2024 0:00
N24/023175	S29	WATER 11/11/2024 0:00

Lab Reg No.	Units	N24/023173	N24/023175	Method
Date Sampled		10-NOV-2024	11-NOV-2024	
Sample Reference		S9	S29	
Organochlorine (OC) Pesticides				
HCB	ug/L	<0.01	<0.01	NR47
Heptachlor	ug/L	<0.01	<0.01	NR47
Heptachlor epoxide	ug/L	<0.01	<0.01	NR47
Aldrin	ug/L	<0.01	<0.01	NR47
gamma-BHC(Lindane)	ug/L	<0.01	<0.01	NR47
alpha-BHC	ug/L	<0.01	<0.01	NR47
beta-BHC	ug/L	<0.01	<0.01	NR47
delta-BHC	ug/L	<0.01	<0.01	NR47
trans-Chlordane	ug/L	<0.01	<0.01	NR47
cis-Chlordane	ug/L	<0.01	<0.01	NR47
Oxychlordane	ug/L	<0.01	<0.01	NR47
Dieldrin	ug/L	<0.01	<0.01	NR47
p,p-DDE	ug/L	<0.01	<0.01	NR47
p,p-DDD	ug/L	<0.01	<0.01	NR47
p,p-DDT	ug/L	<0.01	<0.01	NR47
Endrin	ug/L	<0.01	<0.01	NR47
Endrin aldehyde	ug/L	<0.01	<0.01	NR47
Endrin Ketone	ug/L	<0.01	<0.01	NR47
alpha-Endosulfan	ug/L	<0.01	<0.01	NR47
beta-Endosulfan	ug/L	<0.01	<0.01	NR47
Endosulfan sulfate	ug/L	<0.01	<0.01	NR47
Methoxychlor	ug/L	<0.01	<0.01	NR47
Dicofol	ug/L	<0.01	<0.01	NR47
Surrogate: DF-DDE	%REC	76	78	NR47
Herbicides				
Glyphosate	ug/L	<10	<10	NR53
AMPA	ug/L	<10	<10	NR53
Glufosinate	ug/L	<10	<10	NR53
Phenoxy Acid Herbicides				
Dicamba	ug/L	<1	<1	NGCMS_1117

REPORT OF ANALYSIS

Page: 2 of 11
Report No. RN1448390

Lab Reg No.		N24/023173	N24/023175			
Date Sampled		10-NOV-2024	11-NOV-2024			
Sample Reference	Units	S9	S29			Method
Phenoxy Acid Herbicides						
MCPA	ug/L	<1	<1			NGCMS_1117
Dichlorprop	ug/L	<1	<1			NGCMS_1117
2,4-D	ug/L	<1	<1			NGCMS_1117
2,4,5-T	ug/L	<1	<1			NGCMS_1117
2,4,5-TP	ug/L	<1	<1			NGCMS_1117
2,4-DB	ug/L	<1	<1			NGCMS_1117
MCPP	ug/L	<1	<1			NGCMS_1117
Triclopyr	ug/L	<1	<1			NGCMS_1117
Picloram	ug/L	<1	<1			NGCMS_1117
Clopyralid	ug/L	<1	<1			NGCMS_1117
Fluroxypyr	ug/L	<1	<1			NGCMS_1117
LC-MS/MS Screen						
Acephate	ug/L	<2	<2			NR51
Aldicarb	ug/L	<1	<1			NR51
Bensulfuron methyl	ug/L	<2	<2			NR51
Bromacil	ug/L	<1	<1			NR51
Carbaryl	ug/L	<1	<1			NR51
Carbendazim	ug/L	<1	<1			NR51
Carbofuran	ug/L	<1	<1			NR51
Carbofuran-3-hydroxy	ug/L	<1	<1			NR51
Chlortoluron	ug/L	<5	<5			NR51
Cyanazine	ug/L	<1	<1			NR51
Diuron	ug/L	<1	<1			NR51
Endothal	ug/L	<2	<2			NR51
Fipronil	ug/L	<2	<2			NR51
Imazalil	ug/L	<5	<5			NR51
Imazethapyr	ug/L	<1	<1			NR51
Imidacloprid	ug/L	<1	<1			NR51
Isoproturon	ug/L	<1	<1			NR51
Linuron	ug/L	<5	<5			NR51
Metalaxyl	ug/L	<1	<1			NR51
Methamidophos	ug/L	<1	<1			NR51
Methomyl	ug/L	<1	<1			NR51
Metolachlor	ug/L	<2	<2			NR51
Metsulfuron methyl	ug/L	<1	<1			NR51
Monocrotophos	ug/L	<2	<2			NR51
Omethoate	ug/L	<1	<1			NR51
Oxamyl (Thixamyl)	ug/L	<1	<1			NR51
Pirimicarb	ug/L	<1	<1			NR51
Propazine	ug/L	<1	<1			NR51
Pyriproxifen	ug/L	<5	<5			NR51

REPORT OF ANALYSIS

Page: 3 of 11
Report No. RN1448390

Lab Reg No.		N24/023173	N24/023175			
Date Sampled		10-NOV-2024	11-NOV-2024			
Sample Reference	Units	S9	S29			Method
LC-MS/MS Screen						
Sethoxydim	ug/L	< 1	< 1			NR5 1
Tebuconazole	ug/L	< 2	< 2			NR5 1
Tebuthiuron	ug/L	< 1	< 1			NR5 1
Temephos	ug/L	< 2	< 2			NR5 1
Terbutylazine	ug/L	< 1	< 1			NR5 1
Thiabendazole	ug/L	< 1	< 1			NR5 1
Thiodicarb	ug/L	< 5	< 5			NR5 1
Triadimefon	ug/L	< 1	< 1			NR5 1
Vamidotion	ug/L	< 1	< 1			NR5 1
Organophosphorus Pesticides (OPP)						
Dichlorvos	ug/L	< 0.01	< 0.01			NR47
Demeton-S-methyl	ug/L	< 0.01	< 0.01			NR47
Diazinon	ug/L	< 0.01	< 0.01			NR47
Dimethoate	ug/L	< 0.01	< 0.01			NR47
Chlorpyrifos	ug/L	< 0.01	< 0.01			NR47
Chlorpyrifos methyl	ug/L	< 0.01	< 0.01			NR47
Malathion	ug/L	< 0.01	< 0.01			NR47
Fenthion	ug/L	< 0.01	< 0.01			NR47
Ethion	ug/L	< 0.01	< 0.01			NR47
Fenitrothion	ug/L	< 0.01	< 0.01			NR47
Chlorfenvinphos (E)	ug/L	< 0.01	< 0.01			NR47
Chlorfenvinphos (Z)	ug/L	< 0.01	< 0.01			NR47
Parathion (ethyl)	ug/L	< 0.01	< 0.01			NR47
Parathion methyl	ug/L	< 0.01	< 0.01			NR47
Pirimiphos methyl	ug/L	< 0.01	< 0.01			NR47
Pirimiphos ethyl	ug/L	< 0.01	< 0.01			NR47
Azinphos methyl	ug/L	< 0.01	< 0.01			NR47
Azinphos ethyl	ug/L	< 0.01	< 0.01			NR47
Bromophos ethyl	ug/L	< 0.01	< 0.01			NR47
Carbophenothion	ug/L	< 0.01	< 0.01			NR47
Coumaphos	ug/L	< 0.01	< 0.01			NR47
Dioxathion	ug/L	< 0.01	< 0.01			NR47
Fenamiphos	ug/L	< 0.01	< 0.01			NR47
Fenchlorphos	ug/L	< 0.01	< 0.01			NR47
Formothion	ug/L	< 0.01	< 0.01			NR47
Methacrifos	ug/L	< 0.01	< 0.01			NR47
Methidathion	ug/L	< 0.01	< 0.01			NR47
Mevinphos	ug/L	< 0.01	< 0.01			NR47
Phorate	ug/L	< 0.01	< 0.01			NR47
Phosalone	ug/L	< 0.01	< 0.01			NR47
Profenophos	ug/L	< 0.01	< 0.01			NR47

REPORT OF ANALYSIS

Page: 4 of 11
Report No. RN1448390

Lab Reg No.		N24/023173	N24/023175			
Date Sampled		10-NOV-2024	11-NOV-2024			
Sample Reference		S9	S29			
	Units					Method
Organophosphorus Pesticides (OPP)						
Prothiofos	ug/L	<0.01	<0.01			NR47
Thiometon	ug/L	<0.01	<0.01			NR47
Triazophos	ug/L	<0.01	<0.01			NR47
Surrogate: TPP	%REC	82	85			NR47
Synthetic Pyrethroids						
Bifenthrin	ug/L	<0.01	<0.01			NR47
Bioresmethrin	ug/L	<0.01	<0.01			NR47
Cyfluthrin	ug/L	<0.01	<0.01			NR47
Cyhalothrin	ug/L	<0.01	<0.01			NR47
Cypermethrin	ug/L	<0.01	<0.01			NR47
Deltamethrin	ug/L	<0.01	<0.01			NR47
Fenvalerate	ug/L	<0.01	<0.01			NR47
Permethrin	ug/L	<0.01	<0.01			NR47
Phenothrin	ug/L	<0.01	<0.01			NR47
Fungicides						
Bupirimate	ug/L	<0.01	<0.01			NR47
Chlorothalonil	ug/L	<0.01	<0.01			NR47
Cyprodinil	ug/L	<0.01	<0.01			NR47
Dichlofluanid	ug/L	<0.01	<0.01			NR47
Dicloran	ug/L	<0.01	<0.01			NR47
Difenoconazole	ug/L	<0.01	<0.01			NR47
Dimethomorph	ug/L	<0.01	<0.01			NR47
Diphenylamine	ug/L	<0.01	<0.01			NR47
Fenarimol	ug/L	<0.01	<0.01			NR47
Flusilazole	ug/L	<0.01	<0.01			NR47
Hexaconazole	ug/L	<0.01	<0.01			NR47
Imazalil	ug/L	<0.01	<0.01			NR47
Iprodione	ug/L	<0.01	<0.01			NR47
Metalaxyl	ug/L	<0.01	<0.01			NR47
Penconazole	ug/L	<0.01	<0.01			NR47
Prochloraz	ug/L	<0.01	<0.01			NR47
Procymidone	ug/L	<0.01	<0.01			NR47
Propiconazole I	ug/L	<0.01	<0.01			NR47
Propiconazole II	ug/L	<0.01	<0.01			NR47
Pyrimethanil	ug/L	<0.01	<0.01			NR47
Tebuconazole	ug/L	<0.01	<0.01			NR47
Vinclozolin	ug/L	<0.01	<0.01			NR47
o-Phenylphenol	ug/L	<0.01	<0.01			NR47
Carbamates						
Carbaryl	ug/L	<0.01	<0.01			NR47
Fenoxycarb	ug/L	<0.01	<0.01			NR47

REPORT OF ANALYSIS

Page: 5 of 11
Report No. RN1448390

Lab Reg No.		N24/023173	N24/023175			
Date Sampled		10-NOV-2024	11-NOV-2024			
Sample Reference	Units	S9	S29			Method
Carbamates						
Pirimicarb	ug/L	<0.01	<0.01			NR47
Herbicides						
Atrazine	ug/L	0.058	0.13			NR47
Diuron	ug/L	0.045	<0.01			NR47
Hexazinone	ug/L	<0.01	<0.01			NR47
Linuron	ug/L	<0.01	<0.01			NR47
Metolachlor	ug/L	0.046	<0.01			NR47
Molinate	ug/L	<0.01	<0.01			NR47
Oxyfluorfen	ug/L	<0.01	<0.01			NR47
Pendimethalin	ug/L	<0.01	<0.01			NR47
Prometryn	ug/L	<0.01	<0.01			NR47
Simazine	ug/L	0.073	0.066			NR47
Trifluralin	ug/L	<0.01	<0.01			NR47
Miscellaneous						
Buprofezin	ug/L	<0.01	<0.01			NR47
Methoprene	ug/L	<0.01	<0.01			NR47
Piperonyl Butoxide	ug/L	<0.01	<0.01			NR47
Propargite	ug/L	<0.01	<0.01			NR47
Tebufenpyrad	ug/L	<0.01	<0.01			NR47
Tetradifon	ug/L	<0.01	<0.01			NR47
Dates						
Date extracted		15-NOV-2024	15-NOV-2024			
Date analysed		18-NOV-2024	18-NOV-2024			

Organics - NSW
Accreditation No. 198

26-NOV-2024

REPORT OF ANALYSIS

Page: 6 of 11

Report No. RN1448390

Client	: DEPARTMENT OF CLIMATE CHANGE, ENERGY, THE ENVIRONM	Job No.	: DEPT91/241115
		Quote No.	: QT-02294
Attention		Order No.	:
Project Name		Date Received	: 15-NOV-2024
Your Client Services Manager		Sampled By	: CLIENT
		Phone	:

Lab Reg No.	Sample Ref	Sample Description
N24/023174	S17	WATER 13/11/2024 0:00

Lab Reg No.	Sample Ref	Units	N24/023174	13-NOV-2024	S17	Method
Organochlorine (OC) Pesticides						
HCB	ug/L	<0.01				NR47
Heptachlor	ug/L	<0.01				NR47
Heptachlor epoxide	ug/L	<0.01				NR47
Aldrin	ug/L	<0.01				NR47
gamma-BHC(Lindane)	ug/L	<0.01				NR47
alpha-BHC	ug/L	<0.01				NR47
beta-BHC	ug/L	<0.01				NR47
delta-BHC	ug/L	<0.01				NR47
trans-Chlordane	ug/L	<0.01				NR47
cis-Chlordane	ug/L	<0.01				NR47
Oxychlordane	ug/L	<0.01				NR47
Dieldrin	ug/L	<0.01				NR47
p,p-DDE	ug/L	<0.01				NR47
p,p-DDD	ug/L	<0.01				NR47
p,p-DDT	ug/L	<0.01				NR47
Endrin	ug/L	<0.01				NR47
Endrin aldehyde	ug/L	<0.01				NR47
Endrin Ketone	ug/L	<0.01				NR47
alpha-Endosulfan	ug/L	<0.01				NR47
beta-Endosulfan	ug/L	<0.01				NR47
Endosulfan sulfate	ug/L	<0.01				NR47
Methoxychlor	ug/L	<0.01				NR47
Dicofol	ug/L	<0.01				NR47
Surrogate: DF-DDE	%REC	83				NR47
Phenoxy Acid Herbicides						
Dicamba	ug/L	<1				NGCMS_1117
MCPA	ug/L	<1				NGCMS_1117
Dichlorprop	ug/L	<1				NGCMS_1117
2,4-D	ug/L	<1				NGCMS_1117
2,4,5-T	ug/L	<1				NGCMS_1117

REPORT OF ANALYSIS

Page: 7 of 11
Report No. RN1448390

Lab Reg No.			N24/023174			
Date Sampled			13-NOV-2024			
Sample Reference			S17			
	Units					Method
Phenoxy Acid Herbicides						
2,4,5-TP	ug/L	<1				NGCMS_1117
2,4-DB	ug/L	<1				NGCMS_1117
MCP	ug/L	<1				NGCMS_1117
Triclopyr	ug/L	<1				NGCMS_1117
Picloram	ug/L	<1				NGCMS_1117
Clopyralid	ug/L	<1				NGCMS_1117
Fluroxypyr	ug/L	<1				NGCMS_1117
LC-MS/MS Screen						
Acephate	ug/L	<2				NR51
Aldicarb	ug/L	<1				NR51
Bensulfuron methyl	ug/L	<2				NR51
Bromacil	ug/L	<1				NR51
Carbaryl	ug/L	<1				NR51
Carbendazim	ug/L	<1				NR51
Carbofuran	ug/L	<1				NR51
Carbofuran-3-hydroxy	ug/L	<1				NR51
Chlortoluron	ug/L	<5				NR51
Cyanazine	ug/L	<1				NR51
Diuron	ug/L	<1				NR51
Endothal	ug/L	<2				NR51
Fipronil	ug/L	<2				NR51
Imazalil	ug/L	<5				NR51
Imazethapyr	ug/L	<1				NR51
Imidacloprid	ug/L	<1				NR51
Isoproturon	ug/L	<1				NR51
Linuron	ug/L	<5				NR51
Metalaxyl	ug/L	<1				NR51
Methamidophos	ug/L	<1				NR51
Methomyl	ug/L	<1				NR51
Metolachlor	ug/L	<2				NR51
Metsulfuron methyl	ug/L	<1				NR51
Monocrotophos	ug/L	<2				NR51
Omethoate	ug/L	<1				NR51
Oxamyl (Thixamyl)	ug/L	<1				NR51
Pirimicarb	ug/L	<1				NR51
Propazine	ug/L	<1				NR51
Pyriproxifen	ug/L	<5				NR51
Sethoxydim	ug/L	<1				NR51
Tebuconazole	ug/L	<2				NR51
Tebuthiuron	ug/L	<1				NR51
Temephos	ug/L	<2				NR51

REPORT OF ANALYSIS

Page: 8 of 11
Report No. RN1448390

Lab Reg No.			N24/023174			
Date Sampled			13-NOV-2024			
Sample Reference			S17			
		Units				Method
LC-MS/MS Screen						
Terbutylazine	ug/L	< 1				NR5 1
Thiabendazole	ug/L	< 1				NR5 1
Thiodicarb	ug/L	< 5				NR5 1
Triadimefon	ug/L	< 1				NR5 1
Vamidithion	ug/L	< 1				NR5 1
Organophosphorus Pesticides (OPP)						
Dichlorvos	ug/L	< 0.01				NR47
Demeton-S-methyl	ug/L	< 0.01				NR47
Diazinon	ug/L	< 0.01				NR47
Dimethoate	ug/L	< 0.01				NR47
Chlorpyrifos	ug/L	< 0.01				NR47
Chlorpyrifos methyl	ug/L	< 0.01				NR47
Malathion	ug/L	< 0.01				NR47
Fenthion	ug/L	< 0.01				NR47
Ethion	ug/L	< 0.01				NR47
Fenitrothion	ug/L	< 0.01				NR47
Chlorfenvinphos (E)	ug/L	< 0.01				NR47
Chlorfenvinphos (Z)	ug/L	< 0.01				NR47
Parathion (ethyl)	ug/L	< 0.01				NR47
Parathion methyl	ug/L	< 0.01				NR47
Pirimiphos methyl	ug/L	< 0.01				NR47
Pirimiphos ethyl	ug/L	< 0.01				NR47
Azinphos methyl	ug/L	< 0.01				NR47
Azinphos ethyl	ug/L	< 0.01				NR47
Bromophos ethyl	ug/L	< 0.01				NR47
Carbophenothion	ug/L	< 0.01				NR47
Coumaphos	ug/L	< 0.01				NR47
Dioxathion	ug/L	< 0.01				NR47
Fenamiphos	ug/L	< 0.01				NR47
Fenchlorphos	ug/L	< 0.01				NR47
Formothion	ug/L	< 0.01				NR47
Methacrifos	ug/L	< 0.01				NR47
Methidathion	ug/L	< 0.01				NR47
Mevinphos	ug/L	< 0.01				NR47
Phorate	ug/L	< 0.01				NR47
Phosalone	ug/L	< 0.01				NR47
Profenophos	ug/L	< 0.01				NR47
Prothiofos	ug/L	< 0.01				NR47
Thiometon	ug/L	< 0.01				NR47
Triazophos	ug/L	< 0.01				NR47
Surrogate: TPP	%REC	86				NR47

REPORT OF ANALYSIS

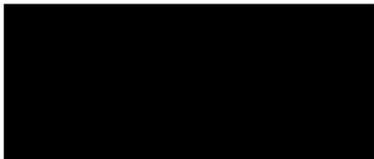
Page: 9 of 11
Report No. RN1448390

Lab Reg No.			N24/023174			
Date Sampled			13-NOV-2024			
Sample Reference		Units	S17			Method
Synthetic Pyrethroids						
Bifenthrin	ug/L	<0.01				NR47
Bioresmethrin	ug/L	<0.01				NR47
Cyfluthrin	ug/L	<0.01				NR47
Cyhalothrin	ug/L	<0.01				NR47
Cypermethrin	ug/L	<0.01				NR47
Deltamethrin	ug/L	<0.01				NR47
Fenvalerate	ug/L	<0.01				NR47
Permethrin	ug/L	<0.01				NR47
Phenothrin	ug/L	<0.01				NR47
Fungicides						
Bupirimate	ug/L	<0.01				NR47
Chlorothalonil	ug/L	<0.01				NR47
Cyprodinil	ug/L	<0.01				NR47
Dichlofluanid	ug/L	<0.01				NR47
Dicloran	ug/L	<0.01				NR47
Difenoconazole	ug/L	<0.01				NR47
Dimethomorph	ug/L	<0.01				NR47
Diphenylamine	ug/L	<0.01				NR47
Fenarimol	ug/L	<0.01				NR47
Flusilazole	ug/L	<0.01				NR47
Hexaconazole	ug/L	<0.01				NR47
Imazalil	ug/L	<0.01				NR47
Iprodione	ug/L	<0.01				NR47
Metalaxyl	ug/L	<0.01				NR47
Penconazole	ug/L	<0.01				NR47
Prochloraz	ug/L	<0.01				NR47
Procymidone	ug/L	<0.01				NR47
Propiconazole I	ug/L	<0.01				NR47
Propiconazole II	ug/L	<0.01				NR47
Pyrimethanil	ug/L	<0.01				NR47
Tebuconazole	ug/L	<0.01				NR47
Vinclozolin	ug/L	<0.01				NR47
o-Phenylphenol	ug/L	<0.01				NR47
Carbamates						
Carbaryl	ug/L	<0.01				NR47
Fenoxycarb	ug/L	<0.01				NR47
Pirimicarb	ug/L	<0.01				NR47
Herbicides						
Atrazine	ug/L	0.10				NR47
Diuron	ug/L	0.044				NR47
Hexazinone	ug/L	<0.01				NR47

REPORT OF ANALYSIS

Page: 10 of 11
Report No. RN1448390

Lab Reg No.			N24/023174				
Date Sampled			13-NOV-2024				
Sample Reference			S17				
		Units					Method
Herbicides							
Linuron	ug/L		<0.01				NR47
Metolachlor	ug/L		0.050				NR47
Molinate	ug/L		<0.01				NR47
Oxyfluorfen	ug/L		<0.01				NR47
Pendimethalin	ug/L		<0.01				NR47
Prometryn	ug/L		<0.01				NR47
Simazine	ug/L		0.072				NR47
Trifluralin	ug/L		<0.01				NR47
Miscellaneous							
Buprofezin	ug/L		<0.01				NR47
Methoprene	ug/L		<0.01				NR47
Piperonyl Butoxide	ug/L		<0.01				NR47
Propargite	ug/L		<0.01				NR47
Tebufenpyrad	ug/L		<0.01				NR47
Tetradifon	ug/L		<0.01				NR47
Dates							
Date extracted			15-NOV-2024				
Date analysed			18-NOV-2024				



Organics - NSW
Accreditation No. 198

26-NOV-2024



REPORT OF ANALYSIS

Page: 11 of 11
Report No. RN1448390



WORLD RECOGNISED
ACCREDITATION

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.

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