



REPORT OF ANALYSIS

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Report No. RN1447431

Client	: DEPARTMENT OF CLIMATE CHANGE, ENERGY, THE ENVIRONM	Job No.	: DEPT91/241108
		Quote No.	: QT-02294
		Order No.	:
Attention	:	Date Received	: 08-NOV-2024
Project Name	:	Sampled By	: CLIENT
Your Client Services Manager	:	Phone	:

Lab Reg No.	Sample Ref	Sample Description
N24/022656	S1	WATER 04/11/2024 16:25
N24/022658	S4	WATER 04/11/2024 19:15
N24/022661	S11	WATER 01/11/2024 10:00
N24/022662	S11-DUPE	WATER 01/11/2024 10:00

Lab Reg No.		N24/022656	N24/022658	N24/022661	N24/022662	
Date Sampled		04-NOV-2024	04-NOV-2024	01-NOV-2024	01-NOV-2024	
Sample Reference		S1	S4	S11	S11-DUPE	
	Units					Method
<b>Organochlorine (OC) Pesticides</b>						
HCB	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Heptachlor	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Heptachlor epoxide	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Aldrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
gamma-BHC(Lindane)	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
alpha-BHC	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
beta-BHC	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
delta-BHC	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
trans-Chlordane	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
cis-Chlordane	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Oxychlordane	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Dieldrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
p,p-DDE	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
p,p-DDD	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
p,p-DDT	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Endrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Endrin aldehyde	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Endrin Ketone	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
alpha-Endosulfan	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
beta-Endosulfan	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Endosulfan sulfate	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Methoxychlor	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Dicofol	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Surrogate: DF-DDE	%REC	74	79	78	84	NR47
<b>Herbicides</b>						
Glyphosate	ug/L	<10	<10	<10	<10	NR53
AMPA	ug/L	<10	<10	<10	<10	NR53

Accredited for compliance with ISO/IEC 17025 - Testing

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Lab Reg No.		N24/022656	N24/022658	N24/022661	N24/022662	
Date Sampled		04-NOV-2024	04-NOV-2024	01-NOV-2024	01-NOV-2024	
Sample Reference	Units	S1	S4	S11	S11-DUPE	Method
<b>Herbicides</b>						
Glufosinate	ug/L	< 10	< 10	< 10	< 10	NR53
<b>Phenoxy Acid Herbicides</b>						
Dicamba	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
MCPA	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
Dichlorprop	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
2,4-D	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
2,4,5-T	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
2,4,5-TP	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
2,4-DB	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
MCPP	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
Triclopyr	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
Picloram	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
Clopyralid	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
Fluroxypyr	ug/L	< 1	< 1	< 1	< 1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Acephate	ug/L	< 2	< 2	< 2	< 2	NR51
Aldicarb	ug/L	< 1	< 1	< 1	< 1	NR51
Bensulfuron methyl	ug/L	< 2	< 2	< 2	< 2	NR51
Bromacil	ug/L	< 1	< 1	< 1	< 1	NR51
Carbaryl	ug/L	< 1	< 1	< 1	< 1	NR51
Carbendazim	ug/L	< 1	< 1	< 1	< 1	NR51
Carbofuran	ug/L	< 1	< 1	< 1	< 1	NR51
Carbofuran-3-hydroxy	ug/L	< 1	< 1	< 1	< 1	NR51
Chlortoluron	ug/L	< 2	< 2	< 2	< 2	NR51
Cyanazine	ug/L	< 1	< 1	< 1	< 1	NR51
Diuron	ug/L	< 1	< 1	< 1	< 1	NR51
Endothal	ug/L	< 2	< 2	< 2	< 2	NR51
Fipronil	ug/L	< 2	< 2	< 2	< 2	NR51
Imazalil	ug/L	< 5	< 5	< 5	< 5	NR51
Imazethapyr	ug/L	< 1	< 1	< 1	< 1	NR51
Imidacloprid	ug/L	< 1	< 1	< 1	< 1	NR51
Isoproturon	ug/L	< 1	< 1	< 1	< 1	NR51
Linuron	ug/L	< 5	< 5	< 5	< 5	NR51
Metalaxyl	ug/L	< 1	< 1	< 1	< 1	NR51
Methamidophos	ug/L	< 1	< 1	< 1	< 1	NR51
Methomyl	ug/L	< 1	< 1	< 1	< 1	NR51
Metolachlor	ug/L	< 2	< 2	< 2	< 2	NR51
Metsulfuron methyl	ug/L	< 1	< 1	< 1	< 1	NR51
Monocrotophos	ug/L	< 1	< 1	< 1	< 1	NR51
Omethoate	ug/L	< 1	< 1	< 1	< 1	NR51
Oxamyl (Thixamyl)	ug/L	< 1	< 1	< 1	< 1	NR51

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Lab Reg No.		N24/022656	N24/022658	N24/022661	N24/022662	
Date Sampled		04-NOV-2024	04-NOV-2024	01-NOV-2024	01-NOV-2024	
Sample Reference		S1	S4	S11	S11-DUPE	
	Units					Method
<b>LC-MS/MS Screen</b>						
Pirimicarb	ug/L	< 1	< 1	< 1	< 1	NR51
Propazine	ug/L	< 1	< 1	< 1	< 1	NR51
Pyriproxifen	ug/L	< 5	< 5	< 5	< 5	NR51
Sethoxydim	ug/L	< 1	< 1	< 1	< 1	NR51
Tebuconazole	ug/L	< 2	< 2	< 2	< 2	NR51
Tebuthiuron	ug/L	< 1	< 1	< 1	< 1	NR51
Temephos	ug/L	< 2	< 2	< 2	< 2	NR51
Terbutylazine	ug/L	< 1	< 1	< 1	< 1	NR51
Thiabendazole	ug/L	< 1	< 1	< 1	< 1	NR51
Thiodicarb	ug/L	< 5	< 5	< 5	< 5	NR51
Triadimefon	ug/L	< 1	< 1	< 1	< 1	NR51
Vamidothion	ug/L	< 1	< 1	< 1	< 1	NR51
<b>Organophosphorus Pesticides (OPP)</b>						
Dichlorvos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Demeton-S-methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Diazinon	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Dimethoate	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorpyrifos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorpyrifos methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Malathion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenthion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Ethion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenitrothion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorfenvinphos (E)	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorfenvinphos (Z)	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Parathion (ethyl)	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Parathion methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Pirimiphos methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Pirimiphos ethyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Azinphos methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Azinphos ethyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Bromophos ethyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Carbophenothion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Coumaphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Dioxathion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenamiphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenchlorphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Formothion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Methacrifos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Methidathion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Mevinphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	NR47



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Lab Reg No.		N24/022656	N24/022658	N24/022661	N24/022662	
Date Sampled		04-NOV-2024	04-NOV-2024	01-NOV-2024	01-NOV-2024	
Sample Reference		S1	S4	S11	S11-DUPE	
	Units					Method
<b>Organophosphorus Pesticides (OPP)</b>						
Phorate	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Phosalone	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Profenophos	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Prothiofos	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Thiometon	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Triazophos	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Surrogate: TPP	%REC	90	92	90	96	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Bioresmethrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Cyfluthrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Cyhalothrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Cypermethrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Deltamethrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Fenvalerate	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Permethrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Phenothrin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
<b>Fungicides</b>						
Bupirimate	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Chlorothalonil	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Cyprodinil	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Dichlofuanid	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Dicloran	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Difenoconazole	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Dimethomorph	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Diphenylamine	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Fenarimol	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Flusilazole	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Hexaconazole	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Imazalil	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Iprodione	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Metalaxyl	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Penconazole	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Prochloraz	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Procymidone	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Propiconazole I	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Propiconazole II	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Pyrimethanil	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Tebuconazole	ug/L	0.010	0.011	<0.01	<0.01	NR47
Vinclozolin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
o-Phenylphenol	ug/L	<0.01	<0.01	<0.01	<0.01	NR47



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Lab Reg No.		N24/022656	N24/022658	N24/022661	N24/022662	
Date Sampled		04-NOV-2024	04-NOV-2024	01-NOV-2024	01-NOV-2024	
Sample Reference	Units	S1	S4	S11	S11-DUPE	Method
<b>Carbamates</b>						
Carbaryl	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Fenoxycarb	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Pirimicarb	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
<b>Herbicides</b>						
Atrazine	ug/L	0.084	0.057	0.055	0.057	NR47
Diuron	ug/L	0.036	0.036	0.037	0.037	NR47
Hexazinone	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Linuron	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Metolachlor	ug/L	0.039	0.064	0.074	0.074	NR47
Molinate	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Oxyfluorfen	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Pendimethalin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Prometryn	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Simazine	ug/L	0.11	0.077	0.073	0.077	NR47
Trifluralin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
<b>Miscellaneous</b>						
Buprofezin	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Methoprene	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Piperonyl Butoxide	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Propargite	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Tebufenpyrad	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
Tetradifon	ug/L	<0.01	<0.01	<0.01	<0.01	NR47
<b>Dates</b>						
Date extracted		11-NOV-2024	11-NOV-2024	11-NOV-2024	11-NOV-2024	
Date analysed		12-NOV-2024	12-NOV-2024	12-NOV-2024	12-NOV-2024	

Organics - NSW  
Accreditation No. 198

19-NOV-2024

National Measurement Institute

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<b>Client</b> : DEPARTMENT OF CLIMATE CHANGE, ENERGY, THE ENVIRONM <div style="background-color: black; width: 150px; height: 40px; margin: 5px 0;"></div> <b>Attention</b> : <b>Project Name</b> : <b>Your Client Services Manager</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : DEPT91/241108 <b>Quote No.</b> : QT-02294 <b>Order No.</b> : <b>Date Received</b> : 08-NOV-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
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Lab Reg No.	Sample Ref	Sample Description
N24/022663	S12	WATER 05/11/2024 16:20
N24/022664	S20	WATER 06/11/2024 19:30
N24/022665	S22	WATER 06/11/2024 17:10

Lab Reg No.		N24/022663	N24/022664	N24/022665		
Date Sampled		05-NOV-2024	06-NOV-2024	06-NOV-2024		
Sample Reference		S12	S20	S22		
	Units					Method
<b>Organochlorine (OC) Pesticides</b>						
HCB	ug/L	<0.01	<0.01	<0.01		NR47
Heptachlor	ug/L	<0.01	<0.01	<0.01		NR47
Heptachlor epoxide	ug/L	<0.01	<0.01	<0.01		NR47
Aldrin	ug/L	<0.01	<0.01	<0.01		NR47
gamma-BHC(Lindane)	ug/L	<0.01	<0.01	<0.01		NR47
alpha-BHC	ug/L	<0.01	<0.01	<0.01		NR47
beta-BHC	ug/L	<0.01	<0.01	<0.01		NR47
delta-BHC	ug/L	<0.01	<0.01	<0.01		NR47
trans-Chlordane	ug/L	<0.01	<0.01	<0.01		NR47
cis-Chlordane	ug/L	<0.01	<0.01	<0.01		NR47
Oxychlordane	ug/L	<0.01	<0.01	<0.01		NR47
Dieldrin	ug/L	<0.01	<0.01	<0.01		NR47
p,p-DDE	ug/L	<0.01	<0.01	<0.01		NR47
p,p-DDD	ug/L	<0.01	<0.01	<0.01		NR47
p,p-DDT	ug/L	<0.01	<0.01	<0.01		NR47
Endrin	ug/L	<0.01	<0.01	<0.01		NR47
Endrin aldehyde	ug/L	<0.01	<0.01	<0.01		NR47
Endrin Ketone	ug/L	<0.01	<0.01	<0.01		NR47
alpha-Endosulfan	ug/L	<0.01	<0.01	<0.01		NR47
beta-Endosulfan	ug/L	<0.01	<0.01	<0.01		NR47
Endosulfan sulfate	ug/L	<0.01	<0.01	<0.01		NR47
Methoxychlor	ug/L	<0.01	<0.01	<0.01		NR47
Dicofol	ug/L	<0.01	<0.01	<0.01		NR47
Surrogate: DF-DDE	%REC	74	77	81		NR47
<b>Herbicides</b>						
Glyphosate	ug/L	<10	<10	<10		NR53
AMPA	ug/L	<10	<10	<10		NR53
Glufosinate	ug/L	<10	<10	<10		NR53

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Lab Reg No.		N24/022663	N24/022664	N24/022665		
Date Sampled		05-NOV-2024	06-NOV-2024	06-NOV-2024		
Sample Reference		S12	S20	S22		
	Units					Method
<b>Phenoxy Acid Herbicides</b>						
Dicamba	ug/L	< 1	< 1	< 1		NGCMS_1117
MCPA	ug/L	< 1	< 1	< 1		NGCMS_1117
Dichlorprop	ug/L	< 1	< 1	< 1		NGCMS_1117
2,4-D	ug/L	< 1	< 1	< 1		NGCMS_1117
2,4,5-T	ug/L	< 1	< 1	< 1		NGCMS_1117
2,4,5-TP	ug/L	< 1	< 1	< 1		NGCMS_1117
2,4-DB	ug/L	< 1	< 1	< 1		NGCMS_1117
MCPP	ug/L	< 1	< 1	< 1		NGCMS_1117
Triclopyr	ug/L	< 1	< 1	< 1		NGCMS_1117
Picloram	ug/L	< 1	< 1	< 1		NGCMS_1117
Clopyralid	ug/L	< 1	< 1	< 1		NGCMS_1117
Fluroxypyr	ug/L	< 1	< 1	< 1		NGCMS_1117
<b>LC-MS/MS Screen</b>						
Acephate	ug/L	< 2	< 2	< 2		NR51
Aldicarb	ug/L	< 1	< 1	< 1		NR51
Bensulfuron methyl	ug/L	< 2	< 2	< 2		NR51
Bromacil	ug/L	< 1	< 1	< 1		NR51
Carbaryl	ug/L	< 1	< 1	< 1		NR51
Carbendazim	ug/L	< 1	< 1	< 1		NR51
Carbofuran	ug/L	< 1	< 1	< 1		NR51
Carbofuran-3-hydroxy	ug/L	< 1	< 1	< 1		NR51
Chlortoluron	ug/L	< 2	< 2	< 2		NR51
Cyanazine	ug/L	< 1	< 1	< 1		NR51
Diuron	ug/L	< 1	< 1	< 1		NR51
Endothal	ug/L	< 2	< 2	< 2		NR51
Fipronil	ug/L	< 2	< 2	< 2		NR51
Imazalil	ug/L	< 5	< 5	< 5		NR51
Imazethapyr	ug/L	< 1	< 1	< 1		NR51
Imidacloprid	ug/L	< 1	< 1	< 1		NR51
Isoproturon	ug/L	< 1	< 1	< 1		NR51
Linuron	ug/L	< 5	< 5	< 5		NR51
Metalaxyl	ug/L	< 1	< 1	< 1		NR51
Methamidophos	ug/L	< 1	< 1	< 1		NR51
Methomyl	ug/L	< 1	< 1	< 1		NR51
Metolachlor	ug/L	< 2	< 2	< 2		NR51
Metsulfuron methyl	ug/L	< 1	< 1	< 1		NR51
Monocrotophos	ug/L	< 1	< 1	< 1		NR51
Omethoate	ug/L	< 1	< 1	< 1		NR51
Oxamyl (Thixamyl)	ug/L	< 1	< 1	< 1		NR51
Pirimicarb	ug/L	< 1	< 1	< 1		NR51
Propazine	ug/L	< 1	< 1	< 1		NR51



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Lab Reg No.		N24/022663	N24/022664	N24/022665		
Date Sampled		05-NOV-2024	06-NOV-2024	06-NOV-2024		
Sample Reference		S12	S20	S22		
	Units					Method
<b>LC-MS/MS Screen</b>						
Pyriproxifen	ug/L	< 5	< 5	< 5		NR51
Sethoxydim	ug/L	< 1	< 1	< 1		NR51
Tebuconazole	ug/L	< 2	< 2	< 2		NR51
Tebuthiuron	ug/L	< 1	< 1	< 1		NR51
Temephos	ug/L	< 2	< 2	< 2		NR51
Terbutylazine	ug/L	< 1	< 1	< 1		NR51
Thiabendazole	ug/L	< 1	< 1	< 1		NR51
Thiodicarb	ug/L	< 5	< 5	< 5		NR51
Triadimefon	ug/L	< 1	< 1	< 1		NR51
Vamidothion	ug/L	< 1	< 1	< 1		NR51
<b>Organophosphorus Pesticides (OPP)</b>						
Dichlorvos	ug/L	< 0.01	< 0.01	< 0.01		NR47
Demeton-S-methyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Diazinon	ug/L	< 0.01	< 0.01	< 0.01		NR47
Dimethoate	ug/L	< 0.01	< 0.01	< 0.01		NR47
Chlorpyrifos	ug/L	< 0.01	< 0.01	< 0.01		NR47
Chlorpyrifos methyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Malathion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Fenthion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Ethion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Fenitrothion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Chlorfenvinphos (E)	ug/L	< 0.01	< 0.01	< 0.01		NR47
Chlorfenvinphos (Z)	ug/L	< 0.01	< 0.01	< 0.01		NR47
Parathion (ethyl)	ug/L	< 0.01	< 0.01	< 0.01		NR47
Parathion methyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Pirimiphos methyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Pirimiphos ethyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Azinphos methyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Azinphos ethyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Bromophos ethyl	ug/L	< 0.01	< 0.01	< 0.01		NR47
Carbophenothion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Coumaphos	ug/L	< 0.01	< 0.01	< 0.01		NR47
Dioxathion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Fenamiphos	ug/L	< 0.01	< 0.01	< 0.01		NR47
Fenchlorphos	ug/L	< 0.01	< 0.01	< 0.01		NR47
Formothion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Methacrifos	ug/L	< 0.01	< 0.01	< 0.01		NR47
Methidathion	ug/L	< 0.01	< 0.01	< 0.01		NR47
Mevinphos	ug/L	< 0.01	< 0.01	< 0.01		NR47
Phorate	ug/L	< 0.01	< 0.01	< 0.01		NR47
Phosalone	ug/L	< 0.01	< 0.01	< 0.01		NR47

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Lab Reg No.		N24/022663	N24/022664	N24/022665		
Date Sampled		05-NOV-2024	06-NOV-2024	06-NOV-2024		
Sample Reference		S12	S20	S22		
	Units					Method
<b>Organophosphorus Pesticides (OPP)</b>						
Profenophos	ug/L	<0.01	<0.01	<0.01		NR47
Prothiofos	ug/L	<0.01	<0.01	<0.01		NR47
Thiometon	ug/L	<0.01	<0.01	<0.01		NR47
Triazophos	ug/L	<0.01	<0.01	<0.01		NR47
Surrogate: TPP	%REC	75	88	93		NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	ug/L	<0.01	<0.01	<0.01		NR47
Bioresmethrin	ug/L	<0.01	<0.01	<0.01		NR47
Cyfluthrin	ug/L	<0.01	<0.01	<0.01		NR47
Cyhalothrin	ug/L	<0.01	<0.01	<0.01		NR47
Cypermethrin	ug/L	<0.01	<0.01	<0.01		NR47
Deltamethrin	ug/L	<0.01	<0.01	<0.01		NR47
Fenvalerate	ug/L	<0.01	<0.01	<0.01		NR47
Permethrin	ug/L	<0.01	<0.01	<0.01		NR47
Phenothrin	ug/L	<0.01	<0.01	<0.01		NR47
<b>Fungicides</b>						
Bupirimate	ug/L	<0.01	<0.01	<0.01		NR47
Chlorothalonil	ug/L	<0.01	<0.01	<0.01		NR47
Cyprodinil	ug/L	<0.01	<0.01	<0.01		NR47
Dichlofluanid	ug/L	<0.01	<0.01	<0.01		NR47
Dicloran	ug/L	<0.01	<0.01	<0.01		NR47
Difenoconazole	ug/L	<0.01	<0.01	<0.01		NR47
Dimethomorph	ug/L	<0.01	<0.01	<0.01		NR47
Diphenylamine	ug/L	<0.01	<0.01	<0.01		NR47
Fenarimol	ug/L	<0.01	<0.01	<0.01		NR47
Flusilazole	ug/L	<0.01	<0.01	<0.01		NR47
Hexaconazole	ug/L	<0.01	<0.01	<0.01		NR47
Imazalil	ug/L	<0.01	<0.01	<0.01		NR47
Iprodione	ug/L	<0.01	<0.01	<0.01		NR47
Metalaxyl	ug/L	<0.01	<0.01	<0.01		NR47
Penconazole	ug/L	<0.01	<0.01	<0.01		NR47
Prochloraz	ug/L	<0.01	<0.01	<0.01		NR47
Procymidone	ug/L	<0.01	<0.01	<0.01		NR47
Propiconazole I	ug/L	<0.01	<0.01	<0.01		NR47
Propiconazole II	ug/L	<0.01	<0.01	<0.01		NR47
Pyrimethanil	ug/L	<0.01	<0.01	<0.01		NR47
Tebuconazole	ug/L	<0.01	<0.01	<0.01		NR47
Vinclozolin	ug/L	<0.01	<0.01	<0.01		NR47
o-Phenylphenol	ug/L	<0.01	<0.01	<0.01		NR47
<b>Carbamates</b>						
Carbaryl	ug/L	<0.01	<0.01	<0.01		NR47

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Lab Reg No.		N24/022663	N24/022664	N24/022665		
Date Sampled		05-NOV-2024	06-NOV-2024	06-NOV-2024		
Sample Reference		S12	S20	S22		
	Units					Method
<b>Carbamates</b>						
Fenoxycarb	ug/L	<0.01	<0.01	<0.01		NR47
Pirimicarb	ug/L	<0.01	<0.01	<0.01		NR47
<b>Herbicides</b>						
Atrazine	ug/L	0.033	0.12	0.11		NR47
Diuron	ug/L	0.028	0.045	0.020		NR47
Hexazinone	ug/L	<0.01	<0.01	<0.01		NR47
Linuron	ug/L	<0.01	<0.01	<0.01		NR47
Metolachlor	ug/L	0.044	0.053	0.051		NR47
Molinate	ug/L	<0.01	<0.01	<0.01		NR47
Oxyfluorfen	ug/L	<0.01	<0.01	<0.01		NR47
Pendimethalin	ug/L	<0.01	<0.01	<0.01		NR47
Prometryn	ug/L	<0.01	<0.01	<0.01		NR47
Simazine	ug/L	0.047	0.068	0.073		NR47
Trifluralin	ug/L	<0.01	<0.01	<0.01		NR47
<b>Miscellaneous</b>						
Buprofezin	ug/L	<0.01	<0.01	<0.01		NR47
Methoprene	ug/L	<0.01	<0.01	<0.01		NR47
Piperonyl Butoxide	ug/L	<0.01	<0.01	<0.01		NR47
Propargite	ug/L	<0.01	<0.01	<0.01		NR47
Tebufenpyrad	ug/L	<0.01	<0.01	<0.01		NR47
Tetradifon	ug/L	<0.01	<0.01	<0.01		NR47
<b>Dates</b>						
Date extracted		11-NOV-2024	11-NOV-2024	11-NOV-2024		
Date analysed		12-NOV-2024	12-NOV-2024	12-NOV-2024		

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19-NOV-2024

National Measurement Institute



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<b>Client</b>	: DEPARTMENT OF CLIMATE CHANGE, ENERGY, THE ENVIRONM	<b>Job No.</b>	: DEPT91/241108
		<b>Quote No.</b>	: QT-02294
		<b>Order No.</b>	:
<b>Attention</b>		<b>Date Received</b>	: 08-NOV-2024
<b>Project Name</b>		<b>Sampled By</b>	: CLIENT
<b>Your Client Services Manager</b>	:	<b>Phone</b>	:

Lab Reg No.	Sample Ref	Sample Description
N24/022657	S2	WATER 04/11/2024 11:02
N24/022659	S6	WATER 05/11/2024 09:27
N24/022660	S7	WATER 05/11/2024 10:55
N24/022666	S23	WATER 06/11/2024 08:45

Lab Reg No.			N24/022657	N24/022659	N24/022660	N24/022666	
Date Sampled			04-NOV-2024	05-NOV-2024	05-NOV-2024	06-NOV-2024	
Sample Reference			S2	S6	S7	S23	
	Units						Method
<b>Organochlorine (OC) Pesticides</b>							
HCB	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Heptachlor	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Heptachlor epoxide	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Aldrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
gamma-BHC(Lindane)	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
alpha-BHC	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
beta-BHC	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
delta-BHC	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
trans-Chlordane	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
cis-Chlordane	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Oxychlordane	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Dieldrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
p,p-DDE	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
p,p-DDD	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
p,p-DDT	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Endrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Endrin aldehyde	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Endrin Ketone	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
alpha-Endosulfan	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
beta-Endosulfan	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Endosulfan sulfate	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Methoxychlor	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Dicofol	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Surrogate: DF-DDE	%REC		85	84	86	85	NR47
<b>Phenoxy Acid Herbicides</b>							
Dicamba	ug/L		<1	<1	<1	<1	NGCMS_1117
MCPA	ug/L		<1	<1	<1	<1	NGCMS_1117

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Lab Reg No.			N24/022657	N24/022659	N24/022660	N24/022666	
Date Sampled			04-NOV-2024	05-NOV-2024	05-NOV-2024	06-NOV-2024	
Sample Reference		Units	S2	S6	S7	S23	Method
<b>Phenoxy Acid Herbicides</b>							
Dichlorprop	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
2,4-D	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
2,4,5-T	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
2,4,5-TP	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
2,4-DB	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
MCPP	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
Triclopyr	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
Picloram	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
Clopyralid	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
Fluroxypyr	ug/L	< 1	< 1	< 1	< 1	< 1	NGCMS_1117
<b>LC-MS/MS Screen</b>							
Acephate	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Aldicarb	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Bensulfuron methyl	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Bromacil	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Carbaryl	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Carbendazim	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Carbofuran	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Carbofuran-3-hydroxy	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Chlortoluron	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Cyanazine	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Diuron	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Endothal	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Fipronil	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Imazalil	ug/L	< 5	< 5	< 5	< 5	< 5	NR51
Imazethapyr	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Imidacloprid	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Isoproturon	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Linuron	ug/L	< 5	< 5	< 5	< 5	< 5	NR51
Metalaxyl	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Methamidophos	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Methomyl	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Metolachlor	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Metsulfuron methyl	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Monocrotophos	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Omethoate	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Oxamyl (Thixamyl)	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Pirimicarb	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Propazine	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Pyriproxifen	ug/L	< 5	< 5	< 5	< 5	< 5	NR51
Sethoxydim	ug/L	< 1	< 1	< 1	< 1	< 1	NR51

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Lab Reg No.			N24/022657	N24/022659	N24/022660	N24/022666	
Date Sampled			04-NOV-2024	05-NOV-2024	05-NOV-2024	06-NOV-2024	
Sample Reference			S2	S6	S7	S23	
		Units					Method
<b>LC-MS/MS Screen</b>							
Tebuconazole	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Tebuthiuron	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Temephos	ug/L	< 2	< 2	< 2	< 2	< 2	NR51
Terbutylazine	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Thiabendazole	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Thiodicarb	ug/L	< 5	< 5	< 5	< 5	< 5	NR51
Triadimefon	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
Vamidothion	ug/L	< 1	< 1	< 1	< 1	< 1	NR51
<b>Organophosphorus Pesticides (OPP)</b>							
Dichlorvos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Demeton-S-methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Diazinon	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Dimethoate	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorpyrifos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorpyrifos methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Malathion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenthion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Ethion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenitrothion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorfenvinphos (E)	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Chlorfenvinphos (Z)	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Parathion (ethyl)	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Parathion methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Pirimiphos methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Pirimiphos ethyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Azinphos methyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Azinphos ethyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Bromophos ethyl	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Carbophenothion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Coumaphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Dioxathion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenamiphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Fenchlorphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Formothion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Methacrifos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Methidathion	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Mevinphos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Phorate	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Phosalone	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Profenophos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47
Prothiofos	ug/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NR47



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Lab Reg No.			N24/022657	N24/022659	N24/022660	N24/022666	
Date Sampled			04-NOV-2024	05-NOV-2024	05-NOV-2024	06-NOV-2024	
Sample Reference			S2	S6	S7	S23	
	Units						Method
<b>Organophosphorus Pesticides (OPP)</b>							
Thiometon	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Triazophos	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Surrogate: TPP	%REC		98	93	95	96	NR47
<b>Synthetic Pyrethroids</b>							
Bifenthrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Bioresmethrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Cyfluthrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Cyhalothrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Cypermethrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Deltamethrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Fenvalerate	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Permethrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Phenothrin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
<b>Fungicides</b>							
Bupirimate	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Chlorothalonil	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Cyprodinil	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Dichlofluanid	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Dicloran	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Difenoconazole	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Dimethomorph	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Diphenylamine	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Fenarimol	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Flusilazole	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Hexaconazole	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Imazalil	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Iprodione	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Metalaxyl	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Penconazole	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Prochloraz	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Procymidone	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Propiconazole I	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Propiconazole II	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Pyrimethanil	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Tebuconazole	ug/L		0.011	0.013	0.010	<0.01	NR47
Vinclozolin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
o-Phenylphenol	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
<b>Carbamates</b>							
Carbaryl	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Fenoxycarb	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Pirimicarb	ug/L		<0.01	<0.01	<0.01	<0.01	NR47

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Lab Reg No.			N24/022657	N24/022659	N24/022660	N24/022666	
Date Sampled			04-NOV-2024	05-NOV-2024	05-NOV-2024	06-NOV-2024	
Sample Reference			S2	S6	S7	S23	
		Units					Method
<b>Herbicides</b>							
Atrazine	ug/L		0.10	0.079	0.083	0.11	NR47
Diuron	ug/L		0.037	0.041	0.036	0.013	NR47
Hexazinone	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Linuron	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Metolachlor	ug/L		0.045	0.066	0.092	0.052	NR47
Molinate	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Oxyfluorfen	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Pendimethalin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Prometryn	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Simazine	ug/L		0.11	0.13	0.13	0.083	NR47
Trifluralin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
<b>Miscellaneous</b>							
Buprofezin	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Methoprene	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Piperonyl Butoxide	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Propargite	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Tebufenpyrad	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
Tetradifon	ug/L		<0.01	<0.01	<0.01	<0.01	NR47
<b>Dates</b>							
Date extracted			11-NOV-2024	11-NOV-2024	11-NOV-2024	11-NOV-2024	
Date analysed			12-NOV-2024	12-NOV-2024	12-NOV-2024	12-NOV-2024	

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<b>Client</b> : DEPARTMENT OF CLIMATE CHANGE, ENERGY, THE ENVIRONM <div style="background-color: black; width: 150px; height: 40px; margin: 5px 0;"></div> <b>Attention</b> : <b>Project Name</b> : <b>Your Client Services Manager</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : DEPT91/241108 <b>Quote No.</b> : QT-02294 <b>Order No.</b> : <b>Date Received</b> : 08-NOV-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 20px; display: inline-block;"></div>
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Lab Reg No.	Sample Ref	Sample Description
N24/022667	S27	WATER 06/11/2024 14:25
N24/022668	S27-DUPE	WATER 06/11/2024 14:25

Lab Reg No.	Sample Ref	Units	N24/022667	N24/022668	Method
Date Sampled			06-NOV-2024	06-NOV-2024	
Sample Reference			S27	S27-DUPE	
<b>Organochlorine (OC) Pesticides</b>					
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	81	81		NR47
<b>Phenoxy Acid Herbicides</b>					
Dicamba	ug/L	<1	<1		NGCMS_1117
MCPA	ug/L	<1	<1		NGCMS_1117
Dichlorprop	ug/L	<1	<1		NGCMS_1117
2,4-D	ug/L	<1	<1		NGCMS_1117



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Lab Reg No.			N24/022667	N24/022668			
Date Sampled			06-NOV-2024	06-NOV-2024			
Sample Reference			S27	S27-DUPE			
		Units					Method
<b>Phenoxy Acid Herbicides</b>							
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
MCP	ug/L	< 1	< 1				NGCMS_1117
Triclopyr	ug/L	< 1	< 1				NGCMS_1117
Picloram	ug/L	< 1	< 1				NGCMS_1117
Clorpyralid	ug/L	< 1	< 1				NGCMS_1117
Fluroxypyr	ug/L	< 1	< 1				NGCMS_1117
<b>LC-MS/MS Screen</b>							
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	< 2	< 2				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	< 1	< 1				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
Sethoxydim	ug/L	< 1	< 1				NR51
Tebuconazole	ug/L	< 2	< 2				NR51
Tebuthiuron	ug/L	< 1	< 1				NR51

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Lab Reg No.			N24/022667	N24/022668			
Date Sampled			06-NOV-2024	06-NOV-2024			
Sample Reference			S27	S27-DUPE			
		Units					Method
<b>LC-MS/MS Screen</b>							
Temephos	ug/L	< 2	< 2				NR51
Terbutylazine	ug/L	< 1	< 1				NR51
Thiabendazole	ug/L	< 1	< 1				NR51
Thiodicarb	ug/L	< 5	< 5				NR51
Triadimefon	ug/L	< 1	< 1				NR51
Vamidothion	ug/L	< 1	< 1				NR51
<b>Organophosphorus Pesticides (OPP)</b>							
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
Prothiofos	ug/L	< 0.01	< 0.01				NR47
Thiometon	ug/L	< 0.01	< 0.01				NR47
Triazophos	ug/L	< 0.01	< 0.01				NR47

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Date Sampled			06-NOV-2024	06-NOV-2024			
Sample Reference			S27	S27-DUPE			
		Units					Method
<b>Organophosphorus Pesticides (OPP)</b>							
Surrogate: TPP	%REC	84	90				NR47
<b>Synthetic Pyrethroids</b>							
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
<b>Fungicides</b>							
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
<b>Carbamates</b>							
Carbaryl	ug/L	<0.01	<0.01				NR47
Fenoxycarb	ug/L	<0.01	<0.01				NR47
Pirimicarb	ug/L	<0.01	<0.01				NR47
<b>Herbicides</b>							
Atrazine	ug/L	<0.01	<0.01				NR47

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Date Sampled			06-NOV-2024	06-NOV-2024			
Sample Reference			S27	S27-DUPE			
		Units					Method
<b>Herbicides</b>							
Diuron	ug/L	<0.01	<0.01				NR47
Hexazinone	ug/L	<0.01	<0.01				NR47
Linuron	ug/L	<0.01	<0.01				NR47
Metolachlor	ug/L	<0.01	<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	0.064	0.064				NR47
Trifluralin	ug/L	<0.01	<0.01				NR47
<b>Miscellaneous</b>							
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
<b>Dates</b>							
Date extracted		11-NOV-2024	11-NOV-2024				
Date analysed		12-NOV-2024	12-NOV-2024				

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Measurement Uncertainty is available upon request.

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

The testing was undertaken at:



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National Measurement Institute