



REPORT OF ANALYSIS

Page: 1 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION [REDACTED]	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT
<b>Attention</b> : [REDACTED] <b>Project Name</b> : <b>Your Client Services Manager</b> : [REDACTED]	<b>Phone</b> : [REDACTED]

Lab Reg No.	Sample Ref	Sample Description
N24/007001	.	MFK-SED-1_20240325
N24/007002	.	MFK-SED-2_20240325
N24/007003	.	MFK-SED-3_20240325
N24/007004	.	MFK-SED-4_20240325

Lab Reg No.		N24/007001	N24/007002	N24/007003	N24/007004	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

Accredited for compliance with ISO/IEC 17025 - Testing

## REPORT OF ANALYSIS

Page: 2 of 41  
Report No. RN1425770

Lab Reg No.		N24/007001	N24/007002	N24/007003	N24/007004	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 3 of 41  
Report No. RN1425770

Lab Reg No.		N24/007001	N24/007002	N24/007003	N24/007004	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 4 of 41  
Report No. RN1425770

Lab Reg No.		N24/007001	N24/007002	N24/007003	N24/007004	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	



, Analyst  
 Organics - NSW  
 Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007001	N24/007002	N24/007003	N24/007004	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	26.5	30.7	31.6	32.5	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	



Analyst  
 Inorganics - NSW  
 Accreditation No. 198



National Measurement Institute



## REPORT OF ANALYSIS

Page: 5 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Project Name</b> : <div style="background-color: black; width: 150px; height: 15px; display: inline-block;"></div> <b>Your Client Services Manager</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
--	--

Lab Reg No.	Sample Ref	Sample Description
N24/007005	.	MFK-SED-5_20240325
N24/007006	.	MFK-SED-6_20240325
N24/007007	.	MFK-SED-7_20240325
N24/007008	.	MFK-SED-8_20240325

Lab Reg No.		N24/007005	N24/007006	N24/007007	N24/007008	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 6 of 41  
Report No. RN1425770

Lab Reg No.		N24/007005	N24/007006	N24/007007	N24/007008	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 7 of 41  
Report No. RN1425770

Lab Reg No.		N24/007005	N24/007006	N24/007007	N24/007008	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 8 of 41  
Report No. RN1425770

Lab Reg No.		N24/007005	N24/007006	N24/007007	N24/007008	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	9-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	



Analyst  
Organics - NSW  
Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007005	N24/007006	N24/007007	N24/007008	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	25.3	27.3	24.9	39.8	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	



Analyst  
Inorganics - NSW  
Accreditation No. 198



**National Measurement Institute**

## REPORT OF ANALYSIS

Page: 9 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Project Name</b> : <div style="background-color: black; width: 150px; height: 15px; display: inline-block;"></div> <b>Your Client Services Manager</b> : <div style="background-color: black; width: 80px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
---	--

Lab Reg No.	Sample Ref	Sample Description
N24/007009	.	MFK-SED-9_20240325
N24/007010	.	MFK-SED-10_20240325
N24/007011	.	MFK-SED-11_20240325
N24/007012	.	MFK-SED-12_20240325

Lab Reg No.		N24/007009	N24/007010	N24/007011	N24/007012	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 10 of 41  
Report No. RN1425770

Lab Reg No.		N24/007009	N24/007010	N24/007011	N24/007012	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 11 of 41  
Report No. RN1425770

Lab Reg No.		N24/007009	N24/007010	N24/007011	N24/007012	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 12 of 41  
Report No. RN1425770

Lab Reg No.		N24/007009	N24/007010	N24/007011	N24/007012	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		9-APR-2024	9-APR-2024	9-APR-2024	9-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	

Analyst

Organics - NSW

Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007009	N24/007010	N24/007011	N24/007012	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	26.7	22.1	30.2	32.4	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	

Analyst

Inorganics - NSW

Accreditation No. 198

**National Measurement Institute**

## REPORT OF ANALYSIS

Page: 13 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Project Name</b> : <b>Your Client Services Manager</b> : <div style="background-color: black; width: 70px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
---	--

Lab Reg No.	Sample Ref	Sample Description
N24/007013	.	MFK-SED-13_20240325
N24/007014	.	MFK-SED-14_20240325
N24/007015	.	MFK-SED-15_20240325
N24/007016	.	MFK-SED-16_20240325

Lab Reg No.		N24/007013	N24/007014	N24/007015	N24/007016	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 14 of 41  
Report No. RN1425770

Lab Reg No.		N24/007013	N24/007014	N24/007015	N24/007016	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

[REDACTED]

## REPORT OF ANALYSIS

Page: 15 of 41  
Report No. RN1425770

Lab Reg No.		N24/007013	N24/007014	N24/007015	N24/007016	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 16 of 41  
Report No. RN1425770

Lab Reg No.		N24/007013	N24/007014	N24/007015	N24/007016	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		9-APR-2024	9-APR-2024	10-APR-2024	10-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	



Analyst

Organics - NSW

Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007013	N24/007014	N24/007015	N24/007016	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	27.6	24.5	25	34.9	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	



Analyst

Inorganics - NSW

Accreditation No. 198



**National Measurement Institute**



## REPORT OF ANALYSIS

Page: 17 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Project Name</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Your Client Services Manager</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
--	--

Lab Reg No.	Sample Ref	Sample Description
N24/007017	.	MFK-SED-17A_20240325
N24/007018	.	MFK-SED-17B_20240325
N24/007019	.	MFK-SED-17C_20240325
N24/007020	.	MFK-SED-18A_20240325

Lab Reg No.		N24/007017	N24/007018	N24/007019	N24/007020	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

100 Dalm Road, North Ryde NSW 2113 Tel: 434 2 6113 6114 Web: [www.nmi.gov.au](http://www.nmi.gov.au)

## REPORT OF ANALYSIS

Page: 18 of 41  
Report No. RN1425770

Lab Reg No.		N24/007017	N24/007018	N24/007019	N24/007020	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 19 of 41  
Report No. RN1425770

Lab Reg No.		N24/007017	N24/007018	N24/007019	N24/007020	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 20 of 41  
Report No. RN1425770

Lab Reg No.		N24/007017	N24/007018	N24/007019	N24/007020	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		10-APR-2024	10-APR-2024	10-APR-2024	12-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	

Analyst

Organics - NSW  
Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007017	N24/007018	N24/007019	N24/007020	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	36.4	23.1	71.7	69.2	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	

Analyst

Inorganics - NSW  
Accreditation No. 198

National Measurement Institute



## REPORT OF ANALYSIS

Page: 21 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Project Name</b> : <div style="background-color: black; width: 150px; height: 15px; display: inline-block;"></div> <b>Your Client Services Manager</b> : <div style="background-color: black; width: 120px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
--	--

Lab Reg No.	Sample Ref	Sample Description
N24/007021	.	MFK-SED-18B_20240325
N24/007022	.	MFK-SED-19_20240325
N24/007023	.	MFK-SED-20_20240325
N24/007024	.	MFK-SED-21_20240325

Lab Reg No.		N24/007021	N24/007022	N24/007023	N24/007024	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 22 of 41  
Report No. RN1425770

Lab Reg No.		N24/007021	N24/007022	N24/007023	N24/007024	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 23 of 41  
Report No. RN1425770

Lab Reg No.		N24/007021	N24/007022	N24/007023	N24/007024	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 24 of 41  
Report No. RN1425770

Lab Reg No.		N24/007021	N24/007022	N24/007023	N24/007024	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		12-APR-2024	12-APR-2024	12-APR-2024	12-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	



Analyst

Organics - NSW

Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007021	N24/007022	N24/007023	N24/007024	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	81.6	24.3	26.7	28.3	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	



Analyst

Inorganics - NSW

Accreditation No. 198

National Measurement Institute



## REPORT OF ANALYSIS

Page: 25 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <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> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
--	--

Lab Reg No.	Sample Ref	Sample Description
N24/007025	.	MFK-SED-22_20240325
N24/007026	.	MFK-SED-23_20240325
N24/007027	.	MFK-SED-24_20240325
N24/007028	.	MFK-SED-25_20240325

Lab Reg No.		N24/007025	N24/007026	N24/007027	N24/007028	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 26 of 41  
Report No. RN1425770

Lab Reg No.		N24/007025	N24/007026	N24/007027	N24/007028	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 27 of 41  
Report No. RN1425770

Lab Reg No.		N24/007025	N24/007026	N24/007027	N24/007028	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 28 of 41  
Report No. RN1425770

Lab Reg No.		N24/007025	N24/007026	N24/007027	N24/007028	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		12-APR-2024	15-APR-2024	15-APR-2024	15-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	

Analyst

Organics - NSW

Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007025	N24/007026	N24/007027	N24/007028	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	24.1	60.4	66.4	61.5	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	

Analyst

Inorganics - NSW

Accreditation No. 198

National Measurement Institute



## REPORT OF ANALYSIS

Page: 29 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Project Name</b> : <b>Your Client Services Manager</b> : <div style="background-color: black; width: 70px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 80px; height: 15px; display: inline-block;"></div>
---	---

Lab Reg No.	Sample Ref	Sample Description
N24/007029	.	MFK-SED-26_20240325
N24/007030	.	MFK-SED-27_20240325
N24/007031	.	MFK-SED-28_20240325
N24/007032	.	MFK-SED-29_20240325

Lab Reg No.		N24/007029	N24/007030	N24/007031	N24/007032	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
	Units					Method
<b>Herbicides</b>						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Organochlorine (OC) Pesticides</b>						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 30 of 41  
Report No. RN1425770

Lab Reg No.		N24/007029	N24/007030	N24/007031	N24/007032	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbuthylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 31 of 41  
Report No. RN1425770

Lab Reg No.		N24/007029	N24/007030	N24/007031	N24/007032	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 32 of 41  
Report No. RN1425770

Lab Reg No.		N24/007029	N24/007030	N24/007031	N24/007032	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		15-APR-2024	15-APR-2024	15-APR-2024	15-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	

Analyst

Organics - NSW

Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007029	N24/007030	N24/007031	N24/007032	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	30.2	27.2	46.4	64.5	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	

Analyst

Inorganics - NSW

Accreditation No. 198

**National Measurement Institute**



## REPORT OF ANALYSIS

Page: 33 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <b>Project Name</b> : <div style="background-color: black; width: 150px; height: 15px; display: inline-block;"></div> <b>Your Client Services Manager</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>	<b>Job No.</b> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
--	--

Lab Reg No.	Sample Ref	Sample Description
N24/007033	.	MFK-SED-30_20240325
N24/007034	.	MFK-SED-31_20240325
N24/007035	.	MFK-SED-32_20240325
N24/007036	.	MFK-SED-33_20240325

Lab Reg No.	Units	N24/007033	N24/007034	N24/007035	N24/007036	Method
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference		.	.	.	.	
Herbicides						
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Linuron	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Molinate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Organochlorine (OC) Pesticides						
HCB	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47



## REPORT OF ANALYSIS

Page: 34 of 41  
Report No. RN1425770

Lab Reg No.		N24/007033	N24/007034	N24/007035	N24/007036	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
Terbuthylazine	mg/kg	<0.5	<0.5	<0.5	<0.5	NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Malathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Ethion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 35 of 41  
Report No. RN1425770

Lab Reg No.		N24/007033	N24/007034	N24/007035	N24/007036	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Organophosphate (OP) Pesticides</b>						
Fenamiphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Formothion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phorate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47

## REPORT OF ANALYSIS

Page: 36 of 41  
Report No. RN1425770

Lab Reg No.		N24/007033	N24/007034	N24/007035	N24/007036	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Fungicides</b>						
Propiconazole II	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Propargite	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1	<0.1	NR47
<b>Dates</b>						
Date extracted		15-APR-2024	15-APR-2024	15-APR-2024	15-APR-2024	
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024	16-APR-2024	



Analyst

Organics - NSW

Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007033	N24/007034	N24/007035	N24/007036	
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024	25-MAR-2024	
Sample Reference	Units	.	.	.	.	Method
<b>Trace Elements</b>						
Total Solids	%	21.8	22.2	31.1	21.6	NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024	8-APR-2024	
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024	10-APR-2024	



Analyst

Inorganics - NSW

Accreditation No. 198



**National Measurement Institute**



## REPORT OF ANALYSIS

Page: 37 of 41

Report No. RN1425770

<b>Client</b> : (DO NOT USE. NEW CODE: DEPT91) DCCEEW ENVIRONMENTAL PROTECTION SCIENCE DIVISION <div style="background-color: black; width: 150px; height: 15px; margin: 5px 0;"></div> <b>Attention</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> <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> : EPA11/240403 <b>Quote No.</b> : QT-02257 <b>Order No.</b> : <b>Date Received</b> : 03-APR-2024 <b>Sampled By</b> : CLIENT  <b>Phone</b> : <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div>
--	--

Lab Reg No.	Sample Ref	Sample Description
N24/007037	.	MFK-SED-34_20240325
N24/007038	.	MFK-SED-35_20240325
N24/007039	.	MFK-SED-TRIP 24 SITE 1 PESTIC_240325

Lab Reg No.	Units	N24/007037	N24/007038	N24/007039		Method
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024		
Sample Reference		.	.	.		
Herbicides						
Atrazine	mg/kg	<0.1	<0.1	<0.1		NR47
Diuron	mg/kg	<0.1	<0.1	<0.1		NR47
Hexazinone	mg/kg	<0.1	<0.1	<0.1		NR47
Linuron	mg/kg	<0.1	<0.1	<0.1		NR47
Metolachlor	mg/kg	<0.1	<0.1	<0.1		NR47
Molinate	mg/kg	<0.1	<0.1	<0.1		NR47
Oxyfluorfen	mg/kg	<0.1	<0.1	<0.1		NR47
Pendimethalin	mg/kg	<0.1	<0.1	<0.1		NR47
Simazine	mg/kg	<0.1	<0.1	<0.1		NR47
Trifluralin	mg/kg	<0.1	<0.1	<0.1		NR47
Prometryn	mg/kg	<0.1	<0.1	<0.1		NR47
Organochlorine (OC) Pesticides						
HCB	mg/kg	<0.1	<0.1	<0.1		NR47
Heptachlor	mg/kg	<0.1	<0.1	<0.1		NR47
Heptachlor epoxide	mg/kg	<0.1	<0.1	<0.1		NR47
Aldrin	mg/kg	<0.1	<0.1	<0.1		NR47
gamma-BHC(Lindane)	mg/kg	<0.1	<0.1	<0.1		NR47
alpha-BHC	mg/kg	<0.1	<0.1	<0.1		NR47
beta-BHC	mg/kg	<0.1	<0.1	<0.1		NR47
delta-BHC	mg/kg	<0.1	<0.1	<0.1		NR47
trans-Chlordane	mg/kg	<0.1	<0.1	<0.1		NR47
cis-Chlordane	mg/kg	<0.1	<0.1	<0.1		NR47
Oxychlordane	mg/kg	<0.1	<0.1	<0.1		NR47
Dieldrin	mg/kg	<0.1	<0.1	<0.1		NR47
p,p-DDE	mg/kg	<0.1	<0.1	<0.1		NR47
p,p-DDD	mg/kg	<0.1	<0.1	<0.1		NR47
p,p-DDT	mg/kg	<0.1	<0.1	<0.1		NR47
Endrin	mg/kg	<0.1	<0.1	<0.1		NR47



## REPORT OF ANALYSIS

Page: 38 of 41  
Report No. RN1425770

Lab Reg No.		N24/007037	N24/007038	N24/007039		
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024		
Sample Reference		.	.	.		
	Units					Method
<b>Organochlorine (OC) Pesticides</b>						
Endrin aldehyde	mg/kg	<0.1	<0.1	<0.1		NR47
Endrin Ketone	mg/kg	<0.1	<0.1	<0.1		NR47
alpha-Endosulfan	mg/kg	<0.1	<0.1	<0.1		NR47
beta-Endosulfan	mg/kg	<0.1	<0.1	<0.1		NR47
Endosulfan sulfate	mg/kg	<0.1	<0.1	<0.1		NR47
Methoxychlor	mg/kg	<0.1	<0.1	<0.1		NR47
Dicofol	mg/kg	<0.1	<0.1	<0.1		NR47
<b>Carbamates</b>						
Carbaryl	mg/kg	<0.1	<0.1	<0.1		NR47
Fenoxycarb	mg/kg	<0.1	<0.1	<0.1		NR47
Pirimicarb	mg/kg	<0.1	<0.1	<0.1		NR47
<b>Phenoxy Acid Herbicides</b>						
Clopyralid	mg/kg	<0.1	<0.1	<0.1		NGCMS_1117
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1		NGCMS_1117
<b>LC-MS/MS Screen</b>						
Tebuthiuron	mg/kg	<0.5	<0.5	<0.5		NR51
Terbutylazine	mg/kg	<0.5	<0.5	<0.5		NR51
<b>Organophosphate (OP) Pesticides</b>						
Demeton-S-methyl	mg/kg	<0.1	<0.1	<0.1		NR47
Dichlorvos	mg/kg	<0.1	<0.1	<0.1		NR47
Chlorpyrifos	mg/kg	<0.1	<0.1	<0.1		NR47
Chlorpyrifos methyl	mg/kg	<0.1	<0.1	<0.1		NR47
Diazinon	mg/kg	<0.1	<0.1	<0.1		NR47
Dimethoate	mg/kg	<0.1	<0.1	<0.1		NR47
Fenthion	mg/kg	<0.1	<0.1	<0.1		NR47
Malathion	mg/kg	<0.1	<0.1	<0.1		NR47
Ethion	mg/kg	<0.1	<0.1	<0.1		NR47
Fenitrothion	mg/kg	<0.1	<0.1	<0.1		NR47
Chlorfenvinphos (E)	mg/kg	<0.1	<0.1	<0.1		NR47
Chlorfenvinphos (Z)	mg/kg	<0.1	<0.1	<0.1		NR47
Parathion (ethyl)	mg/kg	<0.1	<0.1	<0.1		NR47
Parathion methyl	mg/kg	<0.1	<0.1	<0.1		NR47
Pirimiphos methyl	mg/kg	<0.1	<0.1	<0.1		NR47
Pirimiphos ethyl	mg/kg	<0.1	<0.1	<0.1		NR47
Azinphos methyl	mg/kg	<0.1	<0.1	<0.1		NR47
Azinphos ethyl	mg/kg	<0.1	<0.1	<0.1		NR47
Bromophos ethyl	mg/kg	<0.1	<0.1	<0.1		NR47
Carbophenothion	mg/kg	<0.1	<0.1	<0.1		NR47
Coumaphos	mg/kg	<0.1	<0.1	<0.1		NR47
Dioxathion	mg/kg	<0.1	<0.1	<0.1		NR47
Fenamiphos	mg/kg	<0.1	<0.1	<0.1		NR47

## REPORT OF ANALYSIS

Page: 39 of 41  
Report No. RN1425770

Lab Reg No.		N24/007037	N24/007038	N24/007039		
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024		
Sample Reference		.	.	.		
	Units					Method
<b>Organophosphate (OP) Pesticides</b>						
Fenchlorphos	mg/kg	<0.1	<0.1	<0.1		NR47
Formothion	mg/kg	<0.1	<0.1	<0.1		NR47
Methacrifos	mg/kg	<0.1	<0.1	<0.1		NR47
Methidathion	mg/kg	<0.1	<0.1	<0.1		NR47
Mevinphos	mg/kg	<0.1	<0.1	<0.1		NR47
Phorate	mg/kg	<0.1	<0.1	<0.1		NR47
Phosalone	mg/kg	<0.1	<0.1	<0.1		NR47
Profenophos	mg/kg	<0.1	<0.1	<0.1		NR47
Prothiofos	mg/kg	<0.1	<0.1	<0.1		NR47
Thiometon	mg/kg	<0.1	<0.1	<0.1		NR47
Triazophos	mg/kg	<0.1	<0.1	<0.1		NR47
<b>Synthetic Pyrethroids</b>						
Bifenthrin	mg/kg	<0.1	<0.1	<0.1		NR47
Bioresmethrin	mg/kg	<0.1	<0.1	<0.1		NR47
Cyfluthrin	mg/kg	<0.1	<0.1	<0.1		NR47
Cyhalothrin	mg/kg	<0.1	<0.1	<0.1		NR47
Cypermethrin	mg/kg	<0.1	<0.1	<0.1		NR47
Deltamethrin	mg/kg	<0.1	<0.1	<0.1		NR47
Fenvalerate	mg/kg	<0.1	<0.1	<0.1		NR47
Permethrin	mg/kg	<0.1	<0.1	<0.1		NR47
Phenothrin	mg/kg	<0.1	<0.1	<0.1		NR47
<b>Fungicides</b>						
Bupirimate	mg/kg	<0.1	<0.1	<0.1		NR47
Chlorothalonil	mg/kg	<0.1	<0.1	<0.1		NR47
Cyprodinil	mg/kg	<0.1	<0.1	<0.1		NR47
Dichlofluanid	mg/kg	<0.1	<0.1	<0.1		NR47
Dicloran	mg/kg	<0.1	<0.1	<0.1		NR47
Difenoconazole	mg/kg	<0.1	<0.1	<0.1		NR47
Dimethomorph	mg/kg	<0.1	<0.1	<0.1		NR47
Diphenylamine	mg/kg	<0.1	<0.1	<0.1		NR47
Fenarimol	mg/kg	<0.1	<0.1	<0.1		NR47
Flusilazole	mg/kg	<0.1	<0.1	<0.1		NR47
Hexaconazole	mg/kg	<0.1	<0.1	<0.1		NR47
Imazalil	mg/kg	<0.1	<0.1	<0.1		NR47
Iprodione	mg/kg	<0.1	<0.1	<0.1		NR47
Metalaxyl	mg/kg	<0.1	<0.1	<0.1		NR47
Penconazole	mg/kg	<0.1	<0.1	<0.1		NR47
Prochloraz	mg/kg	<0.1	<0.1	<0.1		NR47
Procymidone	mg/kg	<0.1	<0.1	<0.1		NR47
Propiconazole I	mg/kg	<0.1	<0.1	<0.1		NR47
Propiconazole II	mg/kg	<0.1	<0.1	<0.1		NR47

## REPORT OF ANALYSIS

Page: 40 of 41  
Report No. RN1425770

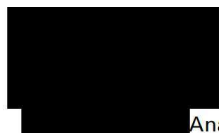
Lab Reg No.		N24/007037	N24/007038	N24/007039		
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024		
Sample Reference		.	.	.		
	Units					Method
<b>Fungicides</b>						
Pyrimethanil	mg/kg	<0.1	<0.1	<0.1		NR47
Tebuconazole	mg/kg	<0.1	<0.1	<0.1		NR47
Vinclozolin	mg/kg	<0.1	<0.1	<0.1		NR47
o-Phenylphenol	mg/kg	<0.1	<0.1	<0.1		NR47
<b>Miscellaneous</b>						
Buprofezin	mg/kg	<0.1	<0.1	<0.1		NR47
Methoprene	mg/kg	<0.1	<0.1	<0.1		NR47
Piperonyl Butoxide	mg/kg	<0.1	<0.1	<0.1		NR47
Propargite	mg/kg	<0.1	<0.1	<0.1		NR47
Tebufenpyrad	mg/kg	<0.1	<0.1	<0.1		NR47
Tetradifon	mg/kg	<0.1	<0.1	<0.1		NR47
<b>Dates</b>						
Date extracted		15-APR-2024	15-APR-2024	15-APR-2024		
Date analysed		16-APR-2024	16-APR-2024	16-APR-2024		



Analyst  
Organics - NSW  
Accreditation No. 198

22-APR-2024

Lab Reg No.		N24/007037	N24/007038	N24/007039		
Date Sampled		25-MAR-2024	25-MAR-2024	25-MAR-2024		
Sample Reference		.	.	.		
	Units					Method
<b>Trace Elements</b>						
Total Solids	%	22.4	40.8	77.2		NT2_49
<b>Dates</b>						
Date extracted		8-APR-2024	8-APR-2024	8-APR-2024		
Date analysed		10-APR-2024	10-APR-2024	10-APR-2024		



Analyst  
Inorganics - NSW  
Accreditation No. 198

22-APR-2024

National Measurement Institute



## REPORT OF ANALYSIS

Page: 41 of 41  
Report No. RN1425770

All results are expressed on a dry weight basis.



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.

The testing was undertaken at:

