



**Certificate of Analysis**

Client: KILLALOE PUBLIC SCHOOL  
100 Queen St.  
Killaloe, ON  
K0J 2A0  
Attention: Ms. Paula Vanhoof  
PO#: 607190006624  
Invoice to: Renfrew County District School Board

Report Number: 1969230  
Date Submitted: 2021-12-22  
Date Reported: 2022-01-13  
Project:  
COC #: 884575  
Waterworks/Facility: 260007712

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**Dear Paula Vanhoof:**

**Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).**

Report Comments:

APPROVAL: \_\_\_\_\_  
Long Qu, Organics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: <http://www.cala.ca/scopes/2602.pdf>.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is licensed by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for specific tests in drinking water (license #2318). A copy of the license is available upon request.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline values listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official provincial or federal guideline as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
HPLC Herb/Pest	Diquat	5	ug/L	MAC 70	1603555 Supply Water DISTRIBUTION 2021-12-21 Staff Room
	Diuron	10	ug/L	MAC 150	
	Glyphosate	10	ug/L	MAC 280	
	Paraquat	1	ug/L	MAC 10	
NP Pesticides	Alachlor	0.5	ug/L	MAC 5	
	Atrazine + N-dealkylated metabolites	1.0	ug/L	MAC 5	
	Azinphos-methyl	2.0	ug/L	MAC 20	
	Carbaryl	5.0	ug/L	MAC 90	
	Carbofuran	5.0	ug/L	MAC 90	
	Chlorpyrifos	1.0	ug/L	MAC 90	
	Diazinon	1.0	ug/L	MAC 20	
	Dimethoate	2.5	ug/L	MAC 20	
	Malathion	0.5	ug/L	MAC 190	
	Metolachlor	1.0	ug/L	IMAC 50	
	Metribuzin	5.0	ug/L	MAC 80	
	Phorate	0.5	ug/L	MAC 2	
	Prometryne	0.25	ug/L	MAC 1	
	Simazine	1.0	ug/L	MAC 10	
	Terbufos	0.4	ug/L	MAC 1	
	Triallate	1.0	ug/L	MAC 230	
Trifluralin	1.0	ug/L	MAC 45		
PAH	Benzo(a)pyrene	0.01	ug/L	MAC 0.01	
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L	MAC 3	
Phenoxyacid Herb	2,4-dichlorophenoxyacetic acid (2,4-D)	1.0	ug/L	MAC 100	
	Bromoxynil	0.5	ug/L	MAC 5	

Guideline = MOE REG. 170/03

\* = Guideline Exceedence

Results relate only to the parameters tested on the samples submitted.  
 Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

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Lab I.D.  
 Sample Matrix  
 Sample Type  
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1603555  
 Supply Water  
 DISTRIBUTION  
 2021-12-21  
 Staff Room

Group	Analyte	MRL	Units	Guideline	
Phenoxyacid Herb	Dicamba	1.0	ug/L	MAC 120	<1.0
	Diclofop-methyl	0.9	ug/L	MAC 9	<0.9
	MCPA	10	ug/L	MAC 100	<10
	Picloram	5.0	ug/L	MAC 190	<5.0
Semi-Volatiles	2,3,4,6-tetrachlorophenol	1.0	ug/L	MAC 100	<1.0
	2,4,6-trichlorophenol	0.7	ug/L	MAC 5	<0.7
	2,4-dichlorophenol	1.0	ug/L	MAC 900	<1.0
	Pentachlorophenol	1.0	ug/L	MAC 60	<1.0

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**QC Summary**

Analyte	Blank	QC % Rec	QC Limits
<b>Run No 414345 Analysis/Extraction Date 2022-01-11 Analyst C M</b>			
<b>Method B 625/P 8270</b>			
2,3,4,6-tetrachlorophenol	<1.0 ug/L	99	20-150
Trichlorophenol, 2,4,6-	<0.7 ug/L	94	20-150
Dichlorophenol, 2,4-	<1.0 ug/L	85	20-150
Pentachlorophenol	<1.0 ug/L	61	20-150
<b>Run No 415342 Analysis/Extraction Date 2022-01-10 Analyst C M</b>			
<b>Method SW 846 8151A/3151A</b>			
2,4-dichlorophenoxyacetic acid (2,4-D)	<1.0 ug/L	107	10-120
Bromoxynil	<0.5 ug/L	96	10-120
Dicamba	<1.0 ug/L	92	10-120
Diclofop-methyl	<0.9 ug/L	112	10-120
MCPA	<10 ug/L	100	10-120
Picloram	<5.0 ug/L	120	10-120
<b>Run No 415344 Analysis/Extraction Date 2022-01-11 Analyst C M</b>			
<b>Method P 8270</b>			
Benzo[a]pyrene	<0.01 ug/L	95	50-140
<b>Run No 415345 Analysis/Extraction Date 2022-01-11 Analyst C M</b>			
<b>Method EPA 8141/8270</b>			

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Analyte	Blank	QC % Rec	QC Limits
Alachlor	<0.5 ug/L	98	20-140
Atrazine + N-dealkylated metabolites	<1.0 ug/L		20-140
Azinphos-methyl	<2.0 ug/L	59	20-140
Carbaryl	<5.0 ug/L	108	20-140
Carbofuran	<5.0 ug/L		20-140
Chlorpyrifos	<1.0 ug/L	98	20-140
Diazinon	<1.0 ug/L	96	20-140
Dimethoate	<2.5 ug/L	98	20-140
Malathion	<0.5 ug/L	70	20-140
Metolachlor	<1.0 ug/L	98	20-140
Metribuzin	<5.0 ug/L		20-140
Phorate	<0.5 ug/L	100	20-140
Prometryne	<0.25 ug/L	99	20-140
Simazine	<1.0 ug/L	100	20-140
Terbufos	<0.4 ug/L	104	20-140
Triallate	<1.0 ug/L	98	20-140
Trifluralin	<1.0 ug/L	100	20-140

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**QC Summary**

Analyte	Blank	QC % Rec	QC Limits
<b>Run No</b> 415394 <b>Analysis/Extraction Date</b> 2022-01-10 <b>Analyst</b> QL <b>Method</b> EPA 532/547/549			
Diquat	<5 ug/L	88	60-120
Diuron	<10 ug/L		60-120
Glyphosate	<10 ug/L	89	60-120
Paraquat	>1 ug/L	82	60-120
Polychlorinated Biphenyls	<0.1 ug/L	92	60-140

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