

Client: OPEONGO PUBLIC SCHOOL
1990 Cobden Rd.
Douglas, ON
K0J 2L0
Attention: Ms. Paula Vanhoof
PO#: 607190006624
Invoice to: Renfrew County District School Board

Report Number: 1969236
Date Submitted: 2021-12-22
Date Reported: 2022-01-13
Project:
COC #: 884579
Waterworks/Facility: 260013819

Page 1 of 6

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.

Certificate of Analysis

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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	1603561 Supply Water DISTRIBUTION 2021-12-21 Custodian 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
 Sampling Date
 Sample I.D.

1603561
 Supply Water
 DISTRIBUTION
 2021-12-21
 Custodian 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
Run No 414345 Analysis/Extraction Date 2022-01-11 Analyst C M			
Method B 625/P 8270			
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
Run No 415342 Analysis/Extraction Date 2022-01-10 Analyst C M			
Method SW 846 8151A/3151A			
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
Run No 415344 Analysis/Extraction Date 2022-01-11 Analyst C M			
Method P 8270			
Benzo[a]pyrene	<0.01 ug/L	95	50-140
Run No 415345 Analysis/Extraction Date 2022-01-11 Analyst C M			
Method EPA 8141/8270			

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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
Run No 415394 Analysis/Extraction Date 2022-01-10 Analyst QL Method 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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