

Client: KILLALOE PUBLIC SCHOOL  
100 Queen St.  
Killaloe, ON  
K0J 2A0  
Attention: Ms. Paula Vanhoof  
PO#: 6071346759  
Invoice to: Renfrew County District School Board

Report Number: 1524094  
Date Submitted: 2015-12-08  
Date Reported: 2015-12-24  
Project: Killaloe PS  
COC #: 803903  
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:

  
Shyla Monette  
2015.12.24  
10:09:10 -05'00'

APPROVAL: \_\_\_\_\_

Shyla Monette  
Team Leader, Inorganics

  
Charlie  
(Long) Qu  
2015.12.24  
10:01:33  
-05'00'

APPROVAL: \_\_\_\_\_

Charlie (Long) Qu  
Laboratory Supervisor, Organics

All analysis is completed in Ottawa, Ontario (unless otherwise indicated).

Exova Ottawa is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on our CALA scope of accreditation. It can be found at <http://www.cala.ca/scopes/2602.pdf>.

Exova (Ottawa) is certified and accredited for specific parameters by OMAFRA, Ontario Ministry of Agriculture, Food and Rural Affairs (for farm soils). Licensed by Ontario MOE for specific tests in drinking water.

Exova (Mississauga) is accredited for specific parameters by SCC, Standards Council of Canada (to ISO 17025)

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. Exova recommends consulting the official provincial or federal guideline as required.

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Group	Analyte	MRL	Units	Guideline	Lab I.D.	1218076	1218077	1218078	1218079
					Sample Matrix	Supply Water	Supply Water	Supply Water	Supply Water
					Sample Type	TREATEDWATER	TREATEDWATER	DISTRIBUTION	TREATEDWATER
					Sampling Date	2015-12-07	2015-12-07	2015-12-07	2015-12-07
					Sample I.D.	Fountain	Staff Room	Daycare	Lunch Room Kitchen
General Chemistry	Fluoride	0.10	mg/L	MAC-1.5					<0.10
	Nitrate	0.10	mg/L	MAC-10.0			<0.10		<0.10
	Nitrite	0.10	mg/L	MAC-1.0			<0.10		<0.10
	Nitrite + Nitrate	0.10	mg/L	MAC-10.0			<0.10		<0.10
Herbicide/Pesticide	(DDT) + Metabolites	0.024	ug/L	MAC-30		<0.024			
	2,3,4,6-tetrachlorophenol	0.5	ug/L	MAC-100		<0.5			
	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	1.0	ug/L	MAC-280		<1.0			
	2,4,6-trichlorophenol	0.5	ug/L	MAC-5		<0.5			
	2,4-dichlorophenol	0.5	ug/L	MAC-900		<0.5			
	2,4-dichlorophenoxyacetic acid (2,4-D)	1.0	ug/L	IMAC-100		<1.0			
	a-chlordane	0.006	ug/L			<0.006			
	Alachlor	0.5	ug/L	IMAC-5		<0.5			
	Aldicarb	9	ug/L	MAC-9		<9			
	Aldrin	0.006	ug/L			<0.006			
	Aldrin + Dieldrin	0.012	ug/L	MAC-0.7		<0.012			
	Atrazine	1.0	ug/L			<1.0			
	Atrazine + N-dealkylated metabolites	0.2	ug/L	IMAC-5		<0.2			
	Azinphos-methyl	2.0	ug/L	MAC-20		<2.0			
	Bendiocarb	2.0	ug/L	MAC-40		<2.0			
	Benzo(a)pyrene	0.01	ug/L	MAC-0.01		<0.01			
	Bromoxynil	0.5	ug/L	IMAC-5		<0.5			
	Carbaryl	5.0	ug/L	MAC-90		<5.0			
	Carbofuran	5.0	ug/L	MAC-90		<5.0			
	Chlordane (Total)	0.018	ug/L	MAC-7		<0.018			
Chlorpyrifos	1.0	ug/L	MAC-90		<1.0				
Cyanazine	1.0	ug/L	IMAC-10		<1.0				

**Guideline = MOE REG. 170/03**

**\* = Guideline Exceedence**

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					Sample Type	TREATEDWATER	TREATEDWATER	DISTRIBUTION	TREATEDWATER
					Sampling Date	2015-12-07	2015-12-07	2015-12-07	2015-12-07
					Sample I.D.	Fountain	Staff Room	Daycare	Lunch Room Kitchen
Herbicide/Pesticide	De-ethylated atrazine	1.0	ug/L			<1.0			
	Diazinon	1.0	ug/L	MAC-20		<1.0			
	Dicamba	1.0	ug/L	MAC-120		<1.0			
	Diclofop-methyl	0.9	ug/L	MAC-9		<0.9			
	Dieldrin	0.006	ug/L			<0.006			
	Dimethoate	2.5	ug/L	IMAC-20		<2.5			
	Dinoseb	1.0	ug/L	MAC-10		<1.0			
	Diquat	5	ug/L	MAC-70		<5			
	Diuron	10	ug/L	MAC-150		<10			
	g-chlordane	0.006	ug/L			<0.006			
	Glyphosate	10	ug/L	IMAC-280		<10			
	Heptachlor	0.006	ug/L			<0.006			
	Heptachlor + Heptachlor Epoxide	0.012	ug/L	MAC-3		<0.012			
	Heptachlor epoxide	0.006	ug/L			<0.006			
	Lindane	0.006	ug/L	MAC-4		<0.006			
	Malathion	5.0	ug/L	MAC-190		<5.0			
	Methoxychlor	0.006	ug/L	MAC-900		<0.006			
	Metolachlor	1.0	ug/L	IMAC-50		<1.0			
	Metribuzin	5.0	ug/L	MAC-80		<5.0			
	op-DDT	0.006	ug/L			<0.006			
Oxychlordane	0.006	ug/L			<0.006				
Paraquat	1	ug/L	IMAC-10		<1				
Parathion	1.0	ug/L	MAC-50		<1.0				
Pentachlorophenol	0.5	ug/L	MAC-60		<0.5				
Phorate	0.5	ug/L	IMAC-2		<0.5				
Picloram	5.0	ug/L	IMAC-190		<5.0				

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Group	Analyte	MRL	Units	Guideline	1218076 Supply Water TREATEDWATER 2015-12-07 Fountain	1218077 Supply Water TREATEDWATER 2015-12-07 Staff Room	1218078 Supply Water DISTRIBUTION 2015-12-07 Daycare	1218079 Supply Water TREATEDWATER 2015-12-07 Lunch Room Kitchen
Herbicide/Pesticide	pp-DDD	0.006	ug/L		<0.006			
	pp-DDE	0.006	ug/L		<0.006			
	pp-DDT	0.006	ug/L		<0.006			
	Prometryne	0.25	ug/L	IMAC-1	<0.25			
	Simazine	1.0	ug/L	IMAC-10	<1.0			
	Temephos	10	ug/L	IMAC-280	<10			
	Terbufos	0.4	ug/L	IMAC-1	<0.4			
	Triallate	1	ug/L	MAC-230	<1			
	Trifluralin	1.0	ug/L	IMAC-45	<1.0			
Mercury	Mercury	0.0001	mg/L	MAC-0.001	<0.0001			
Metals	Antimony	0.0005	mg/L	IMAC-0.006	<0.0005			
	Arsenic	0.001	mg/L	IMAC-0.025	<0.001			
	Barium	0.01	mg/L	MAC-1.0	<0.01			
	Boron	0.01	mg/L	IMAC-5.0	0.05			
	Cadmium	0.0001	mg/L	MAC-0.005	<0.0001			
	Chromium	0.001	mg/L	MAC-0.05	<0.001			
	Selenium	0.001	mg/L	MAC-0.01	<0.001			
	Sodium	2	mg/L	MAC-20				14
	Uranium	0.001	mg/L	MAC-0.02	<0.001			
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L	IMAC-3	<0.1			
VOCs	1,1-dichloroethylene	0.5	ug/L	MAC-14	<0.5			
	1,2-dichlorobenzene	0.4	ug/L	MAC-200	<0.4			
	1,2-dichloroethane	0.2	ug/L	IMAC-5	<0.2			
	1,4-dichlorobenzene	0.4	ug/L	MAC-5	<0.4			
	Benzene	0.5	ug/L	MAC-5	<0.5			
	Bromodichloromethane	0.3	ug/L				0.7	

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VOCs	Bromoform	0.4	ug/L					<0.4	
	Carbon Tetrachloride	0.2	ug/L	MAC-5		<0.2			
	Chloroform	0.5	ug/L					2.5	
	Dibromochloromethane	0.3	ug/L					<0.3	
	Dichloromethane	4.0	ug/L	MAC-50		<4.0			
	Monochlorobenzene	0.2	ug/L	MAC-80		<0.2			
	Tetrachloroethylene	0.3	ug/L	MAC-30		<0.3			
	Trichloroethylene	0.3	ug/L	MAC-5		<0.3			
	Trihalomethanes (total)	1.5	ug/L	MAC-100				3.2	
	Vinyl Chloride	0.2	ug/L	MAC-2		<0.2			
VOCs Surrogates (%REC)	1,2-dichloroethane-d4	0	%			100			
	4-bromofluorobenzene	0	%			115			
	Toluene-d8	0	%			95		97	
					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1218080 Supply Water RAW WATER 2015-12-07 Utronky Raw			
General Chemistry	Sulphate	1	mg/L	AO-500		66			

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