



Certificate of Analysis

Environment Testing

Client: R.K.Y. CAMP WELL SUPPLY
 1194 Sugarbush Lane
 Parham, ON
 K0H 2K0
 Attention: Mr. D'Arcy Munn
 PO#: MC
 Invoice to: RKY Camp (C/O Kingston Family YMCA)

Report Number: 1816950
 Date Submitted: 2018-09-18
 Date Reported: 2018-10-05
 Project:
 COC #: 835008
 Waterworks/Facility: 260034918

Group	Analyte	MRL	Units	Guideline	1388171 Supply Water TREATEDWATER 2018-09-18 Treated	
HPLC Herb/Pest	Diquat	5	ug/L	MAC 70	<5	
	Diuron	10	ug/L	MAC 150	<10	
	Glyphosate		10	ug/L	IMAC 280	<10
		Paraquat	1	ug/L	IMAC 10	<1
	Metals	As	0.001	mg/L	IMAC 0.01	<0.001
		B	0.01	mg/L	IMAC 5.0	0.22
		Ba	0.01	mg/L	MAC 1.0	<0.01
		Cd	0.0001	mg/L	MAC 0.005	<0.0001
		Cr	0.001	mg/L	MAC 0.05	<0.001
		Hg	0.0001	mg/L	MAC 0.001	<0.0001
Sb		0.0005	mg/L	IMAC 0.006	<0.0005	
Se		0.001	mg/L	MAC 0.05	<0.001	
U		0.001	mg/L	MAC 0.02	<0.001	
NP Pesticides		Alachlor	0.5	ug/L	IMAC 5	<0.5
	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
	Carbaryl	5.0	ug/L	MAC 90	<5.0	
	Carbofuran	5.0	ug/L	MAC 90	<5.0	
	Chlorpyrifos	1.0	ug/L	MAC 90	<1.0	
	De-ethylated atrazine	1.0	ug/L		<1.0	
	Diazinon	1.0	ug/L	MAC 20	<1.0	
	Dimethoate	2.5	ug/L	IMAC 20	<2.5	
Malathion	0.5	ug/L	MAC 190	<0.5		
Metolachlor	1.0	ug/L	IMAC 50	<1.0		

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Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
NP Pesticides	Metribuzin	5.0	ug/L	MAC 80	1388171 Supply Water TREATEDWATER 2018-09-18 Treated
	Phorate	0.5	ug/L	IMAC 2	
	Prometryne	0.25	ug/L	IMAC 1	
	Simazine	1.0	ug/L	IMAC 10	
	Terbufos	0.4	ug/L	IMAC 1	
	Triallate	1.0	ug/L	MAC 230	
	Trifluralin	1.0	ug/L	IMAC 45	
	a-chlordane	0.006	ug/L		
	Aldrin	0.006	ug/L		
	Dieldrin	0.006	ug/L		
OC/P/PCB	g-chlordane	0.006	ug/L		
	op-DDT	0.006	ug/L		
	Oxychlorane	0.006	ug/L		
	pp-DDD	0.006	ug/L		
	pp-DDE	0.006	ug/L		
	pp-DDT	0.006	ug/L		
PAH	Benzo(a)pyrene	0.01	ug/L	MAC 0.01	
	Polychlorinated Biphenyls (PCBs)	0.1	ug/L	IMAC 3	
Phenoxyacid Herb	2,4-dichlorophenoxyacetic acid (2,4-D)	1.0	ug/L	IMAC 100	
	Bromoxynil	0.5	ug/L	IMAC 5	
Diclofop-methyl	Dicamba	1.0	ug/L	MAC 120	
	ICP/A	1.0	ug/L	MAC 9	
	Picloram	5.0	ug/L	IMAC 190	
Semi-Volatiles	2,3,4,6-tetrachlorophenol	1.0	ug/L	MAC 100	

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Group	Analyte	MRL	Units	Guideline	1388171 Supply Water TREATED WATER 2018-09-18 Treated
Semi-Volatiles	2,4,6-trichlorophenol	1.0	ug/L	MAC 5	<1.0
	2,4-dichlorophenol	0.2	ug/L	MAC 900	<0.2
	Pentachlorophenol	1.0	ug/L	MAC 60	<1.0
VOCs Surrogates	1,2-dichloroethane-d4	0	%		108
	4-bromofluorobenzene	0	%		117
Volatiles	Toluene-d8	0	%		93
	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 1	<0.5
	Carbon Tetrachloride	0.2	ug/L	MAC 2	<0.2
	Dichloromethane	4.0	ug/L	MAC 50	<4.0
	Monochlorobenzene	0.5	ug/L	MAC 80	<0.5
	Tetrachloroethylene	0.3	ug/L	MAC 10	<0.3
Trichloroethylene	0.3	ug/L	MAC 5	<0.3	
	Vinyl Chloride	0.2	ug/L	MAC 1	<0.2

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 353108 Analysis/Extraction Date 2018-09-21 Analyst H D			
Method EPA 200.8			
Arsenic	<0.001 mg/L	102	91.7-108.2
Boron (total)	<0.01 mg/L	111	84.9-115
Barium	<0.01 mg/L	101	93.4-106.5
Cadmium	<0.0001 mg/L	102	93.5-106.4
Chromium Total	<0.001 mg/L	100	94-106
Antimony	<0.0005 mg/L	109	89.6-110.3
Selenium	<0.001 mg/L	95	87.4-112.6
Uranium	<0.001 mg/L	96	92.7-107.2
Run No 353123 Analysis/Extraction Date 2018-09-20 Analyst TJB			
Method V 8260B			
Dichloroethylene, 1,1-	<0.5 ug/L	102	60-130
Dichlorobenzene, 1,2-	<0.4 ug/L	104	60-130
Dichloroethane, 1,2-	<0.2 ug/L	118	60-130
Dichlorobenzene, 1,4-	<0.4 ug/L	109	60-130
Benzene	<0.5 ug/L	118	60-130
Carbon Tetrachloride	<0.2 ug/L	109	60-130

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Methylene Chloride	<4.0 ug/L	103	60-130
Chlorobenzene	<0.5 ug/L	114	60-130
Tetrachloroethylene	<0.3 ug/L	94	60-130
Trichloroethylene	<0.3 ug/L	102	60-130
Vinyl Chloride	<0.2 ug/L	112	60-130
Run No 353260 Analysis/Extraction Date 2018-09-24 Analyst SKH			
Method EPA 200.8			
Mercury	<0.0001 mg/L	96	80-120
Run No 353641 Analysis/Extraction Date 2018-09-29 Analyst C M			
Method SW 846 8151A/3151A			
2,4-dichlorophenoxyacetic acid (2,4-D)		100	10-120
Bromoxynil		77	10-120
Dicamba		110	10-120
Diclofop-methyl		112	10-120
MCPA		50	10-120
Picloram		109	10-120
Run No 353642 Analysis/Extraction Date 2018-09-27 Analyst C M			
Method B 625 P 8270/3510C			
2,3,4,6-tetrachlorophenol	<1.0 ug/L	63	20-140

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Analyte	Blank	QC % Rec	QC Limits
Trichlorophenol, 2,4,6-	<1.0 ug/L	68	20-140
Dichlorophenol, 2,4-	<0.2 ug/L	61	20-140
Pentachlorophenol	<1.0 ug/L	93	20-140
Run No 353644 Analysis/Extraction Date 2018-09-29 Analyst C. M			
Method P 8270C/SW846 3510C			
Alachlor	<0.5 ug/L		20-140
Atrazine	<1.0 ug/L		20-140
Atrazine + N-dealkylated metabolites	<0.2 ug/L		20-140
Azinphos-methyl	<2.0 ug/L		20-140
Benzoflupirene	<0.01 ug/L		20-140
Carbaryl	<5.0 ug/L		20-140
Carbofuran	<5.0 ug/L		20-140
Chlorpyrifos	<1.0 ug/L		20-140
De-ethylated atrazine	<1.0 ug/L		20-140
Diazinon	<1.0 ug/L		20-140
Dimethoate	<2.5 ug/L		20-140
Malathion	<0.5 ug/L		20-140
Metolachlor	<1.0 ug/L		20-140

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QC Summary

Analyte	Blank	QC % Rec	QC Limits
Metribuzin	<5.0 ug/L		20-140
Phorate	<0.5 ug/L		20-140
Prometryne	<0.25 ug/L		20-140
Simazine	<1.0 ug/L		20-140
Terbufos	<0.4 ug/L		20-140
Triallate	<1.0 ug/L		20-140
Trifluralin	<1.0 ug/L		20-140
Run No. 353733 Analysis/Extraction Date 2018-09-28 Analyst R E			
Method EPA 8081B			
a-chlordane	<0.006 ug/L	99	50-140
Aldrin	<0.006 ug/L	96	50-140
Dieldrin	<0.006 ug/L	97	50-140
g-chlordane	<0.006 ug/L	99	50-140
op-DDT	<0.006 ug/L	115	50-140
Oxychlordane	<0.006 ug/L	105	50-140
Polychlorinated Biphenyls	<0.1 ug/L	110	60-140
DDD	<0.006 ug/L	81	50-140
DDE	<0.006 ug/L	97	50-140

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Analyte	Blank	QC % Rec	QC Limits
DDT	<0.006 ug/L	126	50-140
Run No 354071 Analysis/Extraction Date 2018-10-05 Analyst QL			
Method P 8000-HPLC			
Diquat	<5 ug/L	92	60-120
Diuron	<10 ug/L	90	60-120
Glyphosate	<10 ug/L	86	60-120
Paraquat	<1 ug/L	95	60-120

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