

RESULTS OF ANALYSES OF WATER

Bureau Veritas ID		RBP000	RBP001		
Sampling Date		2021-10-27 09:30	2021-10-27 10:06		
COC Number		844296-01-01	844296-01-01		
Sample #		RAW WATER	TREATED WATER		
	UNITS	Raw Water	Treated Water		
Semivolatile Organics					
N-Nitrosodimethylamine	ng/L	ND	ND		
Calculated Parameters					
Nitrate (N)	mg/L	ND	ND		
Inorganics					
Dissolved Bromate	mg/L	ND	ND		
Dissolved Bromide (Br-)	mg/L	0.020	ND		
Dissolved Chlorate (ClO3-)	mg/L	ND	ND		
Dissolved Chloride (Cl-)	mg/L	11	13		
Dissolved Chlorite (ClO2-)	mg/L	ND	ND		
Colour	TCU	18	ND		
Free Cyanide (CN)	ug/L	1.1 (1)	ND (1)		
Total Dissolved Solids	mg/L	ND	28		
Dissolved Fluoride (F-)	mg/L	ND	ND		
Microcystin	ug/L	ND	ND		
Nitrite (N)	mg/L	ND	ND		
pH	pH	6.38	7.45		
Dissolved Sulphate (SO4)	mg/L	4.0	15		
Sulphide	mg/L	ND	ND		
Turbidity	NTU	1.3	0.14		
Miscellaneous Parameters					
NTA	mg/L	ND	ND		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

(1) Interference checks not performed at the time of sampling. The lab cannot guarantee that interferences were not present at the time of sampling and that there is no low bias in results MAC for (CN) is 200 ug/L

The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum Results relate only to the items tested.

Town of Yarmouth

Bureau Veritas Job Number: C1V6222

Report Date: 2021/12/17

MERCURY BY COLD VAPOUR AA (WATER)

Bureau Veritas ID		RBP000	RBP001		
Sampling Date		2021-10-27 09:30	2021-10-27 10:06		
COC Number		844296-01-01	844296-01-01		
Sample #		RAW WATER	TREATED WATER		
	UNITS	Raw Water	Treated Water		
Metals					
Total Mercury (Hg)	ug/L	ND	ND		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Results relate only to the items tested.

The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum

Bureau Veritas Job Number: C1V6222

Report Date: 2021/12/17

HALOACETIC ACIDS BY GC-ECD (WATER)

Bureau Veritas ID		RBP000	RBP001		
Sampling Date		2021-10-27 09:30	2021-10-27 10:06		
COC Number		844296-01-01	844296-01-01		
Sample #		RAW WATER	TREATED WATER		
	UNITS	Raw Water	Treated Water		
Miscellaneous Parameters					
Monochloroacetic Acid (MCAA)	ug/L	ND	ND		
Monobromoacetic Acid (MBAA)	ug/L	ND	ND		
Dichloroacetic Acid (DCAA)	ug/L	ND	8.3		
Trichloroacetic Acid (TCAA)	ug/L	ND	8.2		
Bromochloroacetic Acid (BCAA)	ug/L	ND	ND		
Dibromoacetic Acid (DBAA)	ug/L	ND	ND		
Total haloacetic acids	ug/L	ND	17		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Results relate only to the items tested.**The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum**

Town of Yarmouth

Bureau Veritas Job Number: C1V6222

Report Date: 2021/12/17

ELEMENTS BY ICP/MS (WATER)

Bureau Veritas ID		RBP000		RBP001		
Sampling Date		2021-10-27 09:30		2021-10-27 10:06		
COC Number		844296-01-01		844296-01-01		
Sample #		RAW WATER		TREATED WATER		
	UNITS	Raw Water		Treated Water		
Metals						
Total Aluminum (Al)	ug/L	58		24		
Total Antimony (Sb)	ug/L	ND		ND		
Total Arsenic (As)	ug/L	ND		ND		
Total Barium (Ba)	ug/L	2.9		3.2		
Total Boron (B)	ug/L	ND		ND		
Total Cadmium (Cd)	ug/L	ND		ND		
Total Chromium (Cr)	ug/L	ND		ND		
Total Copper (Cu)	ug/L	15		0.92		
Total Iron (Fe)	ug/L	110		ND		
Total Lead (Pb)	ug/L	ND		ND		
Total Manganese (Mn)	ug/L	11		2.2		
Total Selenium (Se)	ug/L	ND		ND		
Total Sodium (Na)	ug/L	5900		17000		
Total Strontium (Sr)	ug/L	7.5		12		
Total Uranium (U)	ug/L	ND		ND		
Total Zinc (Zn)	ug/L	ND		28		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Results relate only to the items tested.

The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum

Bureau Veritas Job Number: C1V6222

Report Date: 2021/12/17

PERFLUOROALKYL SUBSTANCES (WATER)

Bureau Veritas ID		RBP000	RBP001		
Sampling Date		2021-10-27 09:30	2021-10-27 10:06		
COC Number		844296-01-01	844296-01-01		
Sample #		RAW WATER	TREATED WATER		
	UNITS	Raw Water	Treated Water		
Perfluorinated Compounds					
Perfluorooctanoic acid (PFOA)	ug/L	ND	ND		
Perfluorooctanesulfonic acid (PFOS)	ug/L	ND	ND		
Surrogate Recovery (%)					
13C4-Perfluorooctanesulfonic acid	%	97	99		
13C4-Perfluorooctanoic acid	%	99	103		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Results relate only to the items tested.

The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum

Town of Yarmouth

Bureau Veritas Job Number: C1V6222

Report Date: 2021/12/17

SEMI-VOLATILE ORGANICS BY GC-MS (WATER)

Bureau Veritas ID		RBP000	RBP001		
Sampling Date		2021-10-27 09:30	2021-10-27 10:06		
COC Number		844296-01-01	844296-01-01		
Sample #		RAW WATER	TREATED WATER		
	UNITS	Raw Water	Treated Water	RDL	QC Batch
Semivolatile Organics					
2,3,4,6-Tetrachlorophenol	ug/L	ND	ND		
2,4,5-T	ug/L	ND	ND		
2,4,6-Trichlorophenol	ug/L	ND	ND		
2,4-D	ug/L	ND	ND		
2,4-Dichlorophenol	ug/L	ND	ND		
Alachlor	ug/L	ND	ND		
Aldicarb	ug/L	ND	ND		
Atrazine	ug/L	ND	ND		
Des-ethyl atrazine	ug/L	ND	ND		
Atrazine + Desethyl-atrazine	ug/L	ND	ND		
Bendiocarb	ug/L	ND	ND		
Bromoxynil	ug/L	ND	ND		
Carbaryl	ug/L	ND	ND		
Carbofuran	ug/L	ND	ND		
Chlorpyrifos (Dursban)	ug/L	ND	ND		
Cyanazine (Bladex)	ug/L	ND	ND		
Diazinon	ug/L	ND	ND		
Dicamba	ug/L	ND	ND		
Diclofop-methyl	ug/L	ND	ND		
Dimethoate	ug/L	ND	ND		
Dinoseb	ug/L	ND	ND		
Malathion	ug/L	ND	ND		
Metolachlor	ug/L	ND	ND		
Metribuzin (Sencor)	ug/L	ND	ND		
Ethyl Parathion	ug/L	ND	ND		
Pentachlorophenol	ug/L	ND	ND		
Phorate	ug/L	ND	ND		
Picloram	ug/L	ND	ND		
Prometryne	ug/L	ND	ND		
Simazine	ug/L	ND	ND		
Terbufos	ug/L	ND	ND		
Triallate	ug/L	ND	ND		
Trifluralin	ug/L	ND	ND		
Benzo(a)pyrene	ug/L	ND	ND		

Methyl parathion	ug/L	ND	ND		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Results relate only to the items tested.

The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum

Bureau Veritas Job Number: C1V6222

Report Date: 2021/12/17

VOLATILE ORGANICS BY GC/MS (WATER)

Bureau Veritas ID		RBP000		RBP001		
Sampling Date		2021-10-27 09:30		2021-10-27 10:06		
COC Number		844296-01-01		844296-01-01		
Sample #		RAW WATER		TREATED WATER		
	UNITS	Raw Water		Treated Water		
Volatile Organics						
1,1-Dichloroethylene	ug/L	ND		ND		
1,2-Dichlorobenzene	ug/L	ND		ND		
1,2-Dichloroethane	ug/L	ND		ND		
1,4-Dichlorobenzene	ug/L	ND		ND		
Benzene	ug/L	ND		ND		
Bromodichloromethane	ug/L	ND		7.0		
Bromoform	ug/L	ND		ND		
Carbon Tetrachloride	ug/L	ND		ND		
Chlorobenzene	ug/L	ND		ND		
Chloroform	ug/L	ND		29		
Dibromochloromethane	ug/L	ND		1.1		
Methylene Chloride(Dichloromethane)	ug/L	ND		ND		
Ethylbenzene	ug/L	ND		ND		
Methyl t-butyl ether (MTBE)	ug/L	ND		ND		
Tetrachloroethylene	ug/L	ND		ND		
Toluene	ug/L	ND		ND		
Trichloroethylene	ug/L	ND		ND		
Vinyl Chloride	ug/L	ND		ND		
Total Xylenes	ug/L	ND		ND		
Total Trihalomethanes	ug/L	ND		37		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Results relate only to the items tested.

The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum

Town of Yarmouth

Bureau Veritas Job Number: C1V6222

Report Date: 2021/12/17

PESTICIDES & HERBICIDES BY HPLC (WATER)

Bureau Veritas ID		RBP000	RBP001		
Sampling Date		2021-10-27 09:30	2021-10-27 10:06		
COC Number		844296-01-01	844296-01-01		
Sample #		RAW WATER	TREATED WATER		
	UNITS	Raw Water	Treated Water		
Pesticides & Herbicides					
Glyphosate	ug/L	ND	ND		
Diquat	ug/L	ND	ND		
Diuron	ug/L	ND	ND		
Guthion (Azinphos-methyl)	ug/L	ND	ND		
Paraquat	ug/L	ND	ND		

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.

Results relate only to the items tested.

The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum