

Champlain Water District Non-Detect Report 2019

NON-DETECTED CONTAMINANT	UNIT MEASUREMENT	MDL	RECENT DATE SAMPLED/TESTED
1. Arsenic	mg/L	Less than .001 mg/L	01/11/19 (Annually)
2. Beryllium	mg/L	Less than .001 mg/L	01/11/19 (Annually)
3. Cadmium	mg/L	Less than .001 mg/L	01/11/19 (Annually)
4. Chromium	mg/L	Less than .01 mg/L	01/11/19 (Annually)
5. Cobalt	mg/L	Less than .01 mg/L	01/11/19 (Annually)
6. Mercury	mg/L	Less than .0005 mg/L	01/11/19 (Annually)
7. Nickel	mg/L	Less than .01 mg/L	01/11/19 (Annually)
8. Selenium	mg/L	Less than .005 mg/L	01/11/19 (Annually)
9. Uranium	mg/L	Less than .001 mg/L	01/11/19 (Annually)
10. Vanadium	mg/L	Less than .005 mg/L	01/11/19 (Annually)
11. Antimony	mg/L	Less than .001 mg/L	01/11/19 (Annually)
12. Barium	mg/L	Less than .01 mg/L	01/11/19 (Annually)
13. Molybdenum	mg/L	Less than .005 mg/L	01/11/19 (Annually)
14. Thallium	mg/L	Less than .001 mg/L	01/11/19 (Annually)
15. Benzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
16. Bromobenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
17. Bromochloromethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
18. Bromoform	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
19. Bromomethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
20. n-Butylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
21. sec-Butylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
22. tert-Butylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
23. Carbon Tetrachloride	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
24. Chlorobenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
25. Chloroethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
26. Chloromethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
27. 2-Chlorotoluene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
28. 4-Chlorotoluene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
29. DBCP	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
30. EDB	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
31. Dibromomethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
32. 1,2- Dichlorobenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
33. 1,3- Dichlorobenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
34. 1,4- Dichlorobenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
35. Dichlorodifluoromethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
36. 1,1-Dichloroethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
37. 1,2-Dichloroethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
38. 1,1-Dichloroethylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
39. cis-1,2-Dichloroethylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
40. trans-1,2-Dichloroethylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
41. Dichloromethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
42. 1,2-Dichloropropane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
43. 1,3-Dichloropropane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
44. 2,2-Dichloropropane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
45. 1,1-Dichloropropylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
46. cis-1,3-Dichloropropylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)

Champlain Water District Non-Detect Report 2019

NON-DETECTED CONTAMINANT	UNIT MEASUREMENT	MDL	
47. trans-1,3-Dichloropropylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
48. 1,3-Dichloropropylene, cis & trans	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
49. Ethylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
50. Hexachlorobutadiene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
51. Isopropylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
52. 4-Isopropyltoluene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
53. MTBE	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
54. Naphthalene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
55. n-Propylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
56. Styrene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
57. 1,1,1,2-Tetrachloroethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
58. 1,1,2,2-Tetrachloroethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
59. Tetrachloroethylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
60. Toluene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
61. 1,2,3-Trichlorobenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
62. 1,2,4-Trichlorobenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
63. 1,1,1-Trichloroethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
64. 1,1,2-Trichloroethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
65. Trichloroethylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
66. Trichlorofluoromethane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
67. 1,2,3-Trichloropropane	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
68. 1,2,4-Trimethylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
69. 1,3,5-Trimethylbenzene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
70. Vinyl Chloride	ug/L	Less than 0.2 ug/L	0/17/19 (Annually)
71. 1,2-Xylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
72. 1,3+1,4-Xylene	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
73. Xylenes, Total	ug/L	Less than 0.5 ug/L	0/17/19 (Annually)
74. Arochlor 1016	ug/L	Less than 0.08 ug/L	04/17/1 (3 years)
75. Arochlor 1221	ug/L	Less than 0.19 ug/L	04/17/1 (3 years)
76. Arochlor 1232	ug/L	Less than 0.23 ug/L	04/17/1 (3 years)
77. Arochlor 1242	ug/L	Less than 0.26 ug/L	04/17/1 (3 years)
78. Arochlor 1248	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
79. Arochlor 1254	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
80. Arochlor 1260	ug/L	Less than 0.2 ug/L	04/17/1 (3 years)
81. Chlordane	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
82. Toxaphene	ug/L	Less than 1.0 ug/L	04/17/1 (3 years)
83. 2,4-D	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
84. Dalapon	ug/L	Less than 1.0 ug/L	04/17/1 (3 years)
85. Dicamba	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
86. Dinoseb	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
87. Pentachlorophenol	ug/L	Less than 0.04 ug/L	04/17/1 (3 years)
88. Pichloram	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
89. 2,4,5-TP(Silvex)	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
90. Alachlor	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
91. Aldrin	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)

Champlain Water District Non-Detect Report 2019

92. Atrazine	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
NON-DETECTED CONTAMINANT	UNIT MEASUREMENT	MDL	RECENT DATE SAMPLED/TESTED
93. Benzo(a)pyrene	ug/L	Less than 0.02 ug/L	04/17/1 (3 years)
94. gamma-BHC (Lindane)	ug/L	Less than 0.02 ug/L	04/17/1 (3 years)
95. Butachlor	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
96. Dieldrin	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
97. Di(2-ethylhexyl)adipate	ug/L	Less than 0.6 ug/L	04/17/1 (3 years)
98. Di(2-ethylhexyl)phthalate	ug/L	Less than 0.6 ug/L	04/17/1 (3 years)
99. Endrin	ug/L	Less than 0.01 ug/L	04/17/1 (3 years)
100. Heptachlor	ug/L	Less than 0.04 ug/L	04/17/1 (3 years)
101. Heptachlor epoxide	ug/L	Less than 0.02 ug/L	04/17/1 (3 years)
102. Hexachlorobenzene	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
103. Hexachloropentadiene	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
104. Methoxychlor	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
105. Metholachlor	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
106. Metribuzin	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
107. Propachlor	ug/L	Less than 0.1 ug/L	04/17/1 (3 years)
108. Simazine	ug/L	Less than 0.07 ug/L	04/17/1 (3 years)
109. Aldicarb	ug/L	Less than 0.5 ug/L	04/17/1 (3 years)
110. Aldicarb sulfone	ug/L	Less than 0.7 ug/L	04/17/1 (3 years)
111. Aldicarb sulfoxide	ug/L	Less than 0.5 ug/L	04/17/1 (3 years)
112. carbaryl	ug/L	Less than 0.5 ug/L	04/17/1 (3 years)
113. Carbofuran	ug/L	Less than 0.9 ug/L	04/17/1 (3 years)
114. 3-Hydroxycarbofuran	ug/L	Less than 0.5 ug/L	04/17/1 (3 years)
115. Methomyl	ug/L	Less than 0.5 ug/L	04/17/1 (3 years)
116. 1-Naphthol	ug/L	Less than 1 ug/L	04/17/1 (3 years)
117. Oxamyl	ug/L	Less than 1 ug/L	04/17/1 (3 years)
118. Cyanide	mg/L	Less than 5 ug/L	11/27/18 (Annually)
119. Asbestos	Million fibers/L	Less than 0.19 MFL	03/2016 (6 years)
120. Acetaminophen	ug/L	Less than 0.005	11/29/18 (Annually)
121. Antipyrine	ug/L	Less than 0.001	11/29/18 (Annually)
122. Atenolol	ug/L	Less than 0.001	11/29/18 (Annually)
123. Azithromycin	ug/L	Less than 0.005	11/29/18 (Annually)
124. Caffeine	ug/L	Less than 0.05	11/29/18 (Annually)
125. Carbadox	ug/L	Less than 0.005	11/29/18 (Annually)
126. Carbamazepine	ug/L	Less than 0.001	11/29/18 (Annually)
127. Dexamethasone	ug/L	Less than 0.005	11/29/18 (Annually)
128. Diazepam	ug/L	Less than 0.001	11/29/18 (Annually)
129. Diltiazem	ug/L	Less than 0.0001	11/29/18 (Annually)
130. Enrofloxacin	ug/L	Less than 0.05	11/29/18 (Annually)
131. Fluoxetine	ug/L	Less than 0.001	11/29/18 (Annually)
132. Iopromide	ug/L	Less than 0.05	11/29/18 (Annually)
133. Lincomycin	ug/L	Less than 0.001	11/29/18 (Annually)
134. Meprobamate	ug/L	Less than 0.001	11/29/18 (Annually)
135. Monensin	ug/L	Less than 0.001	11/29/18 (Annually)
137. Narasin	ug/L	Less than 0.001	11/29/18 (Annually)
138. Nicotine	ug/L	Less than 0.005	11/29/18 (Annually)

Champlain Water District Non-Detect Report 2019

139. Oleandomycin	ug/L	Less than 0.001	11/29/18 (Annually
NON-DETECTED CONTAMINANT	UNIT MEASUREMENT	MDL	RECENT DATE SAMPLED/TESTED
140. Paraxanthine	ug/L	Less than 0.005	11/29/18 (Annually
141. Primidone	ug/L	Less than 0.005	11/29/18 (Annually
142. Roxithromycin	ug/L	Less than 0.001	11/29/18 (Annually
143. Salinomycin	ug/L	Less than 0.0001	11/29/18 (Annually
144. Sulfadiazine	ug/L	Less than 0.001	11/29/18 (Annually
145. Sulfamethazine	ug/L	Less than 0.001	11/29/18 (Annually
146. Sulfamethizole	ug/L	Less than 0.001	11/29/18 (Annually
147. Sulfamethoxazole	ug/L	Less than 0.001	11/29/18 (Annually
148. Sulfasalazine	ug/L	Less than 0.005	11/29/18 (Annually
149. Sulfathiazole	ug/L	Less than 0.001	11/29/18 (Annually
150. Theobromine	ug/L	Less than 0.05	11/29/18 (Annually
151. Trimethoprim	ug/L	Less than 0.001	11/29/18 (Annually
152. Tris(2-chloroethyl) phosphate	ug/L	Less than 0.01	11/29/18 (Annually
153. Tylosin	ug/L	Less than 0.001	11/29/18 (Annually
154. Virginiamycin M1	ug/L	Less than 0.001	11/29/18 (Annually
155. Erythromycin	ug/L	Less than 0.001	11/29/18 (Annually
156. Bisphenol A	ug/L	Less than 0.1	11/29/18 (Annually
157. Nonylphenol, isomer mix	ug/L	Less than 0.5	11/29/18 (Annually
158. 4-n-Octylphenol	ug/L	Less than 0.5	11/29/18 (Annually
159. Tetrabromobisphenol A	ug/L	Less than 0.1	11/29/18 (Annually
160. Pentachlorophenol	ug/L	Less than 0.1	11/29/18 (Annually
161. 2,4,6-Trichlorophenol	ug/L	Less than 0.1	11/29/18 (Annually
162. 4-tert-Octylphenol	ug/L	Less than 0.5	11/29/18 (Annually
163. Phenylphenol	ug/L	Less than 0.1	11/29/18 (Annually
164. 1,4 Dioxane	ug/L	Less Than 0.07	QTRly One Year
165. Bromochloromethane	ug/L	Less Than 0.06	QTRly One Year
166. Bromomethane	ug/L	Less Than 0.2	QTRly One Year
167. 1,3-Butadiene	ug/L	Less Than 0.1	QTRly One Year
168. Chlorodifluoromethane	ug/L	Less Than 0.08	QTRly One Year
169. Chloromethane	ug/L	Less Than 0.2	QTRly One Year
170. 1,1-Dichloroethane	ug/L	Less Than 0.03	QTRly One Year
171. 1,2,3-Trichloropropane	ug/L	Less Than 0.03	QTRly One Year
172. Perfluorobutanesulfonic acid	ng/L	Less Than 2	Every 4 months
173. Perfluoroheptanoic acid	ng/L	Less Than 2	Every 4 months
174. Perfluorohexanesulfonic acid	ng/L	Less Than 2	Every 4 months
175. Perfluorononanoic acid	ng/L	Less Than 2	Every 4 months
176. Perfluorooctane sulfanate	ng/L	Less Than 2	Every 4 months
177. Perfluorooctonoic acid	ng/L	Less Than 2	Every 4 months
178. Chromium	ug/L	Less Than 0.2	QTRly One Year
179. Cobalt	ug/L	Less Than 1.0	QTRly One Year
180. Molybdenum	ug/L	Less Than 1.0	QTRly One Year
181. Dimethoate	ug/L	Less Than 0.7	Once One Year 2010
182. 2,2 4,4 5,5-Hexabromobiphenyl (HBB)	ug/L	Less Than	Once One Year 2010

Champlain Water District Non-Detect Report 2019

NON-DETECTED CONTAMINANT	UNIT MEASUREMENT	MDL	RECENT DATE SAMPLED/TESTED
183. 2,2 4,4 5,5-Hexabromobiphenyl ether (BDE-153)	ug/L	Less Than	Once One Year 2010
184. 2,2 4,4 5-Pentabromobiphenyl ether (BDE-99)	ug/L	Less Than	Once One Year 2010
185. 2,2 4,4 6-Pentabromobiphenyl ether (BDE-100)	ug/L	Less Than	Once One Year 2010
186. Terbufos Sulfone	ug/L	Less Than	Once One Year 2010
187. 2,2 4,4-tetrabromobiphenyl ether (BDE-47)	ug/L	Less Than	Once One Year 2010
188. 1,3 Nitrobenzene	ug/L	Less Than	Once One Year 2010
189. Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	ug/L	Less Than	Once One Year 2010
190. 2,4,6-trinitrotoluene (TNT)	ug/L	Less Than	Once One Year 2010
191. Vanadium	ug/L	Less Than 0.2	QTRly One Year
192. Germanium	ug/L	Less than 0.300	QTRly One Year
193. Microcystin	ug/L	Less than 0.16	12 weeks Summer
194. Anatoxin	ug/L	Less than 0.16	Based upon screen
195. Nodularins	ug/L	Less than 0.16	QTRy One Year
196. Cylindrospermopsin	Ug/L	Less than 0.16	12 weeks one year
197. 17-alpha-ethynylestradiol	ug/L	Less than 0.0009	Once One Year 2014
198. 17-beta-estradiol	ug/L	Less than 0.0004	Once One Year 2014
199. 4-androstene-3,17-dione	ug/L	Less than 0.0003	Once One Year 2014
200. Equilin	ug/L	Less than 0.004	Once One Year 2014
201. Estriol	ug/L	Less than 0.0008	Once One Year 2014
202. Estrone	ug/L	Less than 0.002	Once One Year 2014
203. Testosterone	ug/L	Less than 0.0001	Once One Year 2014
204. Chlorpyrifos	ug/L	Less than 0.03	QTRly One Year
205. Dimethipin	ug/L	Less than 0.02	QTRly One Year
206. alpha-Hexachlorocyclohexane	ug/L	Less than 0.01	QTRly One Year
207. Oxyfluorfen	ug/L	Less than 0.05	QTRly One Year
208. Profenofos	ug/L	Less than 0.3	QTRly One Year
209. Tebuconazole	ug/L	Less than 0.2	QTRly One Year
210. cis & trans permethrin	ug/L	Less than 0.04	QTRly One Year
211. Tribufos	ug/L	Less than 0.07	QTRly One Year
212. Butylated hydroxyanisole	ug/L	Less than 0.03	QTRly One Year
213. o-Toluidine	ug/L	Less than 0.007	QTRly One Year
214. Quinoline	ug/L	Less than 0.02	QTRly One Year
215. 1-Butanol	ug/L	Less than 2	QTRly One Year
216. 2-Methoxyethanol	ug/L	Less than 0.4	QTRly One Year
217. 2-Propen-1-ol	ug/L	Less than 0.5	QTRly One Year
218. Ethoprop	Ug/L	Less than 0.03	QTRly One Year

Sampling for contaminants 1 – 119 required every 1, 3 or 6 years. (Compliance)

Sampling for contaminants 164 – 171 & 178-181 required quarterly for one full year as part of USEPA research requirements. (UCMR3)

Champlain Water District Non-Detect Report 2019

Sampling for contaminants 172 – 177 initially required for one year as USEPA research (UCMR3), now sampled every 4 months by CWD.

Sampling for contaminants 191-200 required once as part of USEPA research requirements. (UCMR3).

Sampling for contaminants 181-190 required once as part of USEPA research requirements. (UCMR2).

Sampling for contaminants 192, 203-218 required quarterly for one year as part of USEPA research requirements. (UCMR4).