



Trihalomethane Analysis – MCKINLEY LANDING

GEID completes testing for trihalomethanes at various points throughout the distribution system, several times each year. Trihalomethanes are created through a reaction between chlorine, which is required as a disinfectant, and naturally occurring organic compounds in the water.

| Trihalomethane Concentrations (THM's) - McKinley Landing Distribution System | | | | |
|---|-------------|------------------------------|---|--------------|
| Location | Date | Total Trihalomethanes | Canadian Guidelines for Drinking Water | Units |
| Shayler Court T/S | Jan11/13 | 0.023 | MAC = 0.1 | mg/L |
| Shayler Court T/S | March 22/13 | 0.051 | MAC = 0.1 | mg/L |
| Shayler Court T/S | Aug 22/13 | 0.092 | MAC = 0.1 | mg/L |
| Shayler Court T/S | Dec 20/13 | 0.059 | MAC = 0.1 | mg/L |
| Shayler Court T/S | April 25/14 | 0.058 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | Sept 5/14 | 0.067 | MAC = 0.1 | mg/L |
| Shayler Court T/S | Dec 19/14 | 0.074 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | June 2/15 | 0.070 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | Nov 10/15 | 0.077 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | April 8/16 | 0.069 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | Sept 22/16 | 0.081 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | Nov 30/16 | 0.069 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | June 19/17 | 0.0852 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | Sept 29/17 | 0.0700 | MAC = 0.1 | mg/L |
| Arthur Ct. Reservoir | | | MAC = 0.1 | mg/L |

* For more information regarding Trihalomethane concentrations please click the link below
<http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/trihalomethanes/index-eng.php>

T/S (test station)