



| Contaminant of Concern (COC)                  | Type of Contaminant   | Risk-Based Level  |
|---|-----------------------|---|
| TCE – trichloroethene                         | solvent               | MCL = 5 µg/L  |
| PCE – perchloroethene                         | solvent               | MCL = 5 µg/L  |
| CCl <sub>4</sub> – carbon tetrachloride       | solvent               | MCL = 5 µg/L  |
| EDB – ethylene dibromide                      | fuel-related compound | MMCL = 0.02 µg/L  |
| benzene                                       | fuel-related compound | MCL = 5 µg/L  |
| vinyl chloride                                | solvent               | MCL = 2 µg/L  |
| 1,1,2,2-tetrachloroethane                     | solvent               | GW-1 = 2 µg/L   |
| 1,4-dichlorobenzene                           | solvent               | MCL = 5 µg/L  |
| manganese                                     | metal                 | EPA Health Advisory = 300 µg/L  |
| thallium                                      | metal                 | MCL = 2 µg/L  |
| lead  | metal                 | 15 µg/L (treatment technique action level for water distribution systems) |
| toluene                                       | fuel                  | MCL = 1,000 µg/L  |
| RDX – hexahydro-1,3,5-trinitro-1,3,5-triazine | explosive             | HA = 2 µg/L<br>GW-1 = 1 µg/L<br>10 <sup>-6</sup> = 0.6 µg/L               |
| perchlorate                                   | oxidizer              | HA = 15 µg/L<br>MMCL = 2 µg/L   |

MCL – Maximum Contaminant Level  
 MMCL – Massachusetts Maximum Contaminant Level  
 HA – Federal Lifetime Health Advisory  
 GW-1 – State default cleanup value to be used in lieu of site-specific risk-based level  
 10<sup>-6</sup> – EPA level resulting in an excess cancer risk of one in a million

## Massachusetts Military Reservation Groundwater Findings

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Note: ppb = parts per billion and is a measure of concentration. It is approximately equivalent to micrograms per liter (µg/L).