



| 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   |
| VC = vinyl chloride                           | solvent               | MCL = 2 µg/L   |
| 1,1,2,2-TeCa = 1,1,2,2-tetrachloroethane      | solvent               | GW-1 = 2 µg/L  |
| 1,4-DCB = 1,4-dichlorobenzene                 | solvent               | MMCL = 5 µg/L  |
| Mn = 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-related compound | 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 (IAGWSP); = 0.7 µg/L (IRP) |
| perchlorate                                   | oxidizer              | HA = 15 µg/L<br>MMCL = 2 µg/L  |
| C5-C8 aliphatic hydrocarbons                  | fuel-related compound | GW-1 = 300 µg/L  |
| C9-C10 aromatic hydrocarbons                  | fuel-related compound | GW-1 = 200 µg/L  |
| C9-C12 aromatic hydrocarbons                  | fuel-related compound | GW-1 = 700 µg/L  |
| C11-C22 aromatic hydrocarbons                 | fuel-related compound | GW-1 = 200 µg/L  |
| 1,2,4-TMB                                     | fuel-related compound | RBC = 56 µg/L  |
| 1,3,5-TMB                                     | fuel-related compound | RBC = 60 µg/L  |
| 2-methylnaphthalene                           | fuel-related compound | GW-1 = 10 µg/L   |

## Joint Base Cape Cod Groundwater Plume Map, IRP and IAGWSP LUC Areas, and IRP PFOS/PFOA Outreach Areas

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Note: MCL – Maximum Contaminant Level  
 MMCL – Massachusetts Maximum Contaminant Level  
 HA – Federal Lifetime Health Advisory  
 PFOS – Perfluorooctane Sulfonic Acid  
 PFOA – Perfluorooctanoic Acid  
 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  
 RBC – Site Specific Risk Based Concentration