

Contaminant of Concern (COC)	Type of Contaminant	Risk-Based Level
TCE = trichloroethene	solvent	MCL = 5 µg/L
PCE = perchloroethene	solvent	MCL = 5 µg/L
CCI <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	$MCL = 5 \mu g/L$
VC = vinyl chloride	solvent	$MCL = 2 \mu g/L$
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	$HA = 2 \mu g/L$
		GW-1 = 1 µg/L
		10 <sup>-6</sup> = 0.6 μg/L (IAGWSP); = 0.7 μg/L (IRP)
perchlorate	oxidizer	HA = 15 μg/L
		MMCL = 2 µg/L
C5-C8 aliphatic hydrocarbons	fuel-related compound	$GW-1 = 300 \mu g/L$
C9-C10 aromatic hydrocarbons	fuel-related compound	GW-1 = 200 μg/L
C9-C12 aliphatic 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

Issued December 2019

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