

IMACs to GW Standards Summary

Pollutant	CAS #	Original IMAC µg/L	Proposed GW Standard µg/L	Basis for value
Acetic acid	64-19-7	5,000	5,000	Noncancer threshold concentration (literature RfD)
Acetochlor	34256-82-1	100	100	Noncancer threshold concentration (EPA IRIS RfD)
Acetochlor ESA	187022-11-3	1,000	500 (↓)	Noncancer threshold concentration (literature RfD)
Acetochlor OXA	184992-44-4	1,000	500 (↓)	Noncancer threshold concentration (literature RfD)
Acetophenone	98-86-2	700	700	Noncancer threshold concentration (EPA IRIS RfD)
Acrolein	107-02-8	4	4	Noncancer threshold concentration (EPA IRIS RfD)
Alachlor	15972-60-8	0.4	2 (↑)	Federal MCL
Aldrin	309-00-2	0.002	0.002	10 ⁻⁶ cancer risk (EPA IRIS CSF)
Antimony and compounds**	Various	1	1	Noncancer threshold concentration (EPA IRIS RfD)
Benzaldehyde	100-52-7	700		
Benzyl Alcohol	100-51-6	700	700	Noncancer threshold concentration (EPA PPRTV p-RfD)
Beryllium and compounds**	Various	4	4	Federal MCL
Bromomethane (methylene bromide)	74-839-9	10	10	Noncancer threshold concentration (EPA IRIS RfD)
Butanol-n	71-36-3	700	590 (↓)	Aqueous odor threshold (non-health based)
Butanol-sec	78-92-2	10,000	10,000	Noncancer threshold concentration (EPA PPRTV p-RfD)
Carbazole	86-74-8	2	Recommend withdrawal of IMAC (PQL= 10)	
Chlorotoluene, 4-	106-43-4	24	24	Aqueous odor threshold (non-health based)
Cobalt and compounds**	Various	1	1	Noncancer threshold concentration (EPA PPRTV p-RfD)
Dalapon	75-99-0	200	200	Noncancer threshold concentration (EPA IRIS RfD)
Dibenzofuran	132-64-9	28	Recommend withdrawal of IMAC (PQL = 10)	
Dibromobenzene, 1,4-	106-37-06	70	70	Noncancer threshold concentration (EPA IRIS RfD)
Dibromomethane	74-95-3	70		
Dichloroacetic acid	79-43-6	0.7	0.7	10 ⁻⁶ cancer risk (EPA IRIS CSF)
Dichloroethene, 1,2- (cis isomer)	156-59-2	60	14 (↓) 100 (↑)	Noncancer threshold concentration (EPA IRIS RfD)
Dichloroethene, 1,2- (trans isomer)	156-60-5	(for mixture)	Withdraw IMAC for mixture	Federal MCL
2,4-Dichlorophenol	120-83-2	0.98	0.98	Aqueous taste threshold (non-health based)
p,p'-DDE	72-55-9	0.1	0.1	10 ⁻⁶ cancer risk (EPA IRIS CSF)
Dinoseb	88-85-7	7	7	Noncancer threshold concentration (EPA IRIS RfD) Federal MCL
2,4-Dinitrotoluene	121-14-2	0.1	0.05 (↓)	10 ⁻⁶ cancer risk (EPA IRIS CSF) for technical grade mixture

IMACs to GW Standards Summary

2,6 Dinitrotoluene	606-20-2	NONE	0.05	<i>10⁻⁶ cancer risk (EPA IRIS CSF) for technical grade mixture</i>
Diphenyl ether	101-84-8	100	180 (↑)	<i>Aqueous odor threshold (non-health based)</i>
Diquat	85-00-7	20	20	<i>Noncancer threshold concentration (EPA IRIS RfD) Federal MCL</i>
Endosulfan Sulfate	115-29-7	40	40	<i>Noncancer threshold concentration (EPA IRIS RfD)</i>
Endothall	145-73-3	100	100	<i>Noncancer threshold concentration (EPA IRIS RfD)</i>
Ethanol	64-17-5	4000	Requires further discussion	
alpha-Hexachlorocyclohexane	319-84-6	0.006	0.006	<i>10⁻⁶ cancer risk (EPA IRIS CSF)</i>
beta-Hexachlorocyclohexane	319-85-7	0.02	0.02	<i>10⁻⁶ cancer risk (EPA IRIS CSF)</i>
Hexanone, 2-(methyl butyl ketone)	591-78-6	40	40	<i>Noncancer threshold concentration (EPA IRIS RfD)</i>
Isopropyltoluene, 4-	99-87-6	25	25	<i>Aqueous odor threshold (non-health based)</i>
Methyl Isobutyl Ketone	108-10-1	100	100	<i>Noncancer threshold concentration (California EPA corrected RfD)</i>
Methyl methacrylate	80-62-6	25	25	<i>Aqueous odor threshold (non-health based)</i>
Methylnaphthalene, 1-	90-12-0	1	1	<i>10⁻⁶ cancer risk (EPA PPRTV p-CSF)</i>
Methylphenol, 2-	95-48-7	400	400	<i>Noncancer threshold concentration (EPA IRIS RfD)</i>
Perfluorooctane sulfonic acid	1763-23-1	NONE	0.07	<i>EPA Health Advisory Level (noncancer endpoint)</i>
Perfluorooctanoic acid	335-67-1	2	0.07 (↓)	<i>EPA Health Advisory Level (noncancer endpoint)</i>
Picramic acid	96-91-3	0.7	Recommend withdrawal of IMAC (PQL not identified)	
Polychlorinated biphenyls	1336-36-3	0.09		
Propylene Glycol	57-55-6	140,000		
Strontium and compounds**	Various	NONE	2,000	<i>Noncancer threshold concentration (EPA IRIS RfD)</i>
tert-Amyl Methyl Ether	994-05-8	128		
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2		
Tetrachloroethane, 1,1,1,2-	630-20-6	1	1	<i>10⁻⁶ cancer risk (EPA IRIS CSF)</i>
Thallium and compounds**	Various	0.2	2 (↑)	<i>Federal MCL</i>
Tin (Inorganic forms)**	Various	2,000	2,000	<i>Noncancer threshold concentration (HEAST RfD)</i>
Tin (Organic forms)**	Various	NONE	Discussion pending with DWM and DHHS	
p-Toluic acid	99-94-4	35	35	<i>Noncancer threshold concentration (EPA PPRTV p-RfD)</i>
Trichloroethane, 1,1,2-	79-00-5	0.6	0.6	<i>10⁻⁶ cancer risk (EPA IRIS CSF)</i>
Trichlorophenol, 2,4,5-	95-95-4	63	63	<i>Noncancer threshold concentration (EPA IRIS RfD)</i>
Trichlorophenol, 2,4,6-	88-06-2	4	4	<i>10⁻⁶ cancer risk (EPA IRIS CSF)</i>
Vanadium and compounds	Various	0.3	10	<i>Non-cancer threshold(CalEPA)</i>
Vinyl acetate	108-05-4			