

CHEMICAL	CAS <sup>(1)</sup> NUMBER	Analyze for all chemicals in standard list; only analyze for chemicals in non-standard list if DMMP reason-to-believe guidelines require them			Used for freshwater dredged material w/in DMMP area	
		DMMP GUIDELINES			INTERIM FW (2006)	
		SL	BT	ML	SL1	SL2
<b>METALS (mg/kg dry weight)</b>						
Antimony	7440-36-0	150	---	200	---	---
Arsenic	7440-38-2	57	507.1	700	20	51
Cadmium	7440-43-9	5.1	11.3	14	1.1	1.5
Chromium	7440-47-3	260	260	---	95	100
Copper	7440-50-8	390	1,027	1,300	80	830
Lead	7439-92-1	450	975	1,200	340	430
Mercury	7439-97-6	0.41	1.5	2.3	0.28	0.75
Selenium	7782-49-2	---	3	---	---	---
Nickel	7440-02-0	---	---	---	60	70
Silver	7440-22-4	6.1	6.1	8.4	2.0	2.5
Zinc	7440-66-6	410	2,783	3,800	130	400
<b>PAHs (µg/kg dry weight)</b>						
Naphthalene	91-20-3	2,100	---	2,400	500	1,300
Acenaphthylene	208-96-8	560	---	1,300	470	640
Acenaphthene	83-32-9	500	---	2,000	1,100	1,300
Fluorene	86-73-7	540	---	3,600	1,000	3,000
Phenanthrene	85-01-8	1,500	---	21,000	6,100	7,600
Anthracene	120-12-7	960	---	13,000	1,200	1,200
2-Methylnaphthalene <sup>(2)</sup>	91-57-6	670	---	1,900	470	560
<b>Total LPAH</b>	---	<b>5,200</b>	---	<b>29,000</b>	<b>6,600</b>	<b>9,200</b>
Fluoranthene	206-44-0	1,700	4,600	30,000	11,000	15,000
Pyrene	129-00-0	2,600	11,980	16,000	8,800	16,000
Benz(a)anthracene	56-55-3	1,300	---	5,100	4,300	5,800
Chrysene	218-01-9	1,400	---	21,000	5,900	6,400
Benzofluoranthenes (b, j, k)	205-99-2	3,200	---	9,900	600	4000
	205-82-3					
	207-08-9					
Benzo(a)pyrene	50-32-8	1,600	---	3,600	3,300	4,800
Indeno(1,2,3-c,d)pyrene	193-39-5	600	---	4,400	4,100	5,300
Dibenz(a,h)anthracene	53-70-3	230	---	1,900	800	840
Benzo(g,h,i)perylene	191-24-2	670	---	3,200	4,000	5,200
<b>Total HPAH</b>	---	<b>12,000</b>	---	<b>69,000</b>	<b>31,000</b>	<b>55,000</b>
<b>CHLORINATED HYDROCARBONS (µg/kg dry weight)</b>						
1,4-Dichlorobenzene	106-46-7	110	---	120	---	---
1,2-Dichlorobenzene	95-50-1	35	---	110	---	---
1,2,4-Trichlorobenzene	120-82-1	31	---	64	---	---
Hexachlorobenzene (HCB)	118-74-1	22	168	230	---	---
<b>PHTHALATES (µg/kg dry weight)</b>						
Dimethyl phthalate	131-11-3	71	---	1,400	46	440
Diethyl phthalate	84-66-2	200	---	1,200	---	---
Di-n-butyl phthalate	84-74-2	1,400	---	5,100	---	---
Butyl benzyl phthalate	85-68-7	63	---	970	260	370
Bis(2-ethylhexyl) phthalate	117-81-7	1,300	---	8,300	220	320
Di-n-octyl phthalate	117-84-0	6,200	---	6,200	26	45

STANDARD CHEMICALS OF CONCERN

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			DMMP GUIDELINES			INTERIM FW (2006)	
			SL	BT	ML	SL1	SL2
<b>STANDARD CHEMICALS OF CONCERN</b>	<b>PHENOLS (µg/kg dry weight)</b>						
	Phenol	108-95-2	420	---	1,200	---	---
	2-Methylphenol	95-48-7	63	---	77	---	---
	4-Methylphenol	106-44-5	670	---	3,600	---	---
	2,4-Dimethylphenol	105-67-9	29	---	210	---	---
	Pentachlorophenol	87-86-5	400	504	690	---	---
	<b>MISCELLANEOUS EXTRACTABLES (µg/kg dry weight)</b>						
	Benzyl alcohol	100-51-6	57	---	870	---	---
	Benzoic acid	65-85-0	650	---	760	---	---
	Dibenzofuran	132-64-9	540	---	1,700	400	440
	Hexachlorobutadiene	87-68-3	11	---	270	---	---
	N-Nitrosodiphenylamine	86-30-6	28	---	130	---	---
	<b>PESTICIDES &amp; PCBs (µg/kg dry weight)</b>						
	4,4'-DDD	72-54-8	16	---	---	---	---
	4,4'-DDE	72-55-9	9	---	---	---	---
	4,4'-DDT	50-29-3	12	---	---	---	---
	sum of 4,4'-DDD, 4,4'-DDE and 4,4'-DDT		---	50	69	---	---
Aldrin	309-00-2	9.5	---	---	---	---	
Total Chlordane (sum of cis-chlordane, trans-chlordane, cis-nonachlor, trans-nonachlor, oxychlordane)	5103-71-9 5103-74-2 5103-73-1 39765-80-5 27304-13-8	2.8	37	---	---	---	
Dieldrin	60-57-1	1.9	---	1,700	---	---	
Heptachlor	76-44-8	1.5	---	270	---	---	
Total PCBs (Aroclors)	---	130	38 <sup>(3)</sup>	3,100	60	120	
<b>NON-STANDARD COCs<sup>(4)</sup></b>	<b>ORGANOMETALLIC COMPOUNDS</b>						
	Tributyltin ion (interstitial water; ug/L)	56573-85-4	0.15	0.15	---	---	---
	Tributyltin ion (bulk; ug/kg) <sup>(5)</sup>	56573-85-4	73	73	---	75	75
	<b>DIOXINS/FURANS</b>						
	Total TEQ (ppt dry wt)	See DMMP <a href="#">Dioxin page</a>	4 - 10	10	---	---	---
	<b>GUAIACOLS &amp; BUTADIENES</b>						
	Guaiacol (2-methoxyphenol)		No guidelines determined			---	---
Chlorinated guaiacols (3,4,5-trichloroguaiacol; 4,5,6-trichloroguaiacol; tetrachloroguaiacol)		No guidelines determined			---	---	
Tri-, tetra-, and pentachlorobutadienes		No guidelines determined			---	---	

<sup>(1)</sup> Chemical Abstract Service Registry Number

<sup>(2)</sup> 2-Methylnaphthalene is not included in the summation for total LPAH.

<sup>(3)</sup> This value is normalized to total organic carbon, and is expressed in mg/kg carbon.

<sup>(4)</sup> Analyses required only when there is sufficient reason-to-believe for presence in given project or location. See the DMMP Users Manual for more information on when to include these compounds in a characterization.

<sup>(5)</sup> Bulk sediment measurement of TBT is used only when porewater extraction cannot be accomplished.