

Analyte	Klamath Estuary - Sediment - Standard Analytes	
	Sampling Sites	
	Lower CHA-S-001	Upper CHA-S-002
Conventionals (units and methods vary, all dry weights except pH and EC)		
pH (Method 9045)	8.5	8.1
EC (umhos/cm, Method 2510B)	1,400	57
Calcium (mg/kg, Method 6010B)	3,900	3,900
Magnesium (mg/kg, Method 6010B)	19,000	20,000
Ammonia as N (mg/kg, Method 350.1)	2.8	1.1
Total Nitrogen as N (mg/kg, Method 351.2)	350	180
Total Phosphorus as P (mg/kg, Method 4500P Mod)	410	360
Cyanide, WAD (mg/kg, Method 4500CN I)	<0.5	<0.5
Total Solids (mg/kg, Method 2540B)	660,000	700,000
Total Volatile Solids (mg/kg, Method 2540G)	14,000	5,000
TOC (% , Method USGS:N011, T10 USGS:C011, T08)	0.83	0.27
Metals & AVS (mg/kg dry weight, Method 6020 unless otherwise noted)		
Aluminum (Method 6010B)	13,000	13,000
Antimony	<0.30	<0.27
Arsenic	3.2	2.2
Cadmium	<0.15	<0.14
Chromium	96	97
Copper	26	19
Iron (Method 6010B)	24,000	24,000
Lead	4.3	3.0
Mercury (Method 7471A)	<0.060	<0.054
Nickel	110	110
Selenium	0.36	<0.27
Silver (Method 6010B)	<0.75	<0.68
Zinc	43	42
Acid Volatile Sulfides (Method E821/R-91-100)	530	<0.2
Organics		
SVOCs: PAHs (ug/kg dry weight, Method 8270D)		
Acenaphthene	<230	<230
Acenaphthylene	<230	<230
Anthracene	<230	<230
Benzo(a)anthracene	<230	<230
Benzo(a)pyrene	<230	<230
Benzo(b)fluoranthene	<230	<230
Benzo(g,h,i)perylene	<230	<230
Benzo(k)fluoranthene	<230	<230
4-Bromophenyl phenyl ether	<230	<230
Chrysene	<230	<230
Dibenzo(a,h)anthracene	<230	<230
Fluoranthene	<230	<230
Fluorene	<230	<230
Indeno(1,2,3-cd)pyrene	<230	<230
2-Methyl naphthalene	<230	<230
Naphthalene (Method 8260C)	<6.8	<7.0
Phenanthrene	<230	<230
Pyrene	<230	<230
Organics		
PCBs (ug/g dry weight, Method 8082 unless otherwise noted)		
Aroclor 1016	<0.046	<0.046
Aroclor 1221	<0.091	<0.093
Aroclor 1232	<0.046	<0.046
Aroclor 1242	<0.046	<0.046
Aroclor 1248	<0.046	<0.046
Aroclor 1254	<0.046	<0.046
Aroclor 1260	<0.046	<0.046
Aroclor 1268	<0.046	<0.046
Total PCBs (pg/g) (Method 1668B)	520 H	450 H
Organics		
Pesticides/Herbicides: Organochlorine Pesticides (ug/kg dry weight, Method 8081A unless otherwise noted)		
Aldrin	<0.91	<0.93
Chlordane (Technical)	<4.6	<4.6
Chlordane-Alpha	<0.91	<0.93
Chlordane-Gamma	<0.91	<0.93
4,4'-DDT	<0.91	<0.93
4,4'-DDD	<0.91	<0.93
4,4'-DDE	<0.91 V	<0.93
2,4'-DDT (ENV by GC-MS Specialty)	<14	<14
2,4'-DDD (ENV by GC-MS Specialty)	<4.5	<4.6
2,4'-DDE (ENV by GC-MS Specialty)	<4.5	<4.6
Dieldrin	<0.91 V	<0.93
Endosulfan I	<0.91	<0.93
Endosulfan II	<0.91	<0.93
Endosulfan Sulfate	<0.91	<0.93
Endrin	<0.91	<0.93
Endrin Aldehyde	<0.91	<0.93
Endrin Ketone	<0.91	<0.93
Heptachlor	<0.91	<0.93
Heptachlor Epoxide	<0.91	<0.93
HCH - Alpha	<0.91	<0.93
HCH - Beta	<0.91	<0.93
HCH - Delta	1.1	<0.93
HCH - Gamma	<0.91	<0.93
Methoxychlor	24 V	<0.93
Toxaphene	<46	<46

Qualifiers:

- V: result may vary excessively from the true value - : no data
H: result may have a high bias < : not detected at reporting limit shown
L: result may have a low bias
T: result obtained past the holding time
U: result determined to be an outlier at the time of data validation
J: result is between the reporting limit and lowest calibration level

Preliminary Data - Subject to Revision