Tool/test species	Method	Duration	
	ed bedded-sediment freshwater		
	Acute tests	V	
Hyalella azteca (amphipod)	ASTM 2005, 2008; USEPA	10-14	Survival
	2000c	day	
Chironomus spp. (midge)	ASTM 2005, 2008; USEPA	10 day	Survival, growth
	2000c		
Lumbriculus variegatus (oligochaete)	ASTM 2007b, USEPA 2000c	10 day	Survival
Hexagenia limbata (mayfly larvae)	ASTM 2005, 2008	10 day	Survival
	Chronic tests	1	1
Hyalella azteca (amphipod)	ASTM 2005, 2008; USEPA	28-42	Survival, growth, reproduction
	2000c	day	
Chironomus spp. (midge)	ASTM 2005, 2008; USEPA 2000c	20 day	Survival, growth
Chironomus spp. (midge)	ASTM 2005, 2008; USEPA 2000c	30 day	Life cycle
Hexagenia spp. (mayfly)	ASTM 2007b, USEPA 2000c	21 day	Survival, growth
Tubifex tubifex (tubificid	ASTM 2007b	28 day	Survival, growth, reproduction
oligochaete)			
Tool/test species	Method	Duration	Measurement endpoints
Rana pipiens (frog)	ASTM 2007a	28 day	Survival, growth, reproduction
Xenopus (frog)	ASTM 2007a	28 day	Survival, growth, reproduction
Amphibian larvae	NAVFAC 2004	10 day	Survival, growth, reproduction
	Bioaccumulation tests	1	1
Diporeia spp. (amphipod)	ASTM 2007a	28 day	Survival, bioaccumulation
Lumbriculus variegatus (oligochaete)		28 day	Bioaccumulation
	reshwater pore-water and elutr	-	
Daphnia magna	Pore water-ASTM 2001a	48 hour	Survival
Ceriodaphnia dubia	Pore water-ASTM 2001c	7 day	Survival, reproduction
<i>Pimephales promelas</i> (fathead minnow)	Pore water–ASTM 2001b	7 day	Survival, growth
Selenastrum capricorntum (algae)	Elutriate–Weber et al. 1989	96 hour	Survival, reproduction
Ceriodaphnia dubia	Elutriate–Weber et al. 1989	7 day	Survival, growth
<i>Pimephales promelas</i> (fathead minnow)	Elutriate–Weber et al. 1989	7 day	Survival, growth
Salmo spp. (salmonid)	Elutriate-Weber et al. 1989	96 hour	
Selec	cted bedded-sediment marine to	oxicity tests	
	Acute tests	<u>.</u>	
Ampelisca abdita (amphipod)	ASTM 2007b, 2008; USEPA 1994c	10 day	Survival
<i>Eohaustorius estuarius</i> (amphipod)	ASTM 2007b, 2008	10 day	Survival
Rhepoxynius abronius (amphipod)	ASTM 2007b, 2008; USEPA 1994c	10 day	Survival, reburial
<i>Grandidierella japonica</i> (amphipod)	ASTM 2007b, 2008	10 day	Survival
Leptocheirus plumulosus (amphipod)	ASTM 2007b, 2008; USEPA 2001b	10 day	Survival
Corophium spp. (amphipod)	ASTM 2007b, 2008	10 day	Survival
Neanthes arenaceodentata (polychaete)	ASTM 2007b, 2008	10 day	Survival

Appendix C-T3. Freshwater sediment toxicity testing and pore-water and elutriate tests

Chronic tests					
Neanthes arenaceodentata	ASTM 2007b	28 day	Survival, growth		
Armandia brevis		28 day	Survival, growth		
<i>Leptocheirus plumulosus</i> (amphipod)	ASTM 2008, USEPA 2001b	28 day	Survival, growth, reproduction		
Bivalve larvae (oyster, larvae)		48 hour	Larval development		
Echinoderm (sea urchin, sand dollar)					
Bioaccumulation tests					
Macoma spp. (clam)	USEPA 1998b	28 day	Survival, bioaccumulation		
Neanthes (Nereis) spp. (polychaete)	ASTM 2007a, 2007b	28 day	Bioaccumulation		