Table 1
Sediment Results Compared to DMMP Criteria from Kenmore Navigation Channel and North Lake Marina

				Location ID	SG-02	SG-03	SG-04	SG-05	SG-06	SG-07	SG-07	SG-08	SG-09
				Location	North Lake Marina		Kenmore Navigation Channel						
				Sample ID	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108	SG-07-S-C-121108	SG-07-S-C-DUP-121108	SG-08-S-C-121108	SG-09-S-C-121108
				Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
				Sample Interval	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm
	DMMP SL	DMMP BT	DMMP ML										
Conventional Parameters (pct)													
Total organic carbon	--	--	--	**7.12**	**6.60**	**2.73**	**5.43**	**4.89**	**4.95**	**7.07**	**3.30**	**5.22**
Total solids	--	--	--	**25.7**	**25.6**	**80.8**	**35.0**	**29.9**	**33.7**	**34.3**	**42.0**	**35.7**
Total volatile solids	--	--	--	**13.51**	**15.15**	**1.72**	**11.13**	**13.89**	**13.40**	**14.11**	**9.10**	**10.58**
Gravel	--	--	--	**0.4**	**11.8**	**71.4**	**3.1**	0.1 U	**0.5**	**2.6**	**0.3**	**0.1**
Sand, Very Coarse	--	--	--	**6.5**	**9.2**	**7.6**	**2.9**	**7.4**	**2.7**	**2.7**	**1.5**	**2.1**
Sand, Coarse	--	--	--	**5.5**	**7.2**	**6.9**	**5.3**	**6.6**	**3.1**	**2.8**	**1.5**	**1.7**
Sand, Medium	--	--	--	**5.5**	**7.2**	**7.6**	**11.1**	**6.2**	**6.3**	**6.0**	**3.9**	**6.9**
Sand, Fine	--	--	--	**7.2**	**7.8**	**2.9**	**14.3**	**8.6**	**24.4**	**21.9**	**22.2**	**15.9**
Sand, Very Fine	--	--	--	**9.1**	**10.1**	**1.0**	**15.2**	**15.9**	**18.9**	**18.6**	**21.2**	**13.4**
Fines (silt + clay)	--	--	--	**65.8**	**46.7**	**2.5**	**48.1**	**55.2**	**44.1**	**45.4**	**49.3**	**59.7**
Silt, Coarse	--	--	--	**10**	**13.1**	**--**	**7.7**	**8.6**	**11**	**13.7**	**13.0**	**19.7**
Silt, Medium	--	--	--	**19.3**	**8.4**	**--**	**16**	**15.5**	**12.1**	**11.0**	**13.7**	**12.9**
Silt, Fine	--	--	--	**15.2**	**10.9**	**--**	**9.9**	**12.1**	**7.9**	**7.6**	**8.4**	**10.9**
Silt, Very Fine	--	--	--	**11.1**	**7.0**	**--**	**7.1**	**7.8**	**5.9**	**6.1**	**6.3**	**7.6**
Clay, Coarse	--	--	--	**5.6**	**4.5**	**--**	**4.3**	**6.3**	**3.8**	**3.9**	**3.9**	**4.7**
Clay, Medium	--	--	--	**3.2**	**1.8**	**--**	**1.9**	**3.2**	**2.5**	**2.1**	**2.6**	**2.6**
Clay, Fine	--	--	--	**1.4**	**1.1**	**--**	**1.3**	**1.6**	**0.9**	**0.9**	**1.4**	**1.3**
Metals (mg/kg)													
Antimony	150	--	200	20 U	20 U	6 U	10 U	20 U	10 U	10 U	10 U	10 U
Arsenic	57	507.1	700	20 U	20 U	6 U	10 U	20 U	10 U	10 U	10 U	10 U
Cadmium	5.1	11.3	14	**1.3**	**1.2**	**0.3**	**0.7**	**0.8**	**0.6**	**0.6**	**0.6**	**0.6**
Chromium	260	260	--	**56**	**55**	**35**	**43**	**57**	**41**	**44**	**44**	**48**
Copper	390	1027	1300	**92.4**	**88.1**	**14.6**	**35.6**	**43.6**	**30**	**28.7**	**28**	**31.1**
Lead	450	975	1200	**62**	**42**	**5**	**28**	**31**	**21**	**21**	**21**	**24**
Mercury	0.41	1.5	2.3	**0.18**	**0.1**	0.02 U	**0.08**	**0.1**	**0.11**	**0.08**	**0.07**	**0.08**
Nickel	--	--	--	**48**	**45**	**30**	**39**	**46**	**41**	**42**	**40**	**43**
Selenium	--	3	--	2 U	2 U	0.6 U	1 U	2 U	1 U	1 U	1 U	1 U
Silver	6.1	6.1	8.4	1 U	1 U	0.4 U	0.9 U	1 U	0.9 U	0.8 U	0.7 U	0.9 U
Zinc	410	2783	3800	**231**	**267**	**49**	**143**	**164**	**126**	**123**	**113**	**130**
Organometallic Compounds (porewater) (µg/L)													
Tributyltin (ion)	0.15	0.15	--	**0.67**	**0.058**	**0.049**	**0.0080**	**0.023**	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Polycyclic Aromatic Hydrocarbons (µg/kg)													
1-Methylnaphthalene	--	--	--	**21**	**9.8 J**	20 U	**13 J**	20 U	20 U	19 U	**9.6 J**	20 U
2-Methylnaphthalene	670	--	1900	**31**	**25**	20 U	**26**	**14 J**	20 U	19 U	19 U	20 U
Acenaphthene	500	--	2000	**320**	**33**	**14 J**	**26**	**17 J**	20 U	19 U	19 U	20 U
Acenaphthylene	560	--	1300	**22**	**16 J**	20 U	20 U	20 U	20 U	19 U	19 U	20 U
Anthracene	960	--	13000	**66**	**68**	**26**	**39**	**28**	**18 J**	19 U	19 U	20 U
Benzo(a)anthracene	1300	--	5100	**210**	**190**	**81**	**110**	**110**	**110**	**52**	**42**	**40**
Benzo(a)pyrene	1600	--	3600	**190**	**160**	**62**	**76**	**120**	**63**	**55**	**50**	**45**
Benzo(g,h,i)perylene	670	--	3200	**170**	**130**	**43**	**63**	**93**	**36**	**41**	**41**	**36**
Chrysene	1400	--	21000	**440**	**340**	**110**	**190**	**190**	**140**	**82**	**73**	**72**
Dibenzo(a,h)anthracene	230	--	1900	**67**	**55**	**15 J**	**21**	**37**	**17 J**	**12 J**	**11 J**	**13 J**
Fluoranthene	1700	4600	30000	**480**	**410**	**220**	**310**	**290**	**150**	**140**	**130**	**120**
Fluorene	540	--	3600	**98**	**46**	**14 J**	**37**	**28**	**12 J**	**9.7 J**	19 U	20 U
Indeno(1,2,3-c,d)pyrene	600	--	4400	**140**	**110**	**39**	**51**	**81**	**33**	**38**	**36**	**33**
Naphthalene	2100	--	2400	**83**	**58**	20 U	**50**	**38**	**18 J**	**25**	**14 J**	**24**
Phenanthrene	1500	--	21000	**170**	**190**	**140**	**180**	**140**	**72**	**68**	**64**	**59**
Pyrene	2600	11980	16000	**590**	**440**	**190**	**300**	**290**	**140**	**130**	**120**	**120**

Table 1
Sediment Results Compared to DMMP Criteria from Kenmore Navigation Channel and North Lake Marina

			Location ID	SG-02	SG-03	SG-04	SG-05	SG-06	SG-07	SG-07	SG-08	SG-09
			Location	North Lake Marina		Kenmore Navigation Channel						
			Sample ID	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108	SG-07-S-C-121108	SG-07-S-C-DUP-121108	SG-08-S-C-121108	SG-09-S-C-121108
			Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
			Sample Interval	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm
	DMMP SL	DMMP BT	DMMP ML									
Total Benzofluoranthenes (b,j,k) (U = 0)	3200	--	9900	**530**	**420**	**140**	**220**	**300**	**170**	**140**	**120**	**120**
Total HPAH (DMMP) (U = 0)	12000	--	69000	**2817**	**2255**	**900 J**	**1341**	**1511**	**859 J**	**690 J**	**623 J**	**599 J**
Total LPAH (DMMP) (U = 0)	5200	--	29000	**759**	**411 J**	**194 J**	**332**	**251 J**	**120 J**	**103 J**	**78 J**	**83**
Chlorinated Hydrocarbons (µg/kg)												
1,2,4-Trichlorobenzene	31	--	64	19 U	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U
1,2-Dichlorobenzene	35	--	110	19 U	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U
1,3-Dichlorobenzene	--	--	--	19 U	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U
1,4-Dichlorobenzene	110	--	120	19 U	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U
Hexachlorobenzene	22	168	230	4.9 U	4.9 U	4.9 U	5.0 U	4.8 U	4.9 U	4.8 U	4.8 U	4.8 U
Hexachloroethane	--	--	--	19 U	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U
Phthalates (µg/kg)												
Bis(2-ethylhexyl)phthalate	1300	--	8300	**680**	**510**	62 U	**260**	**540**	**330**	**300**	**240**	**240**
Butylbenzyl phthalate	63	--	970	**32**	**32**	20 U	20 U	**57**	**28**	19 U	**36**	**29**
Diethyl phthalate	200	--	1200	49 U	**38 J**	49 U	49 U	**58**	49 U	48 U	48 U	49 U
Dimethyl phthalate	71	--	1400	**28**	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U
Di-n-butyl phthalate	1400	--	5100	19 U	**9.8 J**	20 U	20 U	20 U	20 U	**12 J**	19 U	20 U
Di-n-octyl phthalate	6200	--	6200	19 U	**58 J**	20 U	**22 J**	**41 J**	**22 J**	19 U	19 U	20 U
Phenols (µg/kg)												
2,4-Dimethylphenol	29	--	210	19 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	19 UJ	19 UJ	20 UJ
2-Methylphenol (o-Cresol)	63	--	77	19 U	20 U	20 UJ	20 U	20 U	20 U	19 U	19 U	20 U
4-Methylphenol (p-Cresol)	670	--	3600	**74**	**76**	39 U	**74**	**91**	**54**	**31 J**	**22 J**	**36 J**
Pentachlorophenol	400	504	690	190 U	200 U	200 U	200 U	200 U	200 U	190 U	190 U	200 U
Phenol	420	--	1200	19 U	**110**	20 U	**180**	**80**	**42**	**42**	**19**	**39**
Miscellaneous Extractables (µg/kg)												
Benzoic acid	650	--	760	**960**	**1300**	390 U	**1300**	**1100**	**430**	**480**	**300 J**	**510**
Benzyl alcohol	57	--	870	**82**	**130**	20 U	**160**	**190**	**120**	**100**	**61**	**110**
Dibenzofuran	540	--	1700	**30**	**35**	20 U	**28**	20 U	20 U	19 U	19 U	20 U
N-Nitrosodiphenylamine	28	--	130	19 U	20 U	20 U	20 U	20 U	20 U	19 U	19 U	20 U
Pesticides (µg/kg)												
4,4'-DDD (p,p'-DDD)	16	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U
4,4'-DDE (p,p'-DDE)	9	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U
4,4'-DDT (p,p'-DDT)	12	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U
Aldrin	9.5	--	--	0.64 U	0.64 U	0.64 U	0.65 U	0.63 U	0.64 U	0.63 U	0.63 U	0.63 U
Chlordane, alpha- (cis-Chlordane)	--	--	--	0.83 U	0.83 U	0.83 U	0.84 U	0.82 U	0.83 U	0.81 U	0.81 U	0.81 U
Chlordane, beta- (trans-Chlordane)	--	--	--	0.78 U	0.78 U	0.77 U	0.79 U	0.77 U	0.78 U	0.76 U	0.76 U	0.76 U
Dieldrin	1.9	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U
Heptachlor	1.5	--	--	0.64 U	0.64 U	0.64 U	0.65 U	0.63 U	0.64 U	0.63 U	0.63 UJ	0.63 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	11	--	270	4.9 U	4.9 U	4.9 U	5.0 U	4.8 U	4.9 U	4.8 U	4.8 U	4.8 U
Nonachlor, cis-	--	--	--	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Nonachlor, trans-	--	--	--	4.7 U	4.7 U	4.7 U	4.8 U	4.7 U	4.7 U	4.6 U	4.6 U	4.6 U
Oxychlordane	--	--	--	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.2 U	2.2 U	2.2 U
Sum 4,4' DDT, DDE, DDD (U = 0)	--	50	69	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U
Total DMMP Chlordane (U = 0)	2.8	37	--	4.7 U	4.7 U	4.7 U	4.8 U	4.7 U	4.7 U	4.6 U	4.6 U	4.6 U
PCB Aroclors (µg/kg)												
Aroclor 1016	--	--	--	19 U	19 U	20 U	19 U	19 U	19 U	19 U	18 U	20 U
Aroclor 1221	--	--	--	19 U	19 U	20 U	19 U	19 U	19 U	19 U	18 U	20 U
Aroclor 1232	--	--	--	19 U	19 U	20 U	29 U	19 U	19 U	19 U	18 U	20 U
Aroclor 1242	--	--	--	19 U	19 U	20 U	19 U	19 U	19 U	19 U	18 U	20 U
Aroclor 1248	--	--	--	58 U	38 U	20 U	19 U	19 U	19 U	19 U	18 U	20 U

Table 1
Sediment Results Compared to DMMP Criteria from Kenmore Navigation Channel and North Lake Marina

				Location ID	SG-02	SG-03	SG-04	SG-05	SG-06	SG-07	SG-07	SG-08	SG-09
				Location	North Lake Marina		Kenmore Navigation Channel						
				Sample ID	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108	SG-07-S-C-121108	SG-07-S-C-DUP-121108	SG-08-S-C-121108	SG-09-S-C-121108
				Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
				Sample Interval	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm
	DMMP SL	DMMP BT	DMMP ML										
Aroclor 1254	--	--	--		**88**	48 U	20 U	29 U	28 U	19 U	**22**	18 U	20 U
Aroclor 1260	--	--	--		**33**	**22**	20 U	19 U	19 U	19 U	19 U	18 U	20 U
Total DMMP PCB Aroclors (U = 0)	130	--	3100		**121**	**22**	20 U	29 U	28 U	19 U	**22**	18 U	20 U
PCB Aroclors (mg/kg-OC)													
Total DMMP PCB Aroclors (U = 0)	--	38	--		**1.70**	**0.33**	0.73 U	0.53 U	0.57 U	0.38 U	**0.31**	0.55 U	0.38 U
Dioxin Furans (ng/kg)													
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	--		**0.975 J**	**0.599 J**	**0.15 J**	**0.322 J**	**0.478 J**	**0.306 J**	**0.341 J**	**0.293 J**	**0.372 J**
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	--		**7.83**	**3.75**	**0.381 J**	**1.33**	**1.58**	**1.18**	**1.03**	**0.870 J**	**1.24**
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	--		**14.5**	**6.97**	**0.491 J**	**2.18**	**2.65**	**1.42 J**	**1.38 J**	**1.36 J**	**1.71 J**
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	--		**53.1**	**28.0**	**1.62 J**	**8.58**	**9.51**	**4.38**	**4.21**	**3.85**	**5.03**
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	--		**29.5**	**14.5**	**0.897 J**	**4.84**	**5.68**	**2.85**	**2.95**	**2.99**	**3.54**
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	--	--	--		**1020**	**610**	**40.5**	**184**	**237**	**85.5**	**82.7**	**88.5**	**103**
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	--	--	--		**7420**	**4760**	**307**	**1540**	**2520**	**652**	**613**	**684**	**798**
Total Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	--		**14.9 J**	**9.77 J**	**1.13 J**	**4.22 J**	**4.89 J**	**4.25 J**	**3.82 J**	**3.33 J**	**4.12 J**
Total Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	--		**43.9**	**26.5**	**2.51 J**	**9.38 J**	**9.24 J**	**8.33 J**	**7.29 J**	**6.12 J**	**7.92 J**
Total Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	--		**334**	**206**	**16.1**	**60.4**	**70.1**	**31.4 J**	**30.2 J**	**27.2 J**	**35.0 J**
Total Heptachlorodibenzo-p-dioxin (HpCDD)	--	--	--		**2260**	**1620**	**134**	**473**	**803**	**167**	**155**	**160**	**191**
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	--	--	--		**3.37**	**2.13**	**0.173 J**	**0.841 J**	**0.967 J**	**0.643 J**	**0.579 J**	**0.553 J**	**0.784 J**
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	--		**3.04**	**1.71 J**	**0.164 J**	**0.684 J**	**0.746 J**	**0.442 J**	**0.466 J**	**0.409 J**	**0.577 J**
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	--		**3.27**	**1.86**	**0.128 J**	**0.785 J**	**0.826 J**	**0.452 J**	**0.556 J**	**0.540 J**	**0.573 J**
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	--		**8.04**	**4.83**	**0.289 J**	**1.74 J**	**1.90 J**	**1.20 J**	**1.05 J**	**1.30 J**	**1.43 J**
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	--		**8.28**	**4.02**	**0.261 J**	**1.45 J**	**1.64 J**	**0.989 J**	**0.958 J**	**0.964 J**	**1.23 J**
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	--	--	--		**3.12**	**1.8 J**	**0.185 J**	**0.751 J**	**0.846 J**	**0.386 J**	**0.411 J**	**0.366 J**	**0.497 J**
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	--		**11.7**	**6.21**	**0.361 J**	**2.14**	**2.55**	**1.40 J**	**1.34 J**	**1.37 J**	**1.74 J**
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	--	--	--		**137**	**84.1**	**4.39**	**25.4**	**31.3**	**14.6**	**14.6**	**18.7**	**17.7**
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	--	--	--		**7.34**	**4.63**	**0.315 J**	**1.63 J**	**1.98 J**	**1.06 J**	**1.14 J**	**1.83 J**	**1.33 J**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	--	--	--		**366**	**272**	**10.8**	**71.9**	**108**	**40.9**	**39.5**	**66.0**	**46.6**
Total Tetrachlorodibenzofuran (TCDF)	--	--	--		**55.5 J**	**32.2 J**	**2.12 J**	**13.8 J**	**15.5 J**	**11.1 J**	**10.3 J**	**9.21 J**	**12.2 J**
Total Pentachlorodibenzofuran (PeCDF)	--	--	--		**119**	**59.4 J**	**3.51 J**	**22.5 J**	**24.5 J**	**14.8 J**	**14.2 J**	**12.8 J**	**17.1 J**
Total Hexachlorodibenzofuran (HxCDF)	--	--	--		**240**	**136 J**	**7.38 J**	**45.2**	**51.1 J**	**25.8 J**	**25.6**	**25.7 J**	**30.6 J**
Total Heptachlorodibenzofuran (HpCDF)	--	--	--		**404**	**273**	**13.1 J**	**79.2**	**104**	**43.8**	**43.3**	**57.2 J**	**52.8 J**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2)	4	--	--		**37.0 J**	**20.3 J**	**1.5 J**	**6.8 J**	**8.4 J**	**4.2 J**	**4.0 J**	**3.9 J**	**4.9 J**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 0)	4	--	--		**37.0 J**	**20.3 J**	**1.5 J**	**6.8 J**	**8.4 J**	**4.2 J**	**4.0 J**	**3.9 J**	**4.9 J**

Notes:
Detected concentration is greater than DMMP Marine SL (screening level)
Detected concentration is greater than DMMP Marine BT (bioaccumulation trigger)
Detected concentration is greater than DMMP Marine ML (maximum level)
Bold = Detected result
-- = results not reported or not applicable

FD = field duplicate
J = estimated value
mg/kg = milligrams per kilogram
mg/kg-OC = milligrams per kilogram, organic carbon normalized
N = normal field sample
ng/kg = nanograms per kilogram
µg/kg = micrograms per kilogram
µg/L = micrograms per liter

Table 1
Sediment Results Compared to DMMP Criteria from Kenmore Navigation Channel and North Lake Marina

				Location ID	SG-02	SG-03	SG-04	SG-05	SG-06	SG-07	SG-07	SG-08	SG-09
				Location	North Lake Marina		Kenmore Navigation Channel						
				Sample ID	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108	SG-07-S-C-121108	SG-07-S-C-DUP-121108	SG-08-S-C-121108	SG-09-S-C-121108
				Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
				Sample Interval	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm
	DMMP SL	DMMP BT	DMMP ML										

pct = percent
U = compound analyzed, but not detected above detection limit
UJ = compound analyzed, but not detected above estimated detection limit

All non-detect pesticides and dioxin/furan data were reported at the **method detection limit**; all other non-detect data were reported at the **reporting limit**. Non-detect exceedances are not highlighted.
Totals are calculated as the sum of all detected results (U=0). If all results are not detected, the highest reporting limit value is reported as the sum.
Totals are calculated as the sum of all detected results and 1/2 the undetected reporting limit (U=1/2). If all results are not detected, the highest reporting limit value is reported as the sum.
Total LPAH (Low PAH) are the total of Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, and Anthracene. 2-Methylnapthalene is not included in the sum of LPAHs.
Total HPAH (High PAH) are the total of Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzofluoranthenes, Benzo(a)pyrene, Indeno(1,2,3-c,d)pyrene, Dibenzo(a,h)anthracene, and Benzo(g,h,i)perylene.
Sum 4,4' DDT, DDE, DDD consists of the sum of 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT.
Total Chlordane includes alpha-chlordane (cis-chlordane), beta-chlordane (trans-chlordane), cis-nonaclor, trans-nonaclor, and oxychlordane.
Total DMMP PCB Aroclors is the total of all PCB Aroclors listed in this table.
Dioxin/Furan Toxicity Equivalency (TEQ) values as of 2005, World Health Organization.
USEPA Stage 2A validation was performed by Anchor QEA on all compounds, except dioxin/furans.
USEPA Stage 4 validation was performed by LDC on dioxin/furans.

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

		Location ID	HT-01	HT-02	HT-03	HT-04	HT-05	HT-06	HT-07	HT-08	HT-09
		Location	Log Boom Park Shoreline					Tributary 0056		Motor Boat Launch	
		Sample ID	HT-01-S-C-121106	HT-02-S-C-121106	HT-03-S-C-121106	HT-04-S-C-121106	HT-05-S-C-121106	HT-06-S-E-121106	HT-07-S-E-121106	HT-08-S-C-121106	HT-09-S-C-121106
		Sample Date	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012
		Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2									
Conventional Parameters (pct)											
Total organic carbon	--	--	**0.240**	**0.484**	**0.77**	**6.20**	**0.531**	**1.25**	**1.72**	**3.08**	**2.13**
Total solids	--	--	**77.3**	**78.8**	**65.7**	**50.9**	**80.4**	**74.8**	**80.5**	**77.2**	**67.5**
Total volatile solids	--	--	**0.67**	**1.46**	**7.06**	**19.69**	**2.05**	**1.54**	**1.72**	**1.49**	**2.57**
Gravel	--	--	**12.1**	**29.8**	**5.6**	**0.4**	**62.9**	**8.3**	**41.1**	**38**	**19.1**
Sand, Very Coarse	--	--	**3.5**	**1.6**	**1.6**	**0.5**	**8.6**	**2.5**	**10.4**	**2.2**	**2.0**
Sand, Coarse	--	--	**6.3**	**2.4**	**2.0**	**0.8**	**8.1**	**6.9**	**12.7**	**1.8**	**1.9**
Sand, Medium	--	--	**23.8**	**11.3**	**13**	**4.3**	**12.7**	**35.8**	**18.4**	**20.5**	**15.2**
Sand, Fine	--	--	**45.2**	**35.2**	**22.6**	**26.2**	**4.8**	**32.2**	**11.1**	**28.5**	**37.3**
Sand, Very Fine	--	--	**6.1**	**17.7**	**48.7**	**54.2**	**0.9**	**8.3**	**3.6**	**5.8**	**13.6**
Fines (silt + clay)	--	--	**3.0**	**2.0**	**6.3**	**13.6**	**2.0**	**6.1**	**2.7**	**3.2**	**10.8**
Silt, Coarse	--	--	3.0 U	2.0 U	**6.3**	**13.6**	2.0 U	**3.7**	2.7 U	3.2 U	**6.0**
Silt, Medium	--	--	3.0 U	2.0 U	0.1 U	0.1 U	2.0 U	**0.7**	2.7 U	3.2 U	**1.3**
Silt, Fine	--	--	3.0 U	2.0 U	0.1 U	0.1 U	2.0 U	**0.6**	2.7 U	3.2 U	**1.1**
Silt, Very Fine	--	--	3.0 U	2.0 U	0.1 U	0.1 U	2.0 U	**0.4**	2.7 U	3.2 U	**1.1**
Clay, Coarse	--	--	3.0 U	2.0 U	0.1 U	0.1 U	2.0 U	**0.4**	2.7 U	3.2 U	**0.6**
Clay, Medium	--	--	3.0 U	2.0 U	0.1 U	0.1 U	2.0 U	**0.2**	2.7 U	3.2 U	**0.5**
Clay, Fine	--	--	3.0 U	2.0 U	0.1 U	0.1 U	2.0 U	**0.1**	2.7 U	3.2 U	**0.3**
Metals (mg/kg)											
Antimony	--	--	6 UJ	6 UJ	7 UJ	10 UJ	6 UJ	7 UJ	6 UJ	6 UJ	7 UJ
Arsenic	20	51	6 U	6 U	7 U	10 U	6 U	7 U	6 U	6 U	7 U
Cadmium	1.1	1.5	0.2 U	0.3 U	**0.3**	**0.5**	**0.4**	**0.3**	**0.3**	**0.3**	**0.4**
Chromium	95	100	**17.8 J**	**23.3 J**	**23 J**	**27 J**	**20.3 J**	**25.5 J**	**30.1 J**	**29.6 J**	**28.8 J**
Copper	80	830	**4.3**	**5.6**	**7.6**	**15.2**	**220**	**9.9**	**11.4**	**38.2**	**21.9**
Lead	340	430	**4**	**4**	**10**	**16**	**3**	**6**	**10**	**7**	**11**
Mercury	0.28	0.75	0.03 U	0.02 U	0.03 U	**0.23**	0.02 U	0.02 U	0.03 U	0.02 U	0.03 U
Nickel	60	70	**20**	**24**	**25**	**27**	**36**	**30**	**34**	**28**	**26**
Selenium	--	--	0.6 U	0.6 U	0.7 U	1 U	0.6 U	0.6 U	0.6 U	0.6 U	0.7 U
Silver	2.0	2.5	0.4 U	0.4 U	0.4 U	0.6 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Zinc	130	400	**34**	**41**	**58**	**117**	**69**	**53**	**90**	**54**	**64**
Organometallic Compounds											
Tributyltin (porewater) µg/L	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Tributyltin (bulk) µg/kg	--	--	**--**	**--**	**--**	**--**	**--**	3.4 U	3.7 U	**--**	**--**
Polycyclic Aromatic Hydrocarbons (µg/kg)											
1-Methylnaphthalene	--	--	4.6 U	**2.5 J**	**27**	**83**	4.6 U	4.7 U	**4.4 J**	4.6 U	**3.0 J**
2-Methylnaphthalene	470	560	4.6 U	**4.0 J**	**51**	**190**	4.6 U	**6.1**	**6.7**	**3.5 J**	**5.8**
Acenaphthene	1100	1300	4.6 U	**3.1 J**	**55**	**120**	4.6 U	**3.4 J**	4.9 U	4.6 U	4.8 U
Acenaphthylene	470	640	4.6 U	4.9 U	**3.4 J**	**20**	4.6 U	4.7 U	4.9 U	4.6 U	4.8 U
Anthracene	1200	1600	4.6 U	**4.6 J**	**54**	**190**	**3.8 J**	**7.8**	4.9 U	4.6 U	**3.7 J**
Benzo(a)anthracene	4300	5800	4.6 U	**6.0**	**75**	**330**	**10**	**38**	**18 J**	**9.6**	**24**

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	HT-01	HT-02	HT-03	HT-04	HT-05	HT-06	HT-07	HT-08	HT-09
			Location	Log Boom Park Shoreline					Tributary 0056		Motor Boat Launch	
			Sample ID	HT-01-S-C-121106	HT-02-S-C-121106	HT-03-S-C-121106	HT-04-S-C-121106	HT-05-S-C-121106	HT-06-S-E-121106	HT-07-S-E-121106	HT-08-S-C-121106	HT-09-S-C-121106
			Sample Date	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2										
Benzo(a)pyrene	3300	4800	4.6 U	**3.3 J**	**57**	**210**	**5.7**	**42**	**24**	**10**	**25**
Benzo(g,h,i)perylene	4000	5200	4.6 U	4.9 U	**34**	**74**	**3.2 J**	**21**	**26**	**6.9**	**24**
Chrysene	5900	6400	4.6 U	**8.0**	**110**	**480**	**18**	**50**	**29**	**15**	**35**
Dibenzo(a,h)anthracene	800	840	4.6 U	4.9 U	**7.0**	**23**	4.6 U	**5.8**	4.9 U	4.6 U	**3.8 J**
Fluoranthene	11000	15000	**4.3 J**	**24**	**260**	**1100**	**22**	**100**	**50**	**28**	**63**
Fluorene	1000	3000	4.6 U	**5.8**	**72**	**230**	**2.4 J**	**6.1**	4.9 U	**3.2 J**	**4.2 J**
Indeno(1,2,3-c,d)pyrene	4100	5300	4.6 U	4.9 U	**25**	**69**	4.6 U	**19**	**20**	**5.7**	**19**
Naphthalene	500	1300	4.6 U	**6.8**	**97**	**380**	**2.6 J**	**5.8**	**2.8 J**	**3.3 J**	**4.2 J**
Phenanthrene	6100	7600	**3.1 J**	**20**	**260**	**860**	**8.0**	**51**	**20**	**11**	**48**
Pyrene	8800	16000	**3.0 J**	**19**	**170**	**740**	**18**	**85**	**39**	**26**	**68**
Total Benzo(b,j,k)fluoranthenes	600	4000	4.6 U	**9.0**	**120**	**550**	**16**	**88**	**50**	**25**	**64**
Total HPAH (SEF) (U = 1/2)	31000	55000	**23.4 J**	**76.7 J**	**858**	**3576**	**97.5 J**	**448.8**	**258.4 J**	**128.5**	**325.8 J**
Total LPAH (SEF) (U = 1/2)	6600	9200	**16.9 J**	**46.8 J**	**592.4 J**	**1990**	**23.7 J**	**82.6 J**	**39.3 J**	**27.9 J**	**70.7 J**
Chlorinated Hydrocarbons (µg/kg)												
1,2,4-Trichlorobenzene	--	--	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	19 U
1,2-Dichlorobenzene	--	--	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	19 U
1,3-Dichlorobenzene	--	--	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	19 U
1,4-Dichlorobenzene	--	--	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	19 U
Hexachlorobenzene	--	--	19 U	20 U	19 U	**23**	18 U	4.9 U	4.9 U	18 U	19 U
Hexachloroethane	--	--	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	19 U
Phthalates (µg/kg)												
Bis(2-ethylhexyl)phthalate	220	320	**16 J**	**18 J**	**66**	**460**	**23**	**110**	**79**	**72**	**130**
Butylbenzyl phthalate	260	370	19 U	20 U	**16 J**	**65**	18 U	19 U	20 U	**19**	19 U
Diethyl phthalate	--	--	**67**	49 U	48 U	49 U	46 U	48 U	50 U	46 U	48 U
Dimethyl phthalate	46	440	19 U	20 U	19 U	20 U	18 U	19 U	20 U	**97**	**970**
Di-n-butyl phthalate	--	--	19 U	20 U	19 U	20 U	18 U	19 U	20 U	**28**	**17 J**
Di-n-octyl phthalate	26	45	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	**15 J**
Phenols (µg/kg)												
2,4-Dimethylphenol	--	--	19 UJ	20 UJ	19 UJ	20 UJ	18 UJ	19 UJ	20 UJ	18 UJ	19 UJ
2-Methylphenol (o-Cresol)	--	--	19 U	20 U	19 U	**16 J**	18 U	19 U	20 U	18 U	19 U
4-Methylphenol (p-Cresol)	--	--	38 U	39 U	**36 J**	**150**	**24 J**	38 U	40 U	37 U	38 U
Pentachlorophenol	--	--	190 U	200 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Phenol	--	--	19 U	20 U	**18 J**	**180**	**10 J**	19 U	20 U	18 U	**11 J**
Miscellaneous Extractables (µg/kg)												
Benzoic acid	--	--	380 U	390 U	390 U	**390 J**	370 U	380 U	400 U	370 U	**140 J**
Benzyl alcohol	--	--	19 U	20 U	**20**	**210**	18 U	**37**	**19 J**	18 U	**23**
Dibenzofuran	400	440	4.6 U	**5.5**	**78**	**280**	4.6 U	**5.6**	4.9 U	4.6 U	4.8 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	--	--	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	4.9 U	4.9 U	10 UJ	10 UJ
N-Nitrosodiphenylamine	--	--	19 U	20 U	19 U	20 U	18 U	19 U	20 U	18 U	19 U
Pesticides (µg/kg)												

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

		Location ID	HT-01	HT-02	HT-03	HT-04	HT-05	HT-06	HT-07	HT-08	HT-09
		Location	Log Boom Park Shoreline					Tributary 0056		Motor Boat Launch	
		Sample ID	HT-01-S-C-121106	HT-02-S-C-121106	HT-03-S-C-121106	HT-04-S-C-121106	HT-05-S-C-121106	HT-06-S-E-121106	HT-07-S-E-121106	HT-08-S-C-121106	HT-09-S-C-121106
		Sample Date	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012
		Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2									
4,4'-DDD (p,p'-DDD)	--	--	--	--	--	--	--	0.66 U	0.66 U	--	--
4,4'-DDE (p,p'-DDE)	--	--	--	--	--	--	--	0.60 U	0.61 U	--	--
4,4'-DDT (p,p'-DDT)	--	--	--	--	--	--	--	0.93 U	0.94 U	--	--
Aldrin	--	--	--	--	--	--	--	0.27 U	0.27 U	--	--
Chlordane, alpha- (cis-Chlordane)	--	--	--	--	--	--	--	0.25 U	0.25 U	--	--
Chlordane, beta- (trans-Chlordane)	--	--	--	--	--	--	--	0.37 U	0.38 U	--	--
Dieldrin	--	--	--	--	--	--	--	0.49 U	0.49 U	--	--
Heptachlor	--	--	--	--	--	--	--	0.64 U	0.65 U	--	--
Nonachlor, cis-	--	--	--	--	--	--	--	2.6 U	2.6 U	--	--
Nonachlor, trans-	--	--	--	--	--	--	--	2.6 U	2.6 U	--	--
Oxychlordane	--	--	--	--	--	--	--	4.0 U	4.0 U	--	--
PCB Aroclors (µg/kg)											
Aroclor 1016	--	--	18 U	19 U	19 U	18 U	17 U	17 U	20 U	17 U	19 U
Aroclor 1221	--	--	18 U	19 U	19 U	18 U	17 U	17 U	20 U	17 U	19 U
Aroclor 1232	--	--	18 U	19 U	19 U	18 U	17 U	17 U	20 U	17 U	19 U
Aroclor 1242	--	--	18 U	19 U	19 U	18 U	17 U	17 U	20 U	17 U	19 U
Aroclor 1248	--	--	18 U	19 U	19 U	18 U	17 U	17 U	20 U	17 U	19 U
Aroclor 1254	--	--	18 U	19 U	19 U	**28 J**	17 U	17 U	20 U	17 U	19 U
Aroclor 1260	--	--	18 U	19 U	19 U	18 U	17 U	17 U	20 U	17 U	19 U
Total 7 PCB Aroclors (U = 0)	60	120	18 U	19 U	19 U	**28 J**	17 U	17 U	20 U	17 U	19 U
Dioxin Furans (ng/kg)											
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**0.134 J**	**0.168 J**	**0.239 J**	**0.546 J**	**0.151 J**	**0.176 J**	**0.156 J**	**0.148 J**	**0.183 J**
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	0.0671 U	**0.158 J**	**0.64 J**	**2.14**	**0.420 J**	**0.274 J**	**0.243 J**	**0.144 J**	**0.305 J**
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	0.209 U	**0.137 J**	**0.654 J**	**2.18**	**0.340 J**	**0.374 J**	**0.347 J**	**0.120 J**	**0.414 J**
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**0.193 J**	**0.434 J**	**2.25**	**8.69**	**0.884 J**	**1.5 J**	**0.911 J**	**0.387 J**	**1.25 J**
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**0.103 J**	**0.275 J**	**1.29 J**	**4.33**	**0.790 J**	**0.785 J**	**0.66 J**	**0.289 J**	**0.825 J**
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD	--	--	**3.79**	**9.30**	**38.7**	**178**	**18.4**	**25.4**	**17.1**	**8.06**	**24.8**
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	--	--	**31.4**	**101**	**272**	**1460**	**136**	**188**	**136**	**59.8**	**169**
Total Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**0.132 J**	**0.362 J**	**2.56 J**	**7.22 J**	**0.667 J**	**1.26 J**	**1.27 J**	**0.601 J**	**1.7 J**
Total Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	**0.17 J**	**0.78 J**	**4.21 J**	**14.3 J**	**2.79 J**	**1.77 J**	**1.68 J**	**0.735 J**	**2.15 J**
Total Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**1.20 J**	**3.17 J**	**16.3 J**	**65.1 J**	**8.55 J**	**9.16 J**	**6.05**	**2.53 J**	**8.76**
Total Heptachlorodibenzo-p-dioxin (HpCDD)	--	--	**7.37**	**21.4**	**83.9**	**423**	**40.0**	**47.3**	**30.4**	**14.5**	**47.3**
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	--	--	0.0355 U	**0.135 J**	**0.397 J**	**1.41**	0.086 U	**0.252 J**	0.116 U	0.0818 U	**0.175 J**
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	0.0611 U	0.099 U	**0.303 J**	**0.871 J**	0.115 U	**0.204 J**	0.142 U	0.0818 UJ	**0.159 J**
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	**0.0454 J**	**0.0812 J**	**0.317 J**	**1.05**	**0.117 J**	**0.252 J**	**0.156 J**	**0.0758 J**	**0.165 J**
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**0.0375 J**	**0.105 J**	**0.459 J**	**1.79 J**	**0.205 J**	**0.559 J**	**0.261 J**	**0.124 J**	**0.556 J**
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**0.0493 J**	**0.115 J**	**0.518 J**	**1.78 J**	**0.219 J**	**0.32 J**	**0.221 J**	**0.13 J**	**0.373 J**
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	--	--	**0.0335 J**	0.145 U	**0.185 J**	**0.618 J**	**0.127 J**	**0.18 J**	**0.0917 J**	**0.0539 J**	**0.265 J**
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**0.0572 J**	**0.129 J**	**0.754 J**	**2.65**	**0.270 J**	**0.503 J**	**0.355 J**	**0.0858 J**	**0.534 J**
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	--	--	**0.643 J**	**1.21 J**	**5.68**	**26.8**	**2.44**	**3.93**	**3.43**	**1.59 J**	**6.28**

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	HT-01	HT-02	HT-03	HT-04	HT-05	HT-06	HT-07	HT-08	HT-09
			Location	Log Boom Park Shoreline					Tributary 0056		Motor Boat Launch	
			Sample ID	HT-01-S-C-121106	HT-02-S-C-121106	HT-03-S-C-121106	HT-04-S-C-121106	HT-05-S-C-121106	HT-06-S-E-121106	HT-07-S-E-121106	HT-08-S-C-121106	HT-09-S-C-121106
			Sample Date	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012	11/6/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2										
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	--	--		0.414 U	**0.0495 J**	**0.349 J**	**1.77 J**	**0.233 J**	**0.302 J**	**0.215 J**	**0.134 J**	**0.574 J**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	--	--		**1.91 J**	**3.44 J**	**11.8**	**71.5**	**7.39**	**8.8**	**9.54**	**3.89 J**	**14.0**
Total Tetrachlorodibenzofuran (TCDF)	--	--		**0.444 J**	**1.46 J**	**6.63 J**	**25.6 J**	**1.25 J**	**4.09 J**	**4.03 J**	**1.15 J**	**2.79 J**
Total Pentachlorodibenzofuran (PeCDF)	--	--		**0.876 J**	**1.84 J**	**9.79 J**	**31.3 J**	**3.87 J**	**6.10 J**	**5.70 J**	**1.56 J**	**4.39 J**
Total Hexachlorodibenzofuran (HxCDF)	--	--		**1.18 J**	**2.42 J**	**13.6 J**	**50.5 J**	**4.60 J**	**8.75 J**	**6.85 J**	**2.41 J**	**11.2 J**
Total Heptachlorodibenzofuran (HpCDF)	--	--		**1.88**	**3.61 J**	**18.4 J**	**79.5 J**	**6.91 J**	**11.6**	**10.2**	**4.22**	**19.5**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2)	--	--		**0.298 J**	**0.629 J**	**2.17 J**	**7.90 J**	**1.15 J**	**1.33 J**	**0.990 J**	**0.556 J**	**1.35 J**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 0)	--	--		**0.249 J**	**0.620 J**	**2.17 J**	**7.90 J**	**1.14 J**	**1.33 J**	**0.982 J**	**0.551 J**	**1.35 J**

Notes:

Detected concentration is greater than Freshwater SL1 screening level

Detected concentration is greater than Freshwater SL2 screening level

Bold = Detected result

-- = results not reported or not applicable

FD = field duplicate

J = estimated value

mg/kg = milligrams per kilogram

N = normal field sample

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

µg/L = micrograms per liter

pct = percent

SEF = Sediment Evaluation Framwork (RSET 2006)

U = Compound analyzed, but not detected above detection limit

UJ = Compound analyzed, but not detected above estimated detection limit

** Arsenic result of 30UJ was verified to be between the MDL and the RL and below the screening level.

All non-detect pesticides and dioxin/furan data were reported at the **method detection limit**; all other non-detect data were reported at the **reporting limit**.

Totals are calculated as the sum of all detected results (U=0). If all results are not detected, the highest reporting limit value is reported as the sum.

Totals are calculated as the sum of all detected results and 1/2 the undetected reporting limit (U=1/2). If all results are not detected, the highest reporting limit value is reported as the sum.

Total LPAH (Low PAH) SEF is the total of 2-Methylnapthalene, Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene and Anthracene.

Total HPAH (High PAH) SEF is the total of Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b,j,k)fluoranthenes, Benzo(a)pyrene, Indeno(1,2,3-c,d)pyrene, Dibenzo(a,h)anthracene and Benzo(g,h,i)perylene.

Total 7 PCB Aroclors is the total of all PCB Aroclors listed in this table.

Dioxin/Furan Toxicity Equivalency (TEQ) values as of 2005, World Health Organization.

USEPA Stage 2A validation was performed by Anchor QEA on all compounds, except dioxin/furans.

USEPA Stage 4 validation was performed by LDC on dioxin/furans.

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	HT-10	HT-11	SG-01	SG-02	SG-03	SG-04	SG-05	SG-06
			Location	Lake Forest Park	Lyon Creek Park	Sammamish River	North Lake Marina		Kenmore Navigation Channel		
			Sample ID	HT-10-S-LFP-121106	HT-11-S-LFP-121106	SG-01-S-C-121107	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108
			Sample Date	11/6/2012	11/6/2012	11/7/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm
	Freshwater SL1	Freshwater SL2									
Conventional Parameters (pct)											
Total organic carbon	--	--	**1.91**	**0.456**	**1.33**	**7.12**	**6.60**	**2.73**	**5.43**	**4.89**
Total solids	--	--	**80.2**	**83.9**	**72.9**	**25.7**	**25.6**	**80.8**	**35.0**	**29.9**
Total volatile solids	--	--	**1.18**	**0.910**	**1.19**	**13.51**	**15.15**	**1.72**	**11.13**	**13.89**
Gravel	--	--	**33.3**	**51.4**	0.1 U	**0.4**	**11.8**	**71.4**	**3.1**	0.1 U
Sand, Very Coarse	--	--	**11.0**	**8.1**	**0.2**	**6.5**	**9.2**	**7.6**	**2.9**	**7.4**
Sand, Coarse	--	--	**22.2**	**15.6**	**2.1**	**5.5**	**7.2**	**6.9**	**5.3**	**6.6**
Sand, Medium	--	--	**25.8**	**19.3**	**47.4**	**5.5**	**7.2**	**7.6**	**11.1**	**6.2**
Sand, Fine	--	--	**5.9**	**4.7**	**44.2**	**7.2**	**7.8**	**2.9**	**14.3**	**8.6**
Sand, Very Fine	--	--	**1.2**	**0.4**	**4.0**	**9.1**	**10.1**	**1.0**	**15.2**	**15.9**
Fines (silt + clay)	--	--	**0.5**	**0.4**	**2.2**	**65.8**	**46.7**	**2.5**	**48.1**	**55.2**
Silt, Coarse	--	--	0.5 U	0.4 U	--	**10**	**13.1**	--	**7.7**	**8.6**
Silt, Medium	--	--	0.5 U	0.4 U	--	**19.3**	**8.4**	--	**16**	**15.5**
Silt, Fine	--	--	0.5 U	0.4 U	--	**15.2**	**10.9**	--	**9.9**	**12.1**
Silt, Very Fine	--	--	0.5 U	0.4 U	--	**11.1**	**7.0**	--	**7.1**	**7.8**
Clay, Coarse	--	--	0.5 U	0.4 U	--	**5.6**	**4.5**	--	**4.3**	**6.3**
Clay, Medium	--	--	0.5 U	0.4 U	--	**3.2**	**1.8**	--	**1.9**	**3.2**
Clay, Fine	--	--	0.5 U	0.4 U	--	**1.4**	**1.1**	--	**1.3**	**1.6**
Metals (mg/kg)											
Antimony	--	--	6 UJ	6 UJ	6 UJ	20 U	20 U	6 U	10 U	20 U
Arsenic	20	51	6 U	6 U	6 UJ	20 U	20 U	6 U	10 U	20 U
Cadmium	1.1	1.5	**0.3**	**0.3**	0.2 U	**1.3**	**1.2**	**0.3**	**0.7**	**0.8**
Chromium	95	100	**24.3 J**	**22.6 J**	**29.3**	**56**	**55**	**35**	**43**	**57**
Copper	80	830	**8.9**	**8.9**	**5.9 J**	**92.4**	**88.1**	**14.6**	**35.6**	**43.6**
Lead	340	430	**9**	**7**	**4 J**	**62**	**42**	**5**	**28**	**31**
Mercury	0.28	0.75	0.02 U	0.02 U	0.03 U	**0.18**	**0.1**	0.02 U	**0.08**	**0.1**
Nickel	60	70	**27**	**30**	**23**	**48**	**45**	**30**	**39**	**46**
Selenium	--	--	0.6 U	0.6 U	0.6 U	2 U	2 U	0.6 U	1 U	2 U
Silver	2.0	2.5	0.3 U	0.4 U	0.4 U	1 U	1 U	0.4 U	0.9 U	1 U
Zinc	130	400	**59**	**55**	**43 J**	**231**	**267**	**49**	**143**	**164**
Organometallic Compounds										
Tributyltin (porewater) µg/L	--	--	**--**	**--**	**--**	**0.67**	**0.058**	**0.049**	**0.0080**	**0.023**
Tributyltin (bulk) µg/kg	--	--	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Polycyclic Aromatic Hydrocarbons (µg/kg)										
1-Methylnaphthalene	--	--	4.8 U	4.8 U	4.8 U	**21**	**9.8 J**	20 U	**13 J**	20 U
2-Methylnaphthalene	470	560	4.8 U	4.8 U	4.8 U	**31**	**25**	20 U	**26**	**14 J**
Acenaphthene	1100	1300	4.8 U	4.8 U	4.8 U	**320**	**33**	**14 J**	**26**	**17 J**
Acenaphthylene	470	640	4.8 U	4.8 U	4.8 U	**22**	**16 J**	20 U	20 U	20 U
Anthracene	1200	1600	4.8 U	4.8 U	4.8 U	**66**	**68**	**26**	**39**	**28**
Benzo(a)anthracene	4300	5800	**18 J**	4.8 U	**15 J**	**210**	**190**	**81**	**110**	**110**

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	HT-10	HT-11	SG-01	SG-02	SG-03	SG-04	SG-05	SG-06
			Location	Lake Forest Park	Lyon Creek Park	Sammamish River	North Lake Marina		Kenmore Navigation Channel		
			Sample ID	HT-10-S-LFP-121106	HT-11-S-LFP-121106	SG-01-S-C-121107	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108
			Sample Date	11/6/2012	11/6/2012	11/7/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm
	Freshwater SL1	Freshwater SL2									
Benzo(a)pyrene	3300	4800	**21**	4.8 U	**15 J**	**190**	**160**	**62**	**76**	**120**
Benzo(g,h,i)perylene	4000	5200	**19**	4.8 U	**3.2 J**	**170**	**130**	**43**	**63**	**93**
Chrysene	5900	6400	**26**	**2.4 J**	**20**	**440**	**340**	**110**	**190**	**190**
Dibenzo(a,h)anthracene	800	840	4.8 U	4.8 U	4.8 U	**67**	**55**	**15 J**	**21**	**37**
Fluoranthene	11000	15000	**56**	**3.0 J**	**51**	**480**	**410**	**220**	**310**	**290**
Fluorene	1000	3000	4.8 U	4.8 U	4.8 U	**98**	**46**	**14 J**	**37**	**28**
Indeno(1,2,3-c,d)pyrene	4100	5300	**16 J**	4.8 U	**3.6 J**	**140**	**110**	**39**	**51**	**81**
Naphthalene	500	1300	4.8 U	4.8 U	4.8 U	**83**	**58**	20 U	**50**	**38**
Phenanthrene	6100	7600	**29**	4.8 U	**26**	**170**	**190**	**140**	**180**	**140**
Pyrene	8800	16000	**41**	20 U	**39**	**590**	**440**	**190**	**300**	**290**
Total Benzo(b,j,k)fluoranthenes	600	4000	**44**	**2.5 J**	**35 J**	**530**	**420**	**140**	**220**	**300**
Total HPAH (SEF) (U = 1/2)	31000	55000	**243.4 J**	**29.9 J**	**184.2 J**	**2817**	**2255**	**900 J**	**1341**	**1511**
Total LPAH (SEF) (U = 1/2)	6600	9200	**43.4**	4.8 U	**40.4**	**790**	**436 J**	**224 J**	**368**	**275 J**
Chlorinated Hydrocarbons (µg/kg)											
1,2,4-Trichlorobenzene	--	--	19 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U
1,2-Dichlorobenzene	--	--	19 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U
1,3-Dichlorobenzene	--	--	19 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U
1,4-Dichlorobenzene	--	--	19 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U
Hexachlorobenzene	--	--	19 U	20 U	19 U	4.9 U	4.9 U	4.9 U	5.0 U	4.8 U
Hexachloroethane	--	--	19 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U
Phthalates (µg/kg)											
Bis(2-ethylhexyl)phthalate	220	320	**31**	**21 J**	**28**	**680**	**510**	62 U	**260**	**540**
Butylbenzyl phthalate	260	370	19 U	20 U	19 U	**32**	**32**	20 U	20 U	**57**
Diethyl phthalate	--	--	48 U	49 U	48 U	49 U	**38 J**	49 U	49 U	**58**
Dimethyl phthalate	46	440	19 U	20 U	19 U	**28**	20 U	20 U	20 U	20 U
Di-n-butyl phthalate	--	--	19 U	20 U	19 U	19 U	**9.8 J**	20 U	20 U	20 U
Di-n-octyl phthalate	26	45	19 U	20 U	19 U	19 U	**58 J**	20 U	**22 J**	**41 J**
Phenols (µg/kg)											
2,4-Dimethylphenol	--	--	19 UJ	20 UJ	19 UJ	19 UJ	20 UJ	20 UJ	20 UJ	20 UJ
2-Methylphenol (o-Cresol)	--	--	19 U	20 U	19 UJ	19 U	20 U	20 UJ	20 U	20 U
4-Methylphenol (p-Cresol)	--	--	39 U	39 U	38 U	**74**	**76**	39 U	**74**	**91**
Pentachlorophenol	--	--	190 U	200 U	190 U	190 U	200 U	200 U	200 U	200 U
Phenol	--	--	19 U	20 U	19 U	19 U	**110**	20 U	**180**	**80**
Miscellaneous Extractables (µg/kg)											
Benzoic acid	--	--	390 U	390 U	380 U	**960**	**1300**	390 U	**1300**	**1100**
Benzyl alcohol	--	--	19 U	20 U	19 U	**82**	**130**	20 U	**160**	**190**
Dibenzofuran	400	440	4.8 U	4.8 U	4.8 U	**30**	**35**	20 U	**28**	20 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	--	--	10 UJ	10 UJ	10 UJ	4.9 U	4.9 U	4.9 U	5.0 U	4.8 U
N-Nitrosodiphenylamine	--	--	19 U	20 U	19 U	19 U	20 U	20 U	20 U	20 U
Pesticides (µg/kg)											

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	HT-10	HT-11	SG-01	SG-02	SG-03	SG-04	SG-05	SG-06
			Location	Lake Forest Park	Lyon Creek Park	Sammamish River	North Lake Marina		Kenmore Navigation Channel		
			Sample ID	HT-10-S-LFP-121106	HT-11-S-LFP-121106	SG-01-S-C-121107	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108
			Sample Date	11/6/2012	11/6/2012	11/7/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm
	Freshwater SL1	Freshwater SL2									
4,4'-DDD (p,p'-DDD)	--	--	--	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	
4,4'-DDE (p,p'-DDE)	--	--	--	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U	
4,4'-DDT (p,p'-DDT)	--	--	--	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	
Aldrin	--	--	--	--	--	0.64 U	0.64 U	0.64 U	0.65 U	0.63 U	
Chlordane, alpha- (cis-Chlordane)	--	--	--	--	--	0.83 U	0.83 U	0.83 U	0.84 U	0.82 U	
Chlordane, beta- (trans-Chlordane)	--	--	--	--	--	0.78 U	0.78 U	0.77 U	0.79 U	0.77 U	
Dieldrin	--	--	--	--	--	1.7 U	1.7 U	1.7 U	1.7 U	1.6 U	
Heptachlor	--	--	--	--	--	0.64 U	0.64 U	0.64 U	0.65 U	0.63 U	
Nonachlor, cis-	--	--	--	--	--	1.6 U	1.6 U	1.6 U	1.7 U	1.6 U	
Nonachlor, trans-	--	--	--	--	--	4.7 U	4.7 U	4.7 U	4.8 U	4.7 U	
Oxychlordane	--	--	--	--	--	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	
PCB Aroclors (µg/kg)											
Aroclor 1016	--	--	19 U	19 U	17 U	19 U	19 U	20 U	19 U	19 U	
Aroclor 1221	--	--	19 U	19 U	17 U	19 U	19 U	20 U	19 U	19 U	
Aroclor 1232	--	--	19 U	19 U	17 U	19 U	19 U	20 U	29 U	19 U	
Aroclor 1242	--	--	19 U	19 U	17 U	19 U	19 U	20 U	19 U	19 U	
Aroclor 1248	--	--	19 U	19 U	17 U	58 U	38 U	20 U	19 U	19 U	
Aroclor 1254	--	--	19 U	19 U	17 U	**88**	48 U	20 U	29 U	28 U	
Aroclor 1260	--	--	19 U	19 U	17 U	**33**	**22**	20 U	19 U	19 U	
Total 7 PCB Aroclors (U = 0)	60	120	19 U	19 U	17 U	**121**	**22**	20 U	29 U	28 U	
Dioxin Furans (ng/kg)											
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**0.168 J**	**0.153 J**	**0.164 J**	**0.975 J**	**0.599 J**	**0.15 J**	**0.322 J**	**0.478 J**	
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	**0.117 J**	0.066 U	**0.107 J**	**7.83**	**3.75**	**0.381 J**	**1.33**	**1.58**	
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	0.303 U	**0.0718 J**	**0.0809 J**	**14.5**	**6.97**	**0.491 J**	**2.18**	**2.65**	
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**0.377 J**	**0.312 J**	**0.31 J**	**53.1**	**28.0**	**1.62 J**	**8.58**	**9.51**	
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**0.245 J**	**0.103 J**	**0.219 J**	**29.5**	**14.5**	**0.897 J**	**4.84**	**5.68**	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD	--	--	**6.32**	**5.45**	**5.70**	**1020**	**610**	**40.5**	**184**	**237**	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	--	--	**40.1**	**44.9**	**40.5**	**7420**	**4760**	**307**	**1540**	**2520**	
Total Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**0.338 J**	**0.341 J**	**0.395 J**	**14.9 J**	**9.77 J**	**1.13 J**	**4.22 J**	**4.89 J**	
Total Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	**0.617 J**	**0.293 J**	**0.391 J**	**43.9**	**26.5**	**2.51 J**	**9.38 J**	**9.24 J**	
Total Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**2.3 J**	**1.76 J**	**2.07 J**	**334**	**206**	**16.1**	**60.4**	**70.1**	
Total Heptachlorodibenzo-p-dioxin (HpCDD)	--	--	**11.0**	**14.0**	**10.9**	**2260**	**1620**	**134**	**473**	**803**	
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	--	--	0.0751 U	0.153 U	0.0691 U	**3.37**	**2.13**	**0.173 J**	**0.841 J**	**0.967 J**	
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	0.0909 U	0.0563 U	**0.077 J**	**3.04**	**1.71 J**	**0.164 J**	**0.684 J**	**0.746 J**	
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	**0.146 J**	**0.0466 J**	**0.0592 J**	**3.27**	**1.86**	**0.128 J**	**0.785 J**	**0.826 J**	
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**0.136 J**	**0.0834 J**	**0.154 J**	**8.04**	**4.83**	**0.289 J**	**1.74 J**	**1.90 J**	
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**0.119 J**	**0.066 J**	**0.0573 J**	**8.28**	**4.02**	**0.261 J**	**1.45 J**	**1.64 J**	
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	--	--	0.14 U	0.162 U	0.0573 U	**3.12**	**1.8 J**	**0.185 J**	**0.751 J**	**0.846 J**	
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**0.128 J**	**0.134 J**	**0.0553 J**	**11.7**	**6.21**	**0.361 J**	**2.14**	**2.55**	
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	--	--	**1.05 J**	**0.840 J**	**1.19 J**	**137**	**84.1**	**4.39**	**25.4**	**31.3**	

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	HT-10	HT-11	SG-01	SG-02	SG-03	SG-04	SG-05	SG-06
			Location	Lake Forest Park Lyon Creek Park		Sammamish River	North Lake Marina		Kenmore Navigation Channel		
			Sample ID	HT-10-S-LFP-121106	HT-11-S-LFP-121106	SG-01-S-C-121107	SG-02-S-C-121108	SG-03-S-C-121108	SG-04-S-C-121108	SG-05-S-C-121108	SG-06-S-C-121108
			Sample Date	11/6/2012	11/6/2012	11/7/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/8/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 22 cm	0 - 25 cm	0 - 15 cm	0 - 23 cm	0 - 25 cm
	Freshwater SL1	Freshwater SL2									
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	--	--		**0.0652 J**	**0.0272 J**	**0.0454 J**	**7.34**	**4.63**	**0.315 J**	**1.63 J**	**1.98 J**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	--	--		**2.38 J**	**1.61 J**	**2.67 J**	**366**	**272**	**10.8**	**71.9**	**108**
Total Tetrachlorodibenzofuran (TCDF)	--	--		**2.82 J**	**0.72 J**	**0.679 J**	**55.5 J**	**32.2 J**	**2.12 J**	**13.8 J**	**15.5 J**
Total Pentachlorodibenzofuran (PeCDF)	--	--		**2.74 J**	**2.97 J**	**1.28 J**	**119**	**59.4 J**	**3.51 J**	**22.5 J**	**24.5 J**
Total Hexachlorodibenzofuran (HxCDF)	--	--		**2.46 J**	**2.49 J**	**2.43 J**	**240**	**136 J**	**7.38 J**	**45.2**	**51.1 J**
Total Heptachlorodibenzofuran (HpCDF)	--	--		**2.73 J**	**2.23 J**	**3.28 J**	**404**	**273**	**13.1 J**	**79.2**	**104**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2)	--	--		**0.544 J**	**0.371 J**	**0.467 J**	**37.0 J**	**20.3 J**	**1.5 J**	**6.8 J**	**8.4 J**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 0)	--	--		**0.516 J**	**0.321 J**	**0.461 J**	**37.0 J**	**20.3 J**	**1.5 J**	**6.8 J**	**8.4 J**

Notes:

Detected concentration is greater than Freshwater SL1 screening level

Detected concentration is greater than Freshwater SL2 screening level

Bold = Detected result

-- = results not reported or not applicable

FD = field duplicate

J = estimated value

mg/kg = milligrams per kilogram

N = normal field sample

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

µg/L = micrograms per liter

pct = percent

SEF = Sediment Evaluation Framwork (RSET 2006)

U = Compound analyzed, but not detected above detection limit

UJ = Compound analyzed, but not detected above estimated detection limit

** Arsenic result of 30UJ was verified to be between the MDL and the RL and below the scree

All non-detect pesticides and dioxin/furan data were reported at the **method detection limit**;

Totals are calculated as the sum of all detected results (U=0). If all results are not detected, th

Totals are calculated as the sum of all detected results and 1/2 the undetected reporting limit

Total LPAH (Low PAH) SEF is the total of 2-Methylnapthalene, Naphthalene, Acenaphthylene,

Total HPAH (High PAH) SEF is the total of Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysen

Total 7 PCB Aroclors is the total of all PCB Aroclors listed in this table.

Dioxin/Furan Toxicity Equivalency (TEQ) values as of 2005, World Health Organization.

USEPA Stage 2A validation was performed by Anchor QEA on all compounds, except dioxin/fu

USEPA Stage 4 validation was performed by LDC on dioxin/furans.

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

		Location ID	SG-07	SG-07	SG-08	SG-09	SG-10	SG-11	SG-12	SG-13
		Location	Kenmore Navigation Channel				Harbor Village Marina			
		Sample ID	SG-07-S-C-121108	G-07-S-C-DUP-12110	SG-08-S-C-121108	SG-09-S-C-121108	SG-10-S-E-121107	SG-11-S-E-121107	SG-12-S-E-121107	SG-13-S-E-121107
		Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
		Sample Interval	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2								
Conventional Parameters (pct)										
Total organic carbon	--	--	**4.95**	**7.07**	**3.30**	**5.22**	**3.14**	**10.8**	**4.65**	**5.45**
Total solids	--	--	**33.7**	**34.3**	**42.0**	**35.7**	**56.1**	**16.9**	**27.4**	**23.2**
Total volatile solids	--	--	**13.40**	**14.11**	**9.10**	**10.58**	**6.51**	**24.10**	**13.67**	**15.02**
Gravel	--	--	**0.5**	**2.6**	**0.3**	**0.1**	**5.3**	0.1 U	**0.6**	0.1 U
Sand, Very Coarse	--	--	**2.7**	**2.7**	**1.5**	**2.1**	**3.0**	**5.3**	**4.2**	**4.3**
Sand, Coarse	--	--	**3.1**	**2.8**	**1.5**	**1.7**	**3.9**	**4.6**	**3.8**	**3.2**
Sand, Medium	--	--	**6.3**	**6.0**	**3.9**	**6.9**	**13.2**	**4.4**	**3.5**	**2.8**
Sand, Fine	--	--	**24.4**	**21.9**	**22.2**	**15.9**	**26.5**	**5.6**	**5.2**	**5.1**
Sand, Very Fine	--	--	**18.9**	**18.6**	**21.2**	**13.4**	**21.9**	**7.4**	**11.6**	**10.1**
Fines (silt + clay)	--	--	**44.1**	**45.4**	**49.3**	**59.7**	**26.4**	**72.7**	**71.1**	**74.6**
Silt, Coarse	--	--	**11**	**13.7**	**13.0**	**19.7**	**17.2**	**18.6**	**22.9**	**11.5**
Silt, Medium	--	--	**12.1**	**11.0**	**13.7**	**12.9**	**3.9**	**20.2**	**22.9**	**21.2**
Silt, Fine	--	--	**7.9**	**7.6**	**8.4**	**10.9**	**1.9**	**14.3**	**12.5**	**16.9**
Silt, Very Fine	--	--	**5.9**	**6.1**	**6.3**	**7.6**	**1.4**	**10.9**	**6.2**	**13.3**
Clay, Coarse	--	--	**3.8**	**3.9**	**3.9**	**4.7**	**1.0**	**5.1**	**3.4**	**6.4**
Clay, Medium	--	--	**2.5**	**2.1**	**2.6**	**2.6**	**0.5**	**2.6**	**2.0**	**3.3**
Clay, Fine	--	--	**0.9**	**0.9**	**1.4**	**1.3**	**0.5**	**1.1**	**1.0**	**1.9**
Metals (mg/kg)										
Antimony	--	--	10 U	10 U	10 U	10 U	9 UJ	30 UJ	20 UJ	20 UJ
Arsenic	20	51	10 U	10 U	10 U	10 U	9 UJ	30 UJ **	20 UJ	20 UJ
Cadmium	1.1	1.5	**0.6**	**0.6**	**0.6**	**0.6**	**0.4**	1 U	0.7 U	0.9 U
Chromium	95	100	**41**	**44**	**44**	**48**	**29.8**	**52**	**44**	**54**
Copper	80	830	**30**	**28.7**	**28**	**31.1**	**18.8 J**	**97 J**	**47.5 J**	**62.1 J**
Lead	340	430	**21**	**21**	**21**	**24**	**19 J**	**50 J**	**27 J**	**32 J**
Mercury	0.28	0.75	**0.11**	**0.08**	**0.07**	**0.08**	**0.04**	**0.1**	**0.1**	**0.1**
Nickel	60	70	**41**	**42**	**40**	**43**	**33**	**47**	**41**	**46**
Selenium	--	--	1 U	1 U	1 U	1 U	0.9 U	3 U	2 U	2 U
Silver	2.0	2.5	0.9 U	0.8 U	0.7 U	0.9 U	0.5 U	2 U	1 U	1 U
Zinc	130	400	**126**	**123**	**113**	**130**	**97 J**	**377 J**	**185 J**	**205 J**
Organometallic Compounds										
Tributyltin (porewater) µg/L	--	--	0.0050 U	0.0050 U	0.0050 U	0.0050 U	--	--	--	--
Tributyltin (bulk) µg/kg	--	--	--	--	--	--	3.6 U	**9.8**	**6.8**	**12**
Polycyclic Aromatic Hydrocarbons (µg/kg)										
1-Methylnaphthalene	--	--	20 U	19 U	**9.6 J**	20 U	**5.5**	**13 J**	**5.2**	**18 J**
2-Methylnaphthalene	470	560	20 U	19 U	19 U	20 U	**12**	**47**	**13**	**24**
Acenaphthene	1100	1300	20 U	19 U	19 U	20 U	**14**	**32**	**18 J**	**17 J**
Acenaphthylene	470	640	20 U	19 U	19 U	20 U	**3.5 J**	**19 J**	**5.7**	**26**
Anthracene	1200	1600	**18 J**	19 U	19 U	20 U	**57**	**66**	**41**	**48**
Benzo(a)anthracene	4300	5800	**110**	**52**	**42**	**40**	**200**	**200**	**120**	**150**

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	SG-07	SG-07	SG-08	SG-09	SG-10	SG-11	SG-12	SG-13
			Location	Kenmore Navigation Channel				Harbor Village Marina			
			Sample ID	SG-07-S-C-121108	G-07-S-C-DUP-12110	SG-08-S-C-121108	SG-09-S-C-121108	SG-10-S-E-121107	SG-11-S-E-121107	SG-12-S-E-121107	SG-13-S-E-121107
			Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
			Sample Interval	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2									
Benzo(a)pyrene	3300	4800	**63**	**55**	**50**	**45**	**190**	**210**	**110**	**140**
Benzo(g,h,i)perylene	4000	5200	**36**	**41**	**41**	**36**	**140**	**110**	**85**	**120**
Chrysene	5900	6400	**140**	**82**	**73**	**72**	**290**	**370**	**210**	**300**
Dibenzo(a,h)anthracene	800	840	**17 J**	**12 J**	**11 J**	**13 J**	**34**	**45**	**36**	**40**
Fluoranthene	11000	15000	**150**	**140**	**130**	**120**	**480**	**430**	**300**	**260**
Fluorene	1000	3000	**12 J**	**9.7 J**	19 U	20 U	**28**	**38**	**59**	**46**
Indeno(1,2,3-c,d)pyrene	4100	5300	**33**	**38**	**36**	**33**	**110**	**90**	**77**	**100**
Naphthalene	500	1300	**18 J**	**25**	**14 J**	**24**	**38**	**39**	**39**	**39**
Phenanthrene	6100	7600	**72**	**68**	**64**	**59**	**260**	**210**	**170**	**190**
Pyrene	8800	16000	**140**	**130**	**120**	**120**	**800**	**470**	**230**	**290**
Total Benzo(b,j,k)fluoranthenes	600	4000	**170**	**140**	**120**	**120**	**400**	**570**	**290**	**380**
Total HPAH (SEF) (U = 1/2)	31000	55000	**859 J**	**690 J**	**623 J**	**599 J**	**2644**	**2495**	**1458**	**1780**
Total LPAH (SEF) (U = 1/2)	6600	9200	**150 J**	**140.7 J**	**125.5 J**	**133**	**412.5 J**	**451 J**	**345.7 J**	**390 J**
Chlorinated Hydrocarbons (µg/kg)											
1,2,4-Trichlorobenzene	--	--	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U
1,2-Dichlorobenzene	--	--	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U
1,3-Dichlorobenzene	--	--	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U
1,4-Dichlorobenzene	--	--	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U
Hexachlorobenzene	--	--	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	3.9 U	4.9 U	4.9 U
Hexachloroethane	--	--	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U
Phthalates (µg/kg)											
Bis(2-ethylhexyl)phthalate	220	320	**330**	**300**	**240**	**240**	**480**	**740**	**360**	**560**
Butylbenzyl phthalate	260	370	**28**	19 U	**36**	**29**	20 U	**24**	**71**	**82**
Diethyl phthalate	--	--	49 U	48 U	48 U	49 U	50 U	**44 J**	**100**	**55**
Dimethyl phthalate	46	440	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U
Di-n-butyl phthalate	--	--	20 U	**12 J**	19 U	20 U	20 U	20 U	**26**	20 U
Di-n-octyl phthalate	26	45	**22 J**	19 U	19 U	20 U	20 U	**87**	20 U	**73 J**
Phenols (µg/kg)											
2,4-Dimethylphenol	--	--	20 UJ	19 UJ	19 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
2-Methylphenol (o-Cresol)	--	--	20 U	19 U	19 U	20 U	20 U	**11 J**	**12 J**	**12 J**
4-Methylphenol (p-Cresol)	--	--	**54**	**31 J**	**22 J**	**36 J**	**160**	**150**	**74**	**110**
Pentachlorophenol	--	--	200 U	190 U	190 U	200 U	200 U	**55 J**	200 U	**52 J**
Phenol	--	--	**42**	**42**	**19**	**39**	**55**	**140**	**300**	**200**
Miscellaneous Extractables (µg/kg)											
Benzoic acid	--	--	**430**	**480**	**300 J**	**510**	**520**	**1400**	**1500**	**1600**
Benzyl alcohol	--	--	**120**	**100**	**61**	**110**	**200**	**530**	**300**	**360**
Dibenzofuran	400	440	20 U	19 U	19 U	20 U	**19**	**24**	**13**	**12**
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	--	--	4.9 U	4.8 U	4.8 U	4.8 U	4.8 U	3.9 U	10 UJ	4.9 U
N-Nitrosodiphenylamine	--	--	20 U	19 U	19 U	20 U	20 U	20 U	20 U	20 U
Pesticides (µg/kg)											

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

		Location ID	SG-07	SG-07	SG-08	SG-09	SG-10	SG-11	SG-12	SG-13
		Location	Kenmore Navigation Channel				Harbor Village Marina			
		Sample ID	SG-07-S-C-121108	G-07-S-C-DUP-12110	SG-08-S-C-121108	SG-09-S-C-121108	SG-10-S-E-121107	SG-11-S-E-121107	SG-12-S-E-121107	SG-13-S-E-121107
		Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
		Sample Interval	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2								
4,4'-DDD (p,p'-DDD)	--	--	1.7 U	1.7 U	1.7 U	1.6 U	1.6 U	1.3 U	1.7 U	1.7 U
4,4'-DDE (p,p'-DDE)	--	--	1.7 U	1.6 U	1.6 U	1.6 U	1.6 U	**7.2 J**	**4.0 J**	1.7 U
4,4'-DDT (p,p'-DDT)	--	--	1.7 U	1.7 U	1.7 U	1.6 U	1.6 U	1.3 U	1.7 U	1.7 U
Aldrin	--	--	0.64 U	0.63 U	0.63 U	0.63 U	0.62 U	0.51 U	0.64 U	0.64 U
Chlordane, alpha- (cis-Chlordane)	--	--	0.83 U	0.81 U	0.81 U	0.81 U	0.8 U	0.66 U	0.83 U	0.83 U
Chlordane, beta- (trans-Chlordane)	--	--	0.78 U	0.76 U	0.76 U	0.76 U	0.75 U	0.62 U	0.78 U	0.78 U
Dieldrin	--	--	1.7 U	1.6 U	1.6 U	1.6 U	1.6 U	1.3 U	1.7 U	1.7 U
Heptachlor	--	--	0.64 U	0.63 U	0.63 UJ	0.63 U	0.62 U	0.51 U	0.64 U	0.64 U
Nonachlor, cis-	--	--	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.3 U	1.6 U	1.6 U
Nonachlor, trans-	--	--	4.7 U	4.6 U	4.6 U	4.6 U	4.6 U	3.8 U	4.7 U	**4.1 J**
Oxychlordane	--	--	2.3 U	2.2 U	2.2 U	2.2 U	2.2 U	1.8 U	2.3 U	2.3 U
PCB Aroclors (µg/kg)										
Aroclor 1016	--	--	19 U	19 U	18 U	20 U	18 U	19 U	19 U	20 U
Aroclor 1221	--	--	19 U	19 U	18 U	20 U	18 U	19 U	19 U	20 U
Aroclor 1232	--	--	19 U	19 U	18 U	20 U	18 U	19 U	19 U	25 U
Aroclor 1242	--	--	19 U	19 U	18 U	20 U	18 U	19 U	19 U	20 U
Aroclor 1248	--	--	19 U	19 U	18 U	20 U	18 U	39 U	24 U	20 U
Aroclor 1254	--	--	19 U	**22**	18 U	20 U	32 U	48 U	49 U	50 U
Aroclor 1260	--	--	19 U	19 U	18 U	20 U	18 U	**29 J**	19 U	20 U
Total 7 PCB Aroclors (U = 0)	60	120	19 U	**22**	18 U	20 U	32 U	**29 J**	49 U	50 U
Dioxin Furans (ng/kg)										
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**0.306 J**	**0.341 J**	**0.293 J**	**0.372 J**	**0.388 J**	**1.32**	**0.804 J**	**0.719 J**
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	**1.18**	**1.03**	**0.870 J**	**1.24**	**1.47**	**12.8**	**5.1**	**5.66**
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**1.42 J**	**1.38 J**	**1.36 J**	**1.71 J**	**2.26**	**25.8**	**8.29**	**11.8**
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**4.38**	**4.21**	**3.85**	**5.03**	**8.32**	**119**	**38.8**	**97.4**
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**2.85**	**2.95**	**2.99**	**3.54**	**4.73**	**52.3**	**18.0**	**25.6**
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD	--	--	**85.5**	**82.7**	**88.5**	**103**	**168**	**2120**	**769**	**1730**
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	--	--	**652**	**613**	**684**	**798**	**1290**	**16500**	**6410**	**14400**
Total Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**4.25 J**	**3.82 J**	**3.33 J**	**4.12 J**	**3.27 J**	**14.7 J**	**9.33 J**	**10.5 J**
Total Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	**8.33 J**	**7.29 J**	**6.12 J**	**7.92 J**	**8.56 J**	**60.3**	**27.8**	**31.5**
Total Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**31.4 J**	**30.2 J**	**27.2 J**	**35.0 J**	**50.6 J**	**563**	**199**	**353**
Total Heptachlorodibenzo-p-dioxin (HpCDD)	--	--	**167**	**155**	**160**	**191**	**332**	**4150**	**1470**	**3200**
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	--	--	**0.643 J**	**0.579 J**	**0.553 J**	**0.784 J**	**0.759 J**	**3.38**	**2.15**	**2.84 J**
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	**0.442 J**	**0.466 J**	**0.409 J**	**0.577 J**	**0.675 J**	**5.37 J**	**2.87**	**5.3 J**
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	**0.452 J**	**0.556 J**	**0.540 J**	**0.573 J**	**0.725 J**	**5.19**	**2.57 J**	**4.71**
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**1.20 J**	**1.05 J**	**1.30 J**	**1.43 J**	**1.49 J**	**15.3**	**6.40**	**13.2**
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**0.989 J**	**0.958 J**	**0.964 J**	**1.23 J**	**1.26 J**	**13.6**	**5.15**	**8.24**
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	--	--	**0.386 J**	**0.411 J**	**0.366 J**	**0.497 J**	**0.692 J**	**7.11**	**2.96**	**7.63**
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**1.40 J**	**1.34 J**	**1.37 J**	**1.74 J**	**1.96**	**21.1**	**8.02**	**15.4**
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	--	--	**14.6**	**14.6**	**18.7**	**17.7**	**22.3**	**282**	**104**	**230**

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	SG-07	SG-07	SG-08	SG-09	SG-10	SG-11	SG-12	SG-13
			Location	Kenmore Navigation Channel				Harbor Village Marina			
			Sample ID	SG-07-S-C-121108	G-07-S-C-DUP-12110	SG-08-S-C-121108	SG-09-S-C-121108	SG-10-S-E-121107	SG-11-S-E-121107	SG-12-S-E-121107	SG-13-S-E-121107
			Sample Date	11/8/2012	11/8/2012	11/8/2012	11/8/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
			Sample Interval	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 25 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2									
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	--	--		**1.06 J**	**1.14 J**	**1.83 J**	**1.33 J**	**1.59 J**	**15.3**	**6.00**	**10.6**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	--	--		**40.9**	**39.5**	**66.0**	**46.6**	**77.5**	**871**	**356**	**837**
Total Tetrachlorodibenzofuran (TCDF)	--	--		**11.1 J**	**10.3 J**	**9.21 J**	**12.2 J**	**11.3 J**	**51.2 J**	**29.7 J**	**32.4 J**
Total Pentachlorodibenzofuran (PeCDF)	--	--		**14.8 J**	**14.2 J**	**12.8 J**	**17.1 J**	**19.7 J**	**157 J**	**75.2 J**	**129 J**
Total Hexachlorodibenzofuran (HxCDF)	--	--		**25.8 J**	**25.6**	**25.7 J**	**30.6 J**	**39.1**	**472**	**193 J**	**438 J**
Total Heptachlorodibenzofuran (HpCDF)	--	--		**43.8**	**43.3**	**57.2 J**	**52.8 J**	**73.3**	**879**	**347**	**809**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2)	--	--		**4.2 J**	**4.0 J**	**3.9 J**	**4.9 J**	**6.57 J**	**70.98 J**	**26.56 J**	**50.439 J**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 0)	--	--		**4.2 J**	**4.0 J**	**3.9 J**	**4.9 J**	**6.57 J**	**70.98 J**	**26.56 J**	**50.439 J**

Notes:

Detected concentration is greater than Freshwater SL1 screening level

Detected concentration is greater than Freshwater SL2 screening level

Bold = Detected result

-- = results not reported or not applicable

FD = field duplicate

J = estimated value

mg/kg = milligrams per kilogram

N = normal field sample

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

µg/L = micrograms per liter

pct = percent

SEF = Sediment Evaluation Framwork (RSET 2006)

U = Compound analyzed, but not detected above detection limit

UJ = Compound analyzed, but not detected above estimated detection limit

** Arsenic result of 30UJ was verified to be between the MDL and the RL and below the scree

All non-detect pesticides and dioxin/furan data were reported at the **method detection limit**;

Totals are calculated as the sum of all detected results (U=0). If all results are not detected, th

Totals are calculated as the sum of all detected results and 1/2 the undetected reporting limit

Total LPAH (Low PAH) SEF is the total of 2-Methylnapthalene, Naphthalene, Acenaphthylene,

Total HPAH (High PAH) SEF is the total of Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysen

Total 7 PCB Aroclors is the total of all PCB Aroclors listed in this table.

Dioxin/Furan Toxicity Equivalency (TEQ) values as of 2005, World Health Organization.

USEPA Stage 2A validation was performed by Anchor QEA on all compounds, except dioxin/fu

USEPA Stage 4 validation was performed by LDC on dioxin/furans.

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

		Location ID	SG-13	SG-14	SG-15	SG-16	SG-17
		Location	Harbor Village Marina	Kenmore Harbor	Kemore Industrial Park Shoreline		
		Sample ID	SG-13-S-E-DUP-121107	SG-14-S-E-121107	SG-15-S-E-121107	SG-16-S-E-121107	SG-17-S-E-121107
		Sample Date	11/7/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
		Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2					
Conventional Parameters (pct)							
Total organic carbon	--	--	**3.82**	**4.33**	**1.87**	**0.724**	**2.98**
Total solids	--	--	**22.7**	**51**	**82.4**	**77.7**	**46.9**
Total volatile solids	--	--	**14.56**	**7.61**	**1.24**	**0.98**	**6.70**
Gravel	--	--	0.1 U	**22.6**	**0.4**	**0.1**	**0.3**
Sand, Very Coarse	--	--	**3.4**	**6.0**	**1.5**	**0.4**	**3.3**
Sand, Coarse	--	--	**3.0**	**7.6**	**3.9**	**5.5**	**3.9**
Sand, Medium	--	--	**2.9**	**14.6**	**22.3**	**77.5**	**5.5**
Sand, Fine	--	--	**4.6**	**11.4**	**62.7**	**14.6**	**6.0**
Sand, Very Fine	--	--	**9.3**	**7.3**	**6.8**	**1.2**	**11.7**
Fines (silt + clay)	--	--	**76.7**	**30.6**	**2.4**	**0.8**	**69.1**
Silt, Coarse	--	--	**11.6**	**7.5**	--	--	**12.0**
Silt, Medium	--	--	**22.4**	**7.9**	--	--	**17.3**
Silt, Fine	--	--	**17.4**	**5.3**	--	--	**13**
Silt, Very Fine	--	--	**13.7**	**4.9**	--	--	**9.2**
Clay, Coarse	--	--	**6.1**	**2.0**	--	--	**6.1**
Clay, Medium	--	--	**3.0**	**1.2**	--	--	**4.3**
Clay, Fine	--	--	**2.5**	**1.7**	--	--	**7.2**
Metals (mg/kg)							
Antimony	--	--	20 UJ	10 UJ	6 UJ	6 UJ	10 UJ
Arsenic	20	51	20 UJ	10 UJ	6 UJ	6 UJ	10 UJ
Cadmium	1.1	1.5	0.9 U	**0.7**	0.3 U	0.2 U	0.4 U
Chromium	95	100	**55**	**36**	**20.9**	**29.9**	**54**
Copper	80	830	**62.8 J**	**111 J**	**5.5 J**	**5.4 J**	**13.5 J**
Lead	340	430	**32 J**	**26 J**	**7 J**	**4 J**	**7 J**
Mercury	0.28	0.75	**0.1**	**0.24**	0.03 U	0.03 U	**0.04**
Nickel	60	70	**45**	**35**	**20**	**26**	**34**
Selenium	--	--	2 U	1 U	0.7 U	0.6 U	1 U
Silver	2.0	2.5	1 U	0.7 U	0.4 U	0.4 U	0.6 U
Zinc	130	400	**205 J**	**182 J**	**57 J**	**43 J**	**64 J**
Organometallic Compounds							
Tributyltin (porewater) µg/L	--	--	--	**0.010**	--	--	--
Tributyltin (bulk) µg/kg	--	--	**12**	--	3.6 U	--	--
Polycyclic Aromatic Hydrocarbons (µg/kg)							
1-Methylnaphthalene	--	--	**7.2**	**34**	4.7 U	4.8 U	4.9 U
2-Methylnaphthalene	470	560	**19**	**59**	4.7 U	4.8 U	**7.4**
Acenaphthene	1100	1300	**16 J**	**130**	**3.8 J**	4.8 U	4.9 U
Acenaphthylene	470	640	**7.5**	**26**	4.7 U	4.8 U	4.9 U
Anthracene	1200	1600	**44**	**150**	4.7 U	4.8 U	**11 J**
Benzo(a)anthracene	4300	5800	**160**	**360**	**4.6 J**	4.8 U	**42**

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	SG-13	SG-14	SG-15	SG-16	SG-17
			Location	Harbor Village Marina	Kenmore Harbor	Kemore Industrial Park Shoreline		
			Sample ID	SG-13-S-E-DUP-121107	SG-14-S-E-121107	SG-15-S-E-121107	SG-16-S-E-121107	SG-17-S-E-121107
			Sample Date	11/7/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2						
Benzo(a)pyrene	3300	4800	**120**	**250**	**4.1 J**	**2.9 J**	**41**
Benzo(g,h,i)perylene	4000	5200	**85**	**95**	4.7 U	4.8 UJ	**27**
Chrysene	5900	6400	**240**	**550**	**4.9**	**3.0 J**	**64**
Dibenzo(a,h)anthracene	800	840	**26**	**42**	4.7 U	4.8 UJ	4.9 U
Fluoranthene	11000	15000	**220**	**1200**	**12 J**	**11 J**	**130**
Fluorene	1000	3000	**32**	**150**	**5.5**	4.8 U	**2.5 J**
Indeno(1,2,3-c,d)pyrene	4100	5300	**79**	**97**	4.7 U	4.8 UJ	**24**
Naphthalene	500	1300	**40**	**170**	4.7 U	4.8 UJ	**4.0 J**
Phenanthrene	6100	7600	**160**	**830**	**16 J**	**2.6 J**	**93**
Pyrene	8800	16000	**230**	**920**	**11 J**	**9.7 J**	**120**
Total Benzo(b,j,k)fluoranthenes	600	4000	**320**	**720**	**12**	**8.2**	**91**
Total HPAH (SEF) (U = 1/2)	31000	55000	**1480**	**4234**	**55.6 J**	**44.4 J**	**541.5**
Total LPAH (SEF) (U = 1/2)	6600	9200	**318.5 J**	**1515**	**34.7 J**	**17 J**	**122.8 J**
Chlorinated Hydrocarbons (µg/kg)								
1,2,4-Trichlorobenzene	--	--	20 U	19 U	19 U	19 U	19 U
1,2-Dichlorobenzene	--	--	20 U	19 U	19 U	19 U	19 U
1,3-Dichlorobenzene	--	--	20 U	19 U	19 U	19 U	19 U
1,4-Dichlorobenzene	--	--	20 U	19 U	19 U	19 U	19 U
Hexachlorobenzene	--	--	4.9 U	4.9 U	0.97 U	19 U	19 U
Hexachloroethane	--	--	20 U	19 U	19 U	19 U	19 U
Phthalates (µg/kg)								
Bis(2-ethylhexyl)phthalate	220	320	**430**	**280**	**21 J**	**19 J**	**150**
Butylbenzyl phthalate	260	370	**56**	**43**	19 U	19 U	19 U
Diethyl phthalate	--	--	50 U	**68**	47 U	48 U	48 U
Dimethyl phthalate	46	440	20 U	19 U	19 U	19 U	**38**
Di-n-butyl phthalate	--	--	20 U	19 U	19 U	19 U	19 U
Di-n-octyl phthalate	26	45	**42**	**24**	19 U	19 U	**11 J**
Phenols (µg/kg)								
2,4-Dimethylphenol	--	--	20 UJ	19 UJ	19 UJ	19 UJ	19 UJ
2-Methylphenol (o-Cresol)	--	--	**14 J**	19 U	19 U	19 U	19 U
4-Methylphenol (p-Cresol)	--	--	**110**	**59**	**10 J**	39 U	**270**
Pentachlorophenol	--	--	200 U	190 U	190 U	190 U	190 U
Phenol	--	--	**350**	**80**	19 U	19 U	**82**
Miscellaneous Extractables (µg/kg)								
Benzoic acid	--	--	**1700**	**610**	370 U	390 U	**430**
Benzyl alcohol	--	--	**380**	**100**	19 U	19 U	**62**
Dibenzofuran	400	440	**17**	**90**	**4.7**	4.8 U	4.9 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	--	--	4.9 U	4.9 U	0.97 U	10 UJ	10 UJ
N-Nitrosodiphenylamine	--	--	20 U	19 U	19 U	19 U	19 U
Pesticides (µg/kg)								

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

		Location ID	SG-13	SG-14	SG-15	SG-16	SG-17
		Location	Harbor Village Marina	Kenmore Harbor	Kemore Industrial Park Shoreline		
		Sample ID	SG-13-S-E-DUP-121107	SG-14-S-E-121107	SG-15-S-E-121107	SG-16-S-E-121107	SG-17-S-E-121107
		Sample Date	11/7/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
		Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2					
4,4'-DDD (p,p'-DDD)	--	--	1.7 U	1.7 U	0.33 U	--	--
4,4'-DDE (p,p'-DDE)	--	--	**4.4 J**	1.7 U	0.33 U	--	--
4,4'-DDT (p,p'-DDT)	--	--	1.7 U	1.7 U	0.33 UJ	--	--
Aldrin	--	--	0.64 U	0.64 U	0.13 U	--	--
Chlordane, alpha- (cis-Chlordane)	--	--	0.83 U	0.82 U	0.16 U	--	--
Chlordane, beta- (trans-Chlordane)	--	--	0.78 U	0.77 U	0.15 U	--	--
Dieldrin	--	--	1.7 U	1.6 U	0.33 U	--	--
Heptachlor	--	--	0.64 U	0.64 U	0.13 U	--	--
Nonachlor, cis-	--	--	1.6 U	1.6 U	0.32 U	--	--
Nonachlor, trans-	--	--	4.7 U	4.7 U	0.94 U	--	--
Oxychlordane	--	--	2.3 U	2.3 U	0.45 U	--	--
PCB Aroclors (µg/kg)							
Aroclor 1016	--	--	20 U	19 U	18 U	18 U	19 U
Aroclor 1221	--	--	20 U	19 U	18 U	18 U	19 U
Aroclor 1232	--	--	35 U	28 U	18 U	18 U	19 U
Aroclor 1242	--	--	20 U	19 U	18 U	18 U	19 U
Aroclor 1248	--	--	20 U	19 U	18 U	18 U	19 U
Aroclor 1254	--	--	25 U	**20**	18 U	18 U	19 U
Aroclor 1260	--	--	20 U	19 U	18 U	18 U	19 U
Total 7 PCB Aroclors (U = 0)	60	120	35 U	**20**	18 U	18 U	19 U
Dioxin Furans (ng/kg)							
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**0.521 J**	**0.404 J**	**0.154 J**	**0.144 J**	**0.226 J**
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	**2.51**	**1.99**	**0.0891 J**	**0.0758 J**	**0.491 J**
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**5.28**	**3.06**	**0.143 J**	**0.0679 J**	**1.03 J**
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**32.5**	**12.5**	**0.818 J**	**0.202 J**	**2.12**
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**10.8**	**6.86**	**0.35 J**	**0.168 J**	**2.33**
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD	--	--	**600**	**304**	**13.9**	**4.24**	**50.3**
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	--	--	**4830**	**2490**	**105**	**32.0**	**252**
Total Tetrachlorodibenzo-p-dioxin (TCDD)	--	--	**4.89 J**	**5.27 J**	**0.446 J**	**0.481 J**	**1.11 J**
Total Pentachlorodibenzo-p-dioxin (PeCDD)	--	--	**13.1 J**	**13.5 J**	**0.632 J**	**0.441 J**	**2.03 J**
Total Hexachlorodibenzo-p-dioxin (HxCDD)	--	--	**136**	**102**	**4.11 J**	**1.86 J**	**14.9 J**
Total Heptachlorodibenzo-p-dioxin (HpCDD)	--	--	**1120**	**877**	**27.3**	**8.18**	**82.0**
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	--	--	**1.22**	**1.09**	0.103 U	0.022 U	0.136 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	**2.06 J**	**0.796 J**	**0.0911 J**	**0.0758 J**	**0.126 J**
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	--	--	**1.82**	**0.957 J**	**0.0752 J**	0.0439 U	**0.136 J**
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**4.94**	**2.26**	**0.176 J**	**0.0918 J**	**0.625 J**
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**3.39**	**2.08**	**0.103 J**	**0.0739 J**	**0.725 J**
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	--	--	**2.82**	**0.816 J**	0.0653 U	0.0259 U	0.11 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	--	--	**5.77**	**2.90**	**0.19 J**	**0.0559 J**	**1.06 J**
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	--	--	**93.1**	**36.2**	**2.05**	**0.888 J**	**14.4**

Table 2

Kenmore Area Sediment Results Compared to Interim 2006 Sediment Evaluation Framework

			Location ID	SG-13	SG-14	SG-15	SG-16	SG-17
			Location	Harbor Village Marina	Kenmore Harbor	Kemore Industrial Park Shoreline		
			Sample ID	SG-13-S-E-DUP-121107	SG-14-S-E-121107	SG-15-S-E-121107	SG-16-S-E-121107	SG-17-S-E-121107
			Sample Date	11/7/2012	11/7/2012	11/7/2012	11/7/2012	11/7/2012
			Sample Interval	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm	0 - 10 cm
	Freshwater SL1	Freshwater SL2						
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	--	--		**4.97**	**2.54 J**	**0.0713 J**	**0.0639 J**	**0.95 J**
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	--	--		**379**	**106**	**5.88**	**1.75 J**	**24.5**
Total Tetrachlorodibenzofuran (TCDF)	--	--		**15.9 J**	**15.4 J**	**1.06 J**	**0.681 J**	**2.50 J**
Total Pentachlorodibenzofuran (PeCDF)	--	--		**51.6 J**	**28.9 J**	**3.73 J**	**0.95 J**	**5.21 J**
Total Hexachlorodibenzofuran (HxCDF)	--	--		**161**	**64.1 J**	**3.85 J**	**1.56 J**	**17.8 J**
Total Heptachlorodibenzofuran (HpCDF)	--	--		**314 J**	**115 J**	**6.17 J**	**2.41 J**	**31.5**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 1/2)	--	--		**18.85 J**	**10.07 J**	**0.648 J**	**0.359 J**	**2.30 J**
Total Dioxin/Furan TEQ 2005 (Mammal) (U = 0)	--	--		**18.85 J**	**10.07 J**	**0.640 J**	**0.350 J**	**2.29 J**

Notes:

Detected concentration is greater than Freshwater SL1 screening level

Detected concentration is greater than Freshwater SL2 screening level

Bold = Detected result

-- = results not reported or not applicable

FD = field duplicate

J = estimated value

mg/kg = milligrams per kilogram

N = normal field sample

ng/kg = nanograms per kilogram

µg/kg = micrograms per kilogram

µg/L = micrograms per liter

pct = percent

SEF = Sediment Evaluation Framwork (RSET 2006)

U = Compound analyzed, but not detected above detection limit

UJ = Compound analyzed, but not detected above estimated detection limit

** Arsenic result of 30UJ was verified to be between the MDL and the RL and below the scree

All non-detect pesticides and dioxin/furan data were reported at the **method detection limit**;

Totals are calculated as the sum of all detected results (U=0). If all results are not detected, th

Totals are calculated as the sum of all detected results and 1/2 the undetected reporting limit

Total LPAH (Low PAH) SEF is the total of 2-Methylnapthalene, Naphthalene, Acenaphthylene,

Total HPAH (High PAH) SEF is the total of Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysen

Total 7 PCB Aroclors is the total of all PCB Aroclors listed in this table.

Dioxin/Furan Toxicity Equivalency (TEQ) values as of 2005, World Health Organization.

USEPA Stage 2A validation was performed by Anchor QEA on all compounds, except dioxin/fu

USEPA Stage 4 validation was performed by LDC on dioxin/furans.

Table 3

Surface Water Results from Log Boom Park Shoreline and Lake Washington Reference Location

Location ID	HT-01	HT-04	HT-04	WS-10
Location	Log Boom Park Shoreline			Reference
Sample ID	HT-01-W-C-121107	HT-04-W-C-121107	HT-04-W-C-DUP-121107	WS-10-W-C-121107
Sample Date	11/7/2012	11/7/2012	11/7/2012	11/7/2012
Conventional Parameters (mg/L)				
Hardness as CaCO3	**48**	**50**	**49**	**43**
Total suspended solids	**13.8**	**3.7**	**3.4**	**2**
Total dissolved solids	**76**	**78**	**74**	**59**
Metals (µg/L)				
Antimony	1 U	1 U	0.2 U	0.2 U
Arsenic	**2**	**2**	**1.2**	**0.9**
Barium	**11**	**9**	**8.7**	**6.2**
Beryllium	0.5 U	0.5 U	0.2 U	0.2 U
Cadmium	0.5 U	0.5 U	0.1 U	0.1 U
Calcium	**11100**	**11500**	**11400**	**10200**
Chromium	2 U	2 U	0.5 U	1 U
Copper	**2.8**	**2.6**	**3.2**	**1.6**
Iron	**480**	**330**	**330**	**160**
Lead	**0.5**	0.5 U	**0.3**	0.1 U
Magnesium	**4830**	**5060**	**4970**	**4210**
Manganese	**111**	**32**	**12.4**	**21**
Mercury	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	**2**	**1**	**1.2**	**0.7**
Selenium	2 U	2 U	0.5 U	0.5 U
Silver	1 U	1 U	0.2 U	0.2 U
Thallium	1 U	1 U	0.2 U	0.2 U
Zinc	20 U	20 U	4 U	4 U
Metals, Dissolved (µg/L)				
Antimony	0.2 U	0.2 U	0.2 U	0.2 U
Arsenic	**0.8**	**1**	**1**	**0.8**
Barium	**7.4**	**7.8**	**7.7**	**6**
Beryllium	0.2 U	0.2 U	0.2 U	0.2 U
Cadmium	0.1 U	0.1 U	0.1 U	0.1 U
Chromium	1 U	1 U	1 U	1 U
Copper	**1.9**	**2.1**	**2**	**1.2**
Iron	**110**	**150**	**150**	**90**
Lead	**0.1**	**0.1**	0.1 U	0.1 U
Manganese	**2.8**	**4.6**	**5.1**	**13.8**
Mercury	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	**1.1**	**1.1**	**1**	**0.8**
Selenium	0.5 U	0.5 U	0.5 U	0.5 U
Silver	0.2 U	0.2 U	0.2 U	0.2 U
Thallium	0.2 U	0.2 U	0.2 U	0.2 U
Zinc	**6**	4 U	4 U	4 U
Polycyclic Aromatic Hydrocarbons (µg/L)				
1-Methylnaphthalene	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b,j,k)fluoranthenes	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(j)fluoranthene	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzo(a,h)anthracene	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-c,d)pyrene	0.1 U	0.1 U	0.1 U	0.1 U
Naphthalene	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	0.1 U	0.1 U	0.1 U	0.1 U
Chlorinated Hydrocarbons (µg/L)				
1,2,4-Trichlorobenzene	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1 U	1 U	1 U	1 U
Hexachlorobenzene	1 U	1 U	1 U	1 U
Hexachloroethane	2 U	2 U	2 U	2 U
Phthalates (µg/L)				
Bis(2-ethylhexyl)phthalate	3 U	3 U	3 U	3 U

Table 3

Surface Water Results from Log Boom Park Shoreline and Lake Washington Reference Location

Location ID	HT-01	HT-04	HT-04	WS-10
Location	Log Boom Park Shoreline			Reference
Sample ID	HT-01-W-C-121107	HT-04-W-C-121107	HT-04-W-C-DUP-121107	WS-10-W-C-121107
Sample Date	11/7/2012	11/7/2012	11/7/2012	11/7/2012
Butylbenzyl phthalate	1 U	1 U	1 U	1 U
Diethyl phthalate	1 U	1 U	1 U	1 U
Dimethyl phthalate	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	1 U	1 U	1 U	1 U
Phenols (µg/L)				
2,4-Dimethylphenol	3 U	3 U	3 U	3 U
2-Methylphenol (o-Cresol)	1 U	1 U	1 U	1 U
4-Methylphenol (p-Cresol)	2 U	2 U	2 U	2 U
Pentachlorophenol	**0.024 J**	**0.022 J**	**0.02 J**	0.025 U
Phenol	1 U	1 U	1 U	1 U
Miscellaneous Extractables (µg/L)				
Benzoic acid	20 U	20 U	20 U	20 U
Benzyl alcohol	2 U	2 U	2 U	2 U
Dibenzofuran	0.1 U	0.1 U	0.1 U	0.1 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	0.05 U	0.05 U	0.05 U	0.05 U
N-Nitrosodiphenylamine	1 U	1 U	1 U	1 U

Notes:

Bold = Detected result

-- = results not reported or not applicable

FD = field duplicate

J = estimated value

mg/L = milligrams per liter

N = normal field sample

µg/L = micrograms per liter

U = Compound analyzed, but not detected above detection limit

All non-detect data were reported at the **reporting limit**.

USEPA Stage 2A validation was performed by Anchor QEA on all compounds, except dioxin/furans.

USEPA Stage 4 validation was performed by LDC on dioxin/furans.