TABLE 1 - Tar Pond Area Soil Data and Hazard Quotients

			Depth (feet bgs)	Total LMWT PAHs	Total HMT	LMWT Soil Invert HQ	HMWT Soil Invert HQ	LMWT Small Mammal HQ	HMWT Small Mammal HQ
B-09	B-09-02	9/18/1995	10	12509300	6385500	**431.4**	**354.8**	**25.0**	**1161.0**
B-26	951004-B26-01	10/4/95	0 - 0.2	724	8670	*0.0*	*0.5*	*0.001*	1.6
B-28	951002-B28-01	10/2/95	0 - 0.2	10736	76100	*0.4*	4.2	*0.02*	**13.8**
B-28	951002-B28-02	10/2/95	0 - 0.2	14390	120800	*0.5*	6.7	*0.03*	**22.0**
B-29	950922-B29-01	9/22/95	0 - 0.2	17270	212800	*0.6*	**11.8**	*0.03*	**38.7**
B-30	950922-B30-01	9/22/95	0 - 0.2	91200	873300	3.1	**48.5**	*0.2*	**158.8**
B-30	950922-B30-06	9/22/95	11.5	4165000	2610700	**143.62**	**145.04**	8.33	**474.67**
B-31	950925-B31-01	9/25/95	0 - 0.2	3068	35080	*0.1*	1.9	*0.01*	6.4
B-32	951004-B32-01	10/4/95	0 - 0.2	3910	57300	*0.1*	3.2	*0.01*	**10.4**
B-32	951004-B32-03	10/4/95	11.5	19457000	9315300	**670.93**	**517.52**	**38.91**	**1693.69**
B-33	951005-B33-01	10/5/95	0 - 0.2	61500	893900	2.1	**49.7**	*0.1*	**162.5**
B-33	951005-B33-02	10/5/95	2 - 2.5	9340	28170	*0.3*	1.6	*0.02*	5.1
B-33	951005-B33-03	10/5/95	5.5	5681000	2557400	**195.9**	**142.1**	**11.4**	**465.0**
B-34	950926-B34-01	9/26/95	0 - 0.2	10090	84000	*0.3*	4.7	*0.02*	**15.3**
B-34	950926-B34-05	9/26/95	11.5	9403000	4096000	**324.24**	**227.56**	**18.81**	**744.73**
B-35	951005-B35-01	10/5/95	0 - 0.2	103960	34690	3.6	1.9	*0.2*	6.3
B-48	000828-031	8/28/00	5	1372	580	*0.05*	*0.03*	*0.003*	*0.1*
B-49	000828-037	8/28/00	1 - 1.5	30650	531700	1.1	**29.5**	*0.1*	**96.7**
B-50	000828-034	8/28/00	0.5 - 1	839000	901500	**28.9**	**50.1**	1.7	**163.9**
B-50	000828-035	8/28/00	6	7236	3350	*0.2*	*0.2*	*0.01*	0.6
MW-04-101	981014-M4-01	10/14/98	1.5 - 2	55300	921600	1.9	**51.2**	*0.1*	**167.6**
MW-04-101	981014-M4-02	10/14/98	6	150	517	*0.01*	*0.03*	*0.0003*	*0.09*
MW-04-57	951030-M4-01	10/30/95	0 - 0.2	17100	183000	*0.6*	**10.2**	*0.03*	**33.3**
MW-05-32	951027-M5-01	10/27/95	0 - 0.2	198	1382	*0.0*	*0.1*	*0.0004*	*0.3*
MW-05-175	981019-M5-01	10/19/98	5	6550	105800	*0.23*	5.88	*0.01*	**19.24**
MW-08-56	951025-M8-01	10/25/95	0 - 0.2	8875	272200	*0.3*	**15.1**	*0.02*	**49.5**
MW-11	951102-M11-01	11/2/95	0 - 0.2	7330	98500	*0.3*	5.5	*0.01*	**17.9**
MW-14-110	981014-M14-01	10/14/98	3 - 3.5	686500	5191700	**23.7**	**288.4**	1.4	**943.9**
MW-14-110	981014-M14-02	10/14/98	6	200600	1497100	6.92	**83.17**	*0.40*	**272.20**
SD-1 (Pond Sediment)	960130-SD1-01	1/30/96	0-0.5	98800	1840900	3.41	**102.27**	*0.20*	**334.71**
SD-2 (Pond Sediment)	960130-SD2-01	1/30/96	0-0.5	11108000	10556600	**383.03**	**586.48**	**22.22**	**1919.38**
SD-3 (Pond Sediment)	960130-SD3-01	1/30/96	0-0.5	3466800	7196100	**119.54**	**399.78**	6.93	**1308.38**
SS-1 (Riverbank)	981112-SS-01	11/12/98	0 - 0.2	264	3058	*0.0*	*0.2*	*0.001*	*0.6*
SS-11 (Riverbank)	981112-SS-11	11/12/98	0 - 0.2	150	871	*0.0*	*0.0*	*0.0003*	*0.2*
SS-2 (Riverbank)	981112-SS-02	11/12/98	0 - 0.2	638	11010	*0.0*	*0.6*	*0.001*	2.0
SS-3 (Riverbank)	981112-SS-03	11/12/98	0 - 0.2	4025	80800	*0.1*	4.5	*0.01*	**14.7**
SS-4 (Riverbank)	981112-SS-04	11/12/98	0 - 0.2	1732	19470	*0.1*	1.1	*0.003*	3.5

Invertebrate LMWT SLV = Eco SSL of 29000 ug/kg
Invertebrate HMWT SLV = Eco SSL of 18000 ug/kg
Mammalian (shrew) LMWT SLV = Eco SSL of 100000 ug/kg mulplied by 5 to approximte a LOAEL (500000 ug/kg).
Mammalian (shrew) HMWT SLV = Eco SSL of 1100 ug/kg mulplied by 5 to approximte a LOAEL (5500 ug/kg).
Bold Text indicates hot spot level at 10 times the acceptable level (HQ of 1)

*Only a limted group of riverbank samples were screened by DEQ because of level of effort; spend oxide area also not screened.