Table 3: Summary of Analytical Results for Sediments (2004 - 2005)
Bird Property
Marshall and Prentice Streets
Holliston, Massachusetts

Contaminant	CAS NUMBER	AOC 1		AOC 2				AOC 5			AOC 6 & 8	MADEP TEC	Reportable Concentrations	MCP Method 1 Cleanup Standards		
		Sample Identification												S-1		
		North Pond	South Pond	SED-4	SED-5	SED-6	SED-7	SED-1	SED-2	SED-8	SED-3					
		8/16/2005	8/16/2005	11/30/04	11/30/04	11/30/04	11/30/04	11/30/04	11/30/04	8/16/2005	11/30/04					
Total Metals		milligrams per kilogram (mg/Kg) -or- parts per million (ppm)											S-1	GW-1	GW-2	GW-3
ARSENIC	07440-38-2	1.3	1.3	**<29.0**	**<29.0**	NT	NT	NT	**<29.0**	3.2	**<29.0**	9.79	30	30	30	30
BARIUM	07440-39-3	8.6	14	37.7	83.4	NT	NT	NT	248	42	69.0	NS	1,000	1,000	1,000	1,000
CHROMIUM	07440-47-3	3.6	3.3	<6.90	<17.9	NT	NT	NT	30.7	3.5	<6.90	43.4	1,000	1,000	1,000	1,000
COPPER	07440-50-8	NT	NT	18.6	13.1	NT	NT	NT	**343**	NT	20.3	31.6	1,000	NS	NS	NS
LEAD	07439-92-1	4.9	8.9	**44.7**	**41.7**	**221**	<8.76	14.7	***775***	**120**	**36.2**	35.8	300	300	300	300
MERCURY	07439-97-6	<0.11	<0.13	**0.243**	**0.922**	NT	NT	NT	**1.40**	<0.48	**1.45**	0.180	20	20	20	20
NICKEL	07440-02-0	2.7	3.6	NT	NT	NT	NT	NT	NT	<5.8	NT	22.7	300	300	300	300
SILVER	07440-22-4	<0.54	<0.66	<1.00	<1.00	NT	NT	NT	2.66	<2.3	<1.00	NS	100	100	100	100
VANADIUM	07440-62-2	5.8	5.3	NT	NT	NT	NT	NT	NT	24	NT	NS	400	400	400	400
ZINC	07440-66-6	11	33	NT	NT	NT	NT	NT	NT	**260**	NT	121	2,500	2,500	2,500	2,500
Antimony, Beryllium, and Thallium	-	ND	ND	NT	NT	NT	NT	NT	NT	ND	NT	-	-	-	-	-
Cadmium and Selenium	-	ND	ND	ND	ND	NT	NT	NT	ND	ND	ND	-	-	-	-	-
Total Cyanide	00057-12-5	NT	NT	<0.0507	<0.0507	NT	NT	NT	<0.0507	NT	<0.0507	NS	100	100	100	100
Extractable Petroleum Hydrocarbons (EPHs)		milligrams per kilogram (mg/Kg) -or- parts per million (ppm)														
Phenanthrene	00085-01-8	NT	NT	<0.05	<0.05	<0.05	<0.05	<0.05	**0.486**	NT	<0.05	0.204	100	700	1,000	100
Fluoranthene	00206-44-0	NT	NT	<0.2	<0.2	<0.2	<0.2	**1.39**	**0.581**	NT	<0.2	0.423	1,000	1,000	1,000	1,000
Pyrene	00129-00-0	NT	NT	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**1.69**	**0.467**	NT	**<0.2**	0.195	700	700	700	700
Benz[a]Anthracene	00056-55-3	NT	NT	<0.1	<0.1	<0.1	<0.1	***2.12***	***1.28***	NT	<0.1	0.108	0.7	0.7	0.7	0.7
Chrysene	00218-01-9	NT	NT	<0.1	<0.1	<0.1	<0.1	**1.91**	**1.00**	NT	<0.1	0.166	7	7	7	7
C9-C18 Aliphatic Hydrocarbons[1]		NT	NT	<10	<10	<10	<10	<10	<10	NT	19.4	NS	1,000	1,000	1,000	1,000
C19-C36 Aliphatic Hydrocarbons[1]		NT	NT	<10	<10	<10	<10	78.2	65.4	NT	132	NS	2,500	2,500	2,500	2,500
C11-C22 Aromatic Hydrocarbons[1,2]		NT	NT	<10	<10	<10	<10	33.2	56.7	NT	60.5	NS	200	200	800	800
Pesticides: EPA Method 8081A		micrograms per kilogram (ug/Kg) -or- parts per billion (ppb)														
4,4-DDD	00072-54-8	NT	NT	<3	**19.1**	<3	<3	<3	**60.3**	**<98**	<3	4.88	2,000	2,000	2,000	2,000
4,4-DDE	00072-55-9	NT	NT	<3	**14.3**	**10.4**	<3	<3	**19.1**	**<98**	<3	3.16	2,000	2,000	2,000	2,000
4,4-DDT	00050-29-3	NT	NT	<3	<3	<3	<3	<3	**36.5**	**<98**	<3	4.16	2,000	2,000	2,000	2,000
DIELDRIN	00060-57-1	NT	NT	**<3**	**<3**	**10.4**	**<3**	**<3**	**<3**	**<98**	**<3**	1.9	30	30	30	30
HEXACHLOROBENZENE		NT	NT	<3	19.1	<3	9.52	<3	<3	<392	<3	NS	30,000	100,000	100,000	30,000
Polychlorinated Biphenyls (PCBs): EPA Method 8082 Arochlor		micrograms per kilogram (ug/Kg) -or- parts per billion (ppb)														
Arochlor 1260	11096-82-5	NT	NT	**291**	<15	NT	NT	NT	**490**	**<196**	<15	59.8*	2,000*	2,000*	2,000*	2,000*
Semivolatile Organic Compounds (SVOCs): MCP 8270C		NT	NT	NT	NT	NT	NT	NT	NT	ND	NT	-	-	-	-	-
Volatile Organic Compounds (VOCs): EPA Method 8260B GC/MS		ND	ND	ND	ND	NT	NT	NT	ND	NT	ND	-	-	-	-	-

Notes & Abbreviations:

MADEP TEC values taken from *Freshwater Sediment Screening Benchmarks for Use Under the Massachusetts Contingency Plan* guidance document

Values with the < Symbol before it are less than the Laboratory Reporting Limits and were not detected in the sample.

BOLD = above applicable MADEP TEC value

ITALLIC = above applicable cleanup standards

NS = no standard

NT = not tested

ND = values were below the laboratory detection limit

* PCB standards are based on cumulative standards for all arochlor compounds