

Table 4
Blue Mussel Tissue Concentrations
Outfall 009 Sediment Remediation
Maine Yankee Decommissioning Project

Compound (ug/kg)	Pre-Remediation (2001)		Post-Remediation (2004)	
	MY06BM06	MYRSBM01-03	MY06BM416	MYRSBM401
	Outfall 9 Area	Reference Area	Outfall 9 Area	Reference Area
Acenaphthene	1.1	3.6 U	3.1 U	3.4 U
Acenaphthylene	0.28	0.6	3.1 U	3.4 U
Anthracene	2.4	0.56	3.1 U	3.4 U
Benzo(a)anthracene	6.7	2.6	3.1 U	3.5
Benzo(a)pyrene	6	1.7	3.1 U	3.7
Benzo(b)fluoranthene	9.5	5.2	3.1 U	5.4
Benzo(g,h,i)perylene	4.2	3.6 U	3.1 U	3.5
Benzo(k)fluoranthene	3.2	1.6	3.1 U	4.1
Chrysene	8.5	4	3.1 U	5
Dibenz(a,h)anthracene	0.7	0.27	3.1 U	3.4 U
Fluoranthene	18	6	4	6
Fluorene	1.2	3.6 U	3.1 U	3.4 U
Indeno(1,2,3-cd)pyrene	4.2	1.5	3.1 U	3.4 U
Naphthalene	3.6 U	3.6 U	3.1 U	3.4 U
Phenanthrene	11	3.6 U	3.1 U	3.4 U
Pyrene	15	7.8	3.8	6.4
Total PAHs*	93.8	40.8	29.5	51.2
Percent Lipids	0.8	1.6	1.5	1.4

U = Not Detected

* one-half of detection limit used for compounds not detected.