

**APPENDIX B-4. SOIL AND SEDIMENT REMOVAL QUANTITIES**

SOIL EXCAVATION QUANTITIES	Site-Wide Alternative 1			Site-Wide Alternative 2			Site-Wide Alternative 3			Site-Wide Alternative 4-1			Site-Wide Alternative 4-2			Site-Wide Alternative 4-3			Site-Wide Alternative 5			
	Non-Hazardous (CY)	Hazardous [1] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [1] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [1] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [1] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [1] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [1] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [1] (CY)	TOTAL (CY)	
5/7/2009																						
Upper North Area [3]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26,807	0	26,807	
Potential Greenway Area	0	0	0	0	0	0	0	0	0	0	0	0	656	0	656	1,020	0	1,020	1,020	0	1,020	
Southern Conservation Commission Area	0	0	0	0	0	0	0	0	0	0	0	0	4,134	1,097	5,231	4,382	2,594	6,976	11,844	6,683	18,527	
Cold Waste Area	0	0	0	115	940	1,054	115	940	1,054	115	940	1,054	115	940	1,054	115	940	1,054	115	940	1,054	
Southern Disposal Area	0	0	0	0	0	0	0	726	726	1,617	5,031	6,648	1,617	5,031	6,648	1,617	5,031	6,648	2,489	5,031	7,520	
Marsh Upland Area	0	0	0	0	0	0	18	307	325	1,386	490	1,876	1,386	490	1,876	1,386	490	1,876	1,577	490	2,067	
Floodplain Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>115</b>	<b>940</b>	<b>1,054</b>	<b>133</b>	<b>1,973</b>	<b>2,105</b>	<b>3,118</b>	<b>6,461</b>	<b>9,578</b>	<b>7,908</b>	<b>7,558</b>	<b>15,465</b>	<b>8,520</b>	<b>9,055</b>	<b>17,574</b>	<b>43,852</b>	<b>13,144</b>	<b>56,995</b>	
	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	

SEDIMENT REMOVAL QUANTITIES	Site-Wide Alternative 1			Site-Wide Alternative 2			Site-Wide Alternative 3			Site-Wide Alternative 4-1			Site-Wide Alternative 4-2			Site-Wide Alternative 4-3			Site-Wide Alternative 5			
	Non-Hazardous (CY)	Hazardous [2] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [2] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [2] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [2] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [2] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [2] (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous [2] (CY)	TOTAL (CY)	
5/7/2009																						
Eastern Channel Corridor	0	0	0	2,320	209	2,529	2,320	209	2,529	2,320	209	2,529	2,320	209	2,529	2,320	209	2,529	2,320	209	2,529	
Upper Drinkwater River Corridor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lower Drinkwater River Corridor	0	0	0	0	0	0	733	0	733	733	0	733	733	0	733	733	0	733	8,914	0	8,914	
Lily Pond/Upper Factory Pond	0	0	0	0	0	0	16,839	0	16,839	16,839	0	16,839	16,839	0	16,839	16,839	0	16,839	99,004	0	99,004	
Middle/Lower Factory Pond	0	0	0	0	0	0	3,976	0	3,976	3,976	0	3,976	3,976	0	3,976	4,586	0	4,586	89,889	0	89,889	
Marsh Upland Area	0	0	0	0	0	0	0	410	410	0	410	410	0	410	410	0	410	410	4,168	546	4,714	
<b>Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,320</b>	<b>209</b>	<b>2,529</b>	<b>23,868</b>	<b>619</b>	<b>24,487</b>	<b>23,868</b>	<b>619</b>	<b>24,487</b>	<b>23,868</b>	<b>619</b>	<b>24,487</b>	<b>24,478</b>	<b>619</b>	<b>25,097</b>	<b>204,295</b>	<b>755</b>	<b>205,050</b>	
	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	Non-Hazardous	Hazardous	TOTAL	

TOTAL SOIL & SEDIMENT REMOVAL QUANTITIES	Site-Wide Alternative 1			Site-Wide Alternative 2			Site-Wide Alternative 3			Site-Wide Alternative 4-1			Site-Wide Alternative 4-2			Site-Wide Alternative 4-3			Site-Wide Alternative 5			
	Non-Hazardous (CY)	Hazardous (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous (CY)	TOTAL (CY)	Non-Hazardous (CY)	Hazardous (CY)	TOTAL (CY)	
5/7/2009																						
<b>TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,435</b>	<b>1,149</b>	<b>3,583</b>	<b>24,001</b>	<b>2,592</b>	<b>26,592</b>	<b>26,986</b>	<b>7,080</b>	<b>34,065</b>	<b>31,776</b>	<b>8,177</b>	<b>39,952</b>	<b>32,998</b>	<b>9,674</b>	<b>42,671</b>	<b>248,147</b>	<b>13,899</b>	<b>262,045</b>	

NOTES:  
 [1] Soil is assumed to be characteristically hazardous with respect to leachability if the total concentrations in soil of Hg>300 mg/kg, Pb>1000 mg/kg, or Ba>5000 mg/kg  
 [2] Sediment in SMU 3 and in MUA-2 is assumed to be characteristically hazardous with respect to leachability of Hg  
 [3] Bank soil along the Eastern Channel Corridor that must be removed to address the upper concentration limit exceedance is reflected in the Eastern Channel Corridor quantities.