

APPENDIX B-4

UPPER NORTH AREA							Hg>300 mg/kg Pb>1000 mg/kg Ba>5000 mg/kg		
ELIMINATING UCL EXCEEDANCES									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	CY			
NSR01	UCL Exceedance	22,194	1	22,194	822.0		0		
[NSR01 being addressed with the ECC]		Total		Total	822.0	CY	HW Total	0.0	CY
		Acres	0.510				HW %	0.00%	
ELIMINATING PRG EXCEEDANCES									
Polygon									
No HH CW Exceedances / Eco and HH Recreational not applicable				Total	0	CY	HW Total	0.0	CY
							HW %	0.00%	
APPROACHING BACKGROUND									
Soil Alternative UNA-3									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)				
NA-SS5	Approaching Background	16,520	1	16,520	611.8		0		
NA-SS9	Approaching Background	21,513	6	129,080	4780.8		0		
NLAB0301	Approaching Background	19,454	2	38,908	1441.0		0		
NSR01	Approaching Background	22,194	1	22,194	822.0		0		
NSR02	Approaching Background	28,849	1	28,849	1068.5		0		
NSR03	Approaching Background	30,293	1	30,293	1122.0		0		
UNA02	Approaching Background	76,326	6	457,954	16961.3		0		
		Total		Total	26,807.3	CY	HW Total	0.0	CY
		Acres	4.939				HW %	0.00%	

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POTENTIAL GREENWAY AREA							Hg>300 mg/kg Pb>1000 mg/kg		
ELIMINATING UCL EXCEEDANCES									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)				
No UCL Exceedances / No Removal Required							HW Total	0.0	CY
							HW %	0.00%	
ELIMINATING PRG EXCEEDANCES									
(Mercury Only)									
Soil Alternative PGA-3									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)				
PGA02	PRG: Eco	7,723	1	7723	286.0			0	
PGA03	PRG: Eco	10,000	1	10000	370.4			0	
Total		17,723		Total	656.4	CY	HW Total	0.0	CY
Acres		0.407					HW %	0.00%	
ELIMINATING PRG EXCEEDANCES									
Soil Alternative PGA-4									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)				
CSED03	PRG: Eco	9,810	1	9810.157	363.3			0	
PGA02	PRG: Eco	7,723	1	7723	286.0			0	
PGA03	PRG: Eco	10,000	1	10000	370.4			0	
Total		27,533		Total	1,019.7	CY	HW Total	0.0	CY
Acres		0.632					HW %	0.00%	
APPROACHING BACKGROUND									
Soil Alternative PGA-4									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)				
CSED03	PRG: Eco	9,810	1	9810.157	363.3			0	
PGA02	PRG: Eco	7,723	1	7723	286.0			0	
PGA03	PRG: Eco	10,000	1	10000	370.4			0	
Total		27,533		Total	1,019.7	CY	HW Total	0.0	CY
Acres		0.632					HW %	0.00%	

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COLD WASTE AREA						
ELIMINATING UCL EXCEEDANCES						
	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Ba>5000 mg/kg
SCWD01	UCL Exceedance	2,316	3	6948.384	257.3	257.3
	Total	2,316		Total	257.3	CY
	Acres	0.053				
ELIMINATING PRG EXCEEDANCES						
Soil Alternative CWA-3						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Ba>5000 mg/kg
CWA-NW	HH PRGs, -, -	2,228	3	6685.47	247.6	247.6
CWA-SW	ECO PRGs, -, -	707	1	706.6	26.2	26.2
CWA-SE	ECO PRGs, -, -	3,092	1	3091.88	114.5	0
CWA-NE	HH PRGs, -, -	3,677	3	11032.44	408.6	408.6
SCWD01	HH PRGs, -, -	2,316	3	6948.384	257.3	257.3
	Total	12,021		Total	1,054.3	CY
	Acres	0.276				
APPROACHING BACKGROUND						
Soil Alternative CWA-3						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Ba>5000 mg/kg
CWA-NW	Approaching Background	2,228	3	6685.47	247.6	247.6
CWA-SE	ECO PRGs, -, -	3,092	1	3091.88	114.5	0
CWA-SW	Approaching Background	707	1	706.6	26.2	26.2
CWA-NE	Approaching Background	3,677	3	11032.44	408.6	408.6
SCWD01	Approaching Background	2,316	3	6948.384	257.3	257.3
	Total	12,021		Total	1,054.3	CY
	Acres	0.276				
						HW Total 939.7 CY
						HW % 89.14%

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MARSH UPLAND AREA						
ELIMINATING UCL EXCEEDANCES						
Soil Alternative MUA-3 / MUGW-3						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Hg>300 mg/kg
DPAL14	UCL Exceedance	238	2	476	17.6	0
DPWL4	UCL Exceedance	278	3	834.4	30.9	30.9
MUA-COMP1	UCL Exceedance	52	5	260	9.6	9.6
SDP02	UCL Exceedance	182	6	1092	40.4	40.4
SDP03	UCL Exceedance	662	1	662	24.5	24.5
SDP05	UCL Exceedance	71	1	71	2.6	2.6
SDP10	UCL Exceedance	798	6	4788	177.3	177.3
SDP11	UCL Exceedance	602	1	602	22.3	22.3
		Total		Total	325.4	CY
		Acres	0.066			
						HW Total 307.8
						HW % 94.58%
ELIMINATING PRG EXCEEDANCES						
Soil Alternative MUA-4						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Hg>300 mg/kg
DPAL14	PRG: Eco and HH CW	238	2	476	17.6	0
DPAL15	PRG: Eco	2,699	1	2699	100.0	0
DPAL16	PRG: Eco	2,447	1	2447	90.6	0
DPAL6/BL6	PRG: Eco and HH CW	734	6	4404	163.1	0
DPAL9	PRG: Eco and HH CW	3,266	4	13064	483.9	0
DPBL12	PRG: Eco and HH CW	2,442	4	9768	361.8	0
DPWL4	PRG: Eco and HH CW	278	4	1112.54	41.2	41.2
MUA-COMP1	PRG: Eco and HH CW	52	6	312	11.6	11.6
MUA-COMP2	PRG: Eco and HH CW	276	3	828	30.7	0
SDP01	PRG: Eco	198	2	396	14.7	0
SDP02	PRG: Eco and HH CW	182	6	1092	40.4	40.4
SDP03	PRG: Eco and HH CW	662	6	3972	147.1	147.1
SDP05	PRG: Eco	71	2	142	5.3	5.3
SDP06	PRG: Eco	320	2	641	23.7	0
SDP08/09	PRG: Eco and HH CW	378	6	2268	84.0	0
SDP10	PRG: Eco and HH CW	798	6	4788	177.3	177.3
SDP11	PRG: Eco and HH CW	602	3	1806	66.9	66.9
SDP12	PRG: Eco and HH CW	145	3	435	16.1	0
		Total		Total	1,875.9	CY
		Acres	0.362			
						HW Total 489.8
						HW % 26.11%
APPROACHING BACKGROUND						
Soil Alternative MUA-5						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Hg>300 mg/kg
DPAL14	PRG: Eco and HH CW	238	2	476	17.6	0
DPAL15	Approaching Background	2,699	2	5398	199.9	0
DPAL16	Approaching Background	2,447	2	4894	181.3	0
DPAL6/BL6	PRG: Eco and HH CW	734	6	4404	163.1	0
DPAL9	PRG: Eco and HH CW	3,266	4	13064	483.9	0
DPBL12	PRG: Eco and HH CW	2,442	4	9768	361.8	0
DPWL4	PRG: Eco and HH CW	278	4	1112.54	41.2	41.2
MUA-COMP1	PRG: Eco and HH CW	52	6	312	11.6	11.6
MUA-COMP2	PRG: Eco and HH CW	276	3	828	30.7	0
SDP01	PRG: Eco	198	2	396	14.7	0
SDP02	PRG: Eco and HH CW	182	6	1092	40.4	40.4
SDP03	PRG: Eco and HH CW	662	6	3972	147.1	147.1
SDP05	PRG: Eco	71	2	142	5.3	5.3
SDP06	Approaching Background	320	2	641	23.7	0
SDP08/09	PRG: Eco and HH CW	378	6	2268	84.0	0
SDP10	PRG: Eco and HH CW	798	6	4788	177.3	177.3
SDP11	PRG: Eco and HH CW	602	3	1806	66.9	66.9
SSDP12	PRG: Eco and HH CW	145	3	435	16.1	0
		Total		Total	2,066.5	CY
		Acres	0.362			
						HW Total 489.8
						HW % 23.70%
GROUNDWATER						
MUGW-4						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Hg>300 mg/kg
DPAL14	PRG: Eco and HH CW	238	2	476	17.6	0
DPAL15	PRG: Eco	2,699	6	16194	599.8	0
DPAL16	PRG: Eco	2,447	3	7341	271.9	0
DPAL6/BL6	PRG: Eco and HH CW	734	6	4404	163.1	0
DPAL9	PRG: Eco and HH CW	3,266	6	19596	725.8	0
DPBL12	PRG: Eco and HH CW	2,442	4	9768	361.8	0
DPWL4	PRG: Eco and HH CW	278	4	1112.54	41.2	41.2
MUA-COMP1	PRG: Eco and HH CW	52	6	312	11.6	11.6
MUA-COMP2	PRG: Eco and HH CW	276	3	828	30.7	0
SDP02	PRG: Eco and HH CW	182	6	1092	40.4	40.4
SDP03	PRG: Eco and HH CW	662	6	3972	147.1	147.1
SDP05	PRG: Eco	71	2	142	5.3	5.3
SDP06	PRG: Eco	320	2	641	23.7	0
SDP08/09	PRG: Eco and HH CW	378	6	2268	84.0	0
SDP10	PRG: Eco and HH CW	798	6	4788	177.3	177.3
SDP11	PRG: Eco and HH CW	602	3	1806	66.9	66.9
SDP12	PRG: Eco and HH CW	145	3	435	16.1	0
		Total		Total	2,784.3	CY
		Acres	0.358			
						HW Total 489.8
						HW % 17.59%

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SOUTHERN CONSERVATION COMMISSION AREA									
ELIMINATING UCL EXCEEDANCES							Ba>5000 mg/kg		
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)		HW Total	0.0	CY
No UCL Exceedances / No Removal Required							HW %	0.00%	
ELIMINATING PRG EXCEEDANCES							Ba>5000 mg/kg		
(Lead and Mercury Only)									
Soil Alternative SCCA-3									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)		Ba>5000 mg/kg		
SCCA07	PRG: Eco	56,010	1	56010	2074.4		0		
SCCA14	PRG: Eco	29,138	1	29138	1079.2		0		
SFPDA16	PRG: Eco	29,628	1	29628	1097.3		1097.3		
SFPDA13	PRG: Eco	26,476	1	26476	980.6		0		
Total		141,252		Total	5,231.5	CY	HW Total	1,097.3	CY
Acres		3.243					HW %	20.98%	
ELIMINATING PRG EXCEEDANCES							Ba>5000 mg/kg		
Soil Alternative SCCA-4									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)		Ba>5000 mg/kg		
SCCA07	PRG: Eco	56,010	1	56010	2074.4		0		
SCCA14	PRG: Eco	29,138	1	29138	1079.2		0		
SFPDA16	PRG: Eco	29,628	1	29628	1097.3		1097.3		
STRA013	PRG: Eco	6,692	1	6692	247.9		0		
STS01	PRG: Eco	40,397	1	40397	1496.2		1496.2		
SFPDA13	PRG: Eco	26,476	1	26476	980.6		0		
Total		188,341		Total	6,975.6	CY	HW Total	2,593.5	CY
Acres		4.324					HW %	37.18%	
APPROACHING BACKGROUND							Ba>5000 mg/kg		
Soil Alternative SCCA-5									
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)		Ba>5000 mg/kg		
SCCA01	Approaching Background	31,556	1	31556	1168.7		0		
SCCA07	Approaching Background	56,010	1	56010	2074.4		0		
SCCA14	PRG: Eco	29,138	1	29138	1079.2		0		
SFPDA13	Approaching Background	26,476	2	52951	1961.2		0		
SFPDA16	Approaching Background	29,628	2	59256	2194.7		2194.7		
STRA013	Approaching Background	6,692	3	20076	743.6		0		
STS01	Approaching Background	40,397	3	121191	4488.6		4488.6		
WBBL11	Approaching Background	27,299	3	81897	3033.2		0		
SCCA04	Approaching Background	48,152	1	48152	1783.4		0		
Total		295,347		Total	18,526.9	CY	HW Total	6,683.2	CY
Acres		6.780					HW %	36.07%	

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SOUTHERN DISPOSAL AREA						
ELIMINATING UCL EXCEEDANCES						
Soil Alternative SDA-3 / SDGW-3						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Pb>1000 mg/kg
SA-SS8	UCL Exceedance	3,379	2	6757.8	250.3	250.3
SWBP05	UCL Exceedance	5,344	2	10687	395.8	395.8
SWBP11	UCL Exceedance	716	3	2148.18	79.6	79.6
	Total	9,438		Total	725.7	CY
	Acres	0.217				HW Total 725.7 CY
						HW % 100.00%
ELIMINATING PRG EXCEEDANCES						
Soil Alternative SDA-4						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Pb>1000 mg/kg
SA-SS2	PRG: Eco	3,267	1	3266.79	121.0	0
SA-SS3	PRG: Eco	5,431	1	5431.46	201.2	0
SA-SS8	PRG: Eco, HH REC and CW	3,379	6	20273.64	750.9	750.9
SA-SS10	PRG: HH CW	2,917	6	17500.8	648.2	0
SDA-COMP1	PRG: Eco, HH REC and CW	1,948	6	11685.96	432.8	432.8
SDA-COMP2	PRG: Eco, HH REC and CW	4,559	6	27354.6	1013.1	1013.1
SFPDA02	PRG: HH REC and CW	5,422	6	32529.9	1204.8	1204.8
SWBP05	PRG: Eco, HH REC and CW	5,344	6	32061.18	1187.5	1187.5
SWBP08	PRG: Eco	2,633	1	2632.75	97.5	0
SWBP11	PRG: Eco, HH REC and CW	716	6	4296.36	159.1	159.1
SWBP17	PRG: Eco	1,702	1	1702.26	63.0	0
WBAL12	PRG: Eco, HH REC and CW	1,274	6	7641.24	283.0	283.0
WBBL9	PRG: HH REC and CW	2,184	6	13105.98	485.4	0
	Total	40,775		Total	6,647.5	CY
	Acres	0.936				HW Total 5,031.2 CY
						HW % 75.69%
APPROACHING BACKGROUND						
Soil Alternative SDA-5						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Pb>1000 mg/kg
SA-SS2	PRG: Eco	3,267	1	3266.79	121.0	0
SA-SS3	PRG: Eco	5,431	1	5431.46	201.2	0
SA-SS4	Approaching Background	929	3	2786.73	103.2	0
SA-SS7	Approaching Background	1,429	3	4288.35	158.8	0
SA-SS8	PRG: Eco, HH REC and CW	3,379	6	20273.64	750.9	750.9
SA-SS10	PRG: HH CW	2,917	6	17500.8	648.2	0
SDA-COMP1	PRG: Eco, HH REC and CW	1,948	6	11685.96	432.8	432.8
SDA-COMP2	PRG: Eco, HH REC and CW	4,559	6	27354.6	1013.1	1013.1
SFPDA02	PRG: HH REC and CW	5,422	6	32529.9	1204.8	1204.8
SWBP05	PRG: Eco, HH REC and CW	5,344	6	32061.18	1187.5	1187.5
SWBP08	PRG: Eco	2,633	1	2632.75	97.5	0
SWBP09	Approaching Background	2,747	6	16484.88	610.6	0
SWBP11	PRG: Eco, HH REC and CW	716	6	4296.36	159.1	159.1
SWBP17	PRG: Eco	1,702	1	1702.26	63.0	0
WBAL12	PRG: Eco, HH REC and CW	1,274	6	7641.24	283.0	283.0
WBBL9	PRG: HH REC and CW	2,184	6	13105.98	485.4	0
	Total	45,881		Total	7,520.1	CY
	Acres	1.053				HW Total 5,031.2 CY
						HW % 66.90%
GROUNDWATER						
SDGW-4						
Polygon	Justification(s)	Area (SF)	Depth (ft)	Volume (CF)	Volume (CY)	Pb>1000 mg/kg
SA-SS2	PRG: Eco	3,267	1	3266.79	121.0	0
SA-SS3	PRG: Eco	5,431	1	5431.46	201.2	0
SA-SS4	PRG: Eco	929	6	5573.46	206.4	0
SA-SS7	PRG: Eco	1,429	2	2858.898	105.9	0
SA-SS8	PRG: Eco, HH REC and CW	3,379	6	20273.64	750.9	750.9
SDA-COMP1	PRG: Eco, HH REC and CW	1,948	6	11685.96	432.8	432.8
SDA-COMP2	PRG: Eco, HH REC and CW	4,559	6	27354.6	1013.1	1013.1
SFPDA02	PRG: HH REC and CW	5,422	6	32529.9	1204.8	1204.8
SWBP05	PRG: Eco, HH REC and CW	5,344	6	32061.18	1187.5	1187.5
SWBP11	PRG: Eco, HH REC and CW	716	6	4296.36	159.1	159.1
WBAL12	PRG: Eco, HH REC and CW	1,274	6	7641.24	283.0	283.0
WBBL9	PRG: HH REC and CW	2,184	6	13105.98	485.4	0
	Total	35,881		Total	6,151.1	CY
	Acres	0.824				HW Total 5,031.2 CY
						HW % 81.79%