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-5712

TABLE 2. Soil Results Exceeding Screening Criteria: AOC #1 and AOC #2

Sample #	Sb	As	Be	Cu	Pb	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3cd)pyrene
AOC #1												
ALBSO-002-001E		28	0.42		937	5.3	5.1	5.4			0.67	1.9
ALBSO-003-001			0.53		1040		0.31					
ALBSO-003-005			0.37			29	28	35	21		2.3	8.5
ALBSO-001-001			0.8				0.15					
ALBSO-001-005			0.71									
ALBSO-002-005E			0.65				0.79					
ALBSO-004-001			1.2				0.29					
ALBSO-004-005			0.39				0.36					
ALBSO-005-001			1.1				0.23					
ALBSO-005-005			0.79				0.2					
ALBSO-006-001			1.1				0.49					
ALBSO-006-005			1.1				0.15					
ALBSO-007-001			0.51									
ALBSO-007-005			0.73				0.2					
AOC #2												
ALBSO-009-005		27	0.85									
ALBSO-010-005		49	0.68				0.15					
ALBSO-011-005		39	0.68			0.88	0.88				0.13	
ALBSO-009-001			0.55				0.26					
ALBSO-010-001			0.76				0.3					
ALBSO-011-001			0.73				0.48					
ALBSO-008-001			1.1				0.44					
ALBSO-008-005			0.83				0.19					
EPA III RBC (c)		n/a	0.15			0.88	0.088	0.88	8.8	88	0.088	0.88
Risk Range		n/a	.15-15			.88-88	.088-8.8	.88-88	8.8-880	88-8800	.088-8.8	.88-88
EPA III RBC (nc)	31	23		2900								
IEUBK Model					400							

Biological uptake model for Pb

Concentration units are mg/kg.

(c) - carcinogenic

(nc) - noncarcinogenic

Risk

TABLE 3. Soil Results Exceeding Screening Criteria: AOC #3

TOTALS ?

Sample #	Sb	As	Be	Cu	Pb	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3cd)pyrene
AOC #3												
ALBSO-013-001			1.0		1020		0.68					
ALBSO-013-005		28	0.51		2670		0.62					
ALBSO-015-001		27	0.76		835		0.72				0.10	
ALBSO-015-005		51	0.89	2830	1730		0.32					
ALBSO-015-010			0.87				0.43					
ALBSO-015-015			1.3		940	1.4	1.2	1.2				
ALBSO-015-020		57	4.1		1590							
ALBSO-015-025		39	1.6		2030							
ALBSO-015-030			2.6		896							
ALBSO-015-035		36	3.8		2610							
ALBSO-016-001			1.1		1000	1.4	1.4	1.4			0.20	
ALBSO-016-005			0.84		1300	4.8	4.1	4.3			0.43	1.7
ALBSO-017-001		25	0.43		1290							
ALBSO-017-005			0.51		1350	1.5	1.4	1.8			0.16	
ALBSO-018-001			0.77				0.15					
ALBSO-018-005			0.62		1710		0.33					
ALBSO-019-001			0.23		509	1.5	1.4	1.6			0.15	
ALBSO-019-005			0.57				0.44					
ALBSO-020-001			1.3				0.26					
ALBSO-021-001			1.1				0.43					
ALBSO-021-005			0.86				0.88	1.0			0.16	
ALBSO-020-005			1.4									
ALBSO-012-001			0.46									
ALBSO-012-005			0.18									
EPA III RBC (c)		n/a	0.15			0.88	0.088	0.88	8.8	88	0.088	0.88
Risk Range		n/a	.15-15			.88-88	.088-8.8	.88-88	8.8-880	88-8800	.088-8.8	.88-88
EPA III RBC (nc)	31	23		2900								
IEUBK Model					400							

Concentration units are mg/kg.
(c) - carcinogenic
(nc) - noncarcinogenic

1 foot - slab

Carbolly

Vst

Q: ARE THESE SURFACE / SUBSURFACE ?

SAMPLING TECHNICS

LABS VS. COMPOSITES

NEW ALBANY DUMP ?

QA/QC

TABLE 8. Soil Results Exceeding Screening Criteria: AOC #6C

Sample #	Sb	As	Be	Cu	Pb	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3cd)pyrene
AOC #6C												
CLKSO-066-001			0.87			0.9	1.3	1.3			0.22	
CLKSO-066-005			0.78			1.0	1.2	1.0			0.16	
CLKSO-067-001			1.1				0.19					
CLKSO-067-005			1.2									
CLKSO-068-001			0.46			1.4	1.4	1.6			0.14	
CLKSO-068-005			0.5			0.88	1.2	1.4			0.11	
CLKSO-069-001		63	0.89		2800		0.34					
CLKSO-069-005		35	0.4		890		0.14					
JEFSO-070-001			0.5									
JEFSO-070-005			0.43									
JEFSO-071-001			0.76				0.2					
JEFSO-071-005			0.16									
JEFSO-072-001			0.23				0.69				0.09	
JEFSO-072-005			0.5				0.78	0.93			0.095	
JEFSO-073-001			0.85				0.52					
JEFSO-073-005			1.1				0.41					
JEFSO-074-001			0.33				0.18					
JEFSO-074-005			0.47				0.14					
JEFSO-079-001			2.7			1.5	2.3	2.5			0.28	1.2
JEFSO-079-005		26	1.9				0.57					
JEFSO-080-001			1.0		489		0.51					
JEFSO-080-005			0.72				0.69					
EPA III RBC (c)		n/a	0.15			0.88	0.088	0.88	8.8	88	0.088	0.88
Risk Range		n/a	15-15			.88-88	.088-8.8	.88-88	8.8-880	88-8800	.088-8.8	.88-88
EPA III RBC (nc)	31	23		2900								
IEUBK Model					400							

Concentration units are mg/kg.
(c) - carcinogenic
(nc) - noncarcinogenic

400 PPM = IDEM Action Level