Ref: Ventron/Velsicol PRP Response to Comments
Jan. 13, 2003

Exponent

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MESSAGE AND ATTACHMENTS:

Attached you will find the original table (Table 16) that is Table B-1 of the BITM. The first page of the table was accidentally omitted when the BITM was originally produced. For your information, I've also included Table 6 from JMA 1977 which I referenced in my response to comment 7. Let me know if you need anything else.

Betsy

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Original table that was presented in Table B-1 of the BITM

New Jersey Testing

Table 16. Concentrations (levels) of mercury in samples of soil collected during September 1974 from the property owned by Wolf Realty (WV-19). The locations of the sites are plotted on Figure 7. Codes for depths are defined in a footnote at the end of the table. Data are expressed as parts per million (ppm).

Site	Depth	Level
B-1	A	19,000
	B	88,350
	C	19,000
B-2	0	16,530
	1	8,930
	2	1,900
B-3	2	6,270
B-4	0	7,600
	1	1,520
	2	2,850
C-1	1	5,510
	2	3,040
C-2	1	7,880
	2	3,040
C-3	1	6,080
	3	5,890
C-4	0	19,000
	1	3,040
	2	1,900
C-5	G	2,470
D-1	0	3,000
	1	1,330
	2	1,330
D-2	0	14,250
	1	5,700
	2	5,130
D-3	0	4,750
	1	4,560
	2	1,330
D-4	0	1,520
	1	17,480
	2	2,280
D-5	0	22,800
	1	7,220
E-1	0	2,140
	1	7,980
	2	4,750
E-2	1	3,420
	2	7,980
E-3	0	48,450
	1	10,830
	2	2,470
E-4	0	4,750
	1	23,750
	2	6,270
E-5	0	54,150
	1	47,500
	2	7,600
F-1	0	99,750
	1	2,470
	2	1,900
F-2	0	4,750
	1	1,900
	2	1,900
F-3	D	3,990
	E	1,610
	F	6,360
F-4	0	780
	1	80
	2	3,230
F-5	0	17,100
	1	113,050
	2	142,500

Table 16. Concentrations (levels) of mercury in samples of soil collected during September 1974 from the property owned by Wolf Realty (continued).

Site	Depth	Level	Site	Depth	Level
G-1	0	3,800	H-3	0	90
	1	1,430		1	50
	2	2,850		2	1,520
G-2	0	1,000	H-4	0	70
	1	950		1	70
	2	3,230		2	30
G-3	0	37,260	H-5	0	7,560
	1	19,000		1	9,500
	2	1,630		2	10,830
G-4	0	3,040			
	1	11,020	MEAN		12,800
	2	1,440			
			MAXIMUM		142,500
G-5	0	1,620			
	1	72,920			
	2	24,130			
H-1	0	1,800			
	1	1,520			
	2	2,850			
H-2	0	2,470			
	1	14,250			
	2	1,520			

[a]Codes for depths are: 0, surface or 6 or 8 inches to 12 inches in depth. 2, from 1 to 2 feet in depth; 2, from 2 to 3 feet in depth; A, 0.75 to 1.75 feet; B, 1.75 to 2.75 feet; C, 2.75 to 3.0 feet; D, 0.5 to 1.5 feet; E, 1.5 to 2.5 feet; F, 2.5 to 3.0 feet; G, collected by a backhoe, depth not specified

JMA 1977

Table 6. Concentrations of mercury, arsenic, lead, nickel, zinc, and cadmium in samples of soil collected at Stations 1S through 23S during the period from 15 through 21 June 1977 (units are mg/kg, or ppm, dry weight basis).

Station No.	Depth (in.)	Hg	As	Pb	Ni	Zn	Cd
1S - offsite	0-6	4.8	6	92	7.8	59	1.4
	6-12	1.9	11	5,710	16.4	118	1.3
2S offsite	0-6	6.4	8	184	20	121	2.1
	6-12	3.5	6	116	13	95	1.3
3S - offsite	0-6	6.1	6	40	26	42	1.7
	6-12	2.6	10	40	30	56	1.5
4S wetland	0-6	619	58	321	86	28,832	78
	6-12	746	64	111	95	25,208	72
5S - offsite	0-6	2.4	20	512	23	426	4.2
	6-12	18.5	14	287	20	284	3.6
6S offsite	0-6	1.5	18	433	13	180	2.0
	6-12	2.0	11	594	41	267	3.6
7S	0-6	15.4	5	737	65	882	19
	6-12	4.7	10	583	65	795	5.2
	12-18	7.1	11	578	100	1,026	13
	18-24	3.9	7	550	120	521	5.5
8S	0-6	58	5	479	52	1,183	3.9
	6-12	117	14	184	49	315	2.3
	12-18	61	11	885	45	860	33
	18-24	850	13	671	40	1,391	14
9S	0-6	30	5	44	29	13,454	1.7
	6-12	23	6	117	80	480	3.3
	12-18	13.8	7	88	27	495	2.6
	18-24	8.4	7	198	86	1,254	3.7
10S	0-6	46	15	1,225	80	1,100	6.7
	6-12	8.6	10	11	51	553	3.8
	12-18	10.0	12	749	66	608	9.1
	18-24	13.7	18	2,071	62	586	6.4
11S	0-6	25	6	913	135	488	4.0
	6-12	14.1	6	462	33	316	2.8
	12-18	19.5	5	1,089	42	475	3.8
	18-24	32	6	423	164	408	27

Table 6. Concentrations of mercury, arsenic, lead, nickel, zinc, and cadmium levels in composite soil samples from stations 1S through 23S (continued).

Station No.	Depth (in.)	Hg	As	Pb	Ni	Zn	Cd
12S	0-6	22	7	132	41	550	3.5
	6-12	25	11	899	77	1,320	7.9
	12-18	43	10	312	135	2,065	8.4
	18-24	116	13	614	240	2,772	86
13S	0-6	151	5	3,518	52	1,800	8.3
	6-12	2,008	14	3,926	35	1,979	9.3
	12-18	1,294	16	2,629	58	1,998	18
	18-24	654	14	2,166	158	3,139	10
14S	0-6	221	6	270	49	17,510	7.6
	6-12	276	6	196	45	6,866	4.7
	12-18	63	9	502	65	3,437	3.6
	18-24	123,000	11	322	91	4,584	6.9
15S	0-6	5.7	9	79	38	115	3.1
	6-12	5.5	6	215	35	180	1.8
	12-18	6.8	8	490	95	405	3.7
	18-24	9.8	11	388	37	294	3.1
16S	0-6	20.2	19	672	195	4,719	18
	6-12	26	30	896	157	3,392	15
	12-18	39	21	970	216	4,382	12
	18-24	23	22	990	132	3,770	13
17S	0-6	11.1	29	844	130	1,053	3.3
	6-12	11.9	9	670	49	715	5.5
	12-18	14.8	9	2,717	78	965	8.7
	18-24	12.9	11	964	85	1,204	9.2
18S	0-6	9.2	7	354	37	564	4.8
	6-12	3.9	7	298	37	4,491	29
	12-18	5.2	5	214	32	362	8.9
	18-24	19.9	9	385	45	711	8.4
19S	0-6	23	4	257	213	535	4.9
	6-12	18.4	1	164	19	313	2.6
	12-18	197	7	1,314	44	6,725	2.6
	18-24	328	12	580	33	13,634	6.0

Table 6. Concentrations of mercury, arsenic, lead, nickel, zinc, and cadmium levels in composite soil samples from stations 15 through 23S (concluded).

Station No.	Depth (in.)	Hg	As	Pb	Ni	Zn	Cd
20S	0-6	75	6	125	21	112	1.8
	6-12	34	6	216	21	122	1.9
	12-18	19.4	4	362	26	183	2.2
	18-24	15.1	7	395	19	202	2.2
21S	0-6	546	49	390	103	15,051	43
	6-12	1,444	82	125	21	502	7.5
22S	0-6	367	45	430	211	4,286	31
	6-12	1,185	148	396	289	10,670	71
23S	0-6	2,558	6	117	58	1,573	2.7
	6-12	2,885	7	179	58	2,032	3.7
	12-18	3,397	8	190	55	12,372	4.0
	18-24	4,719	8	344	27	818	2.2