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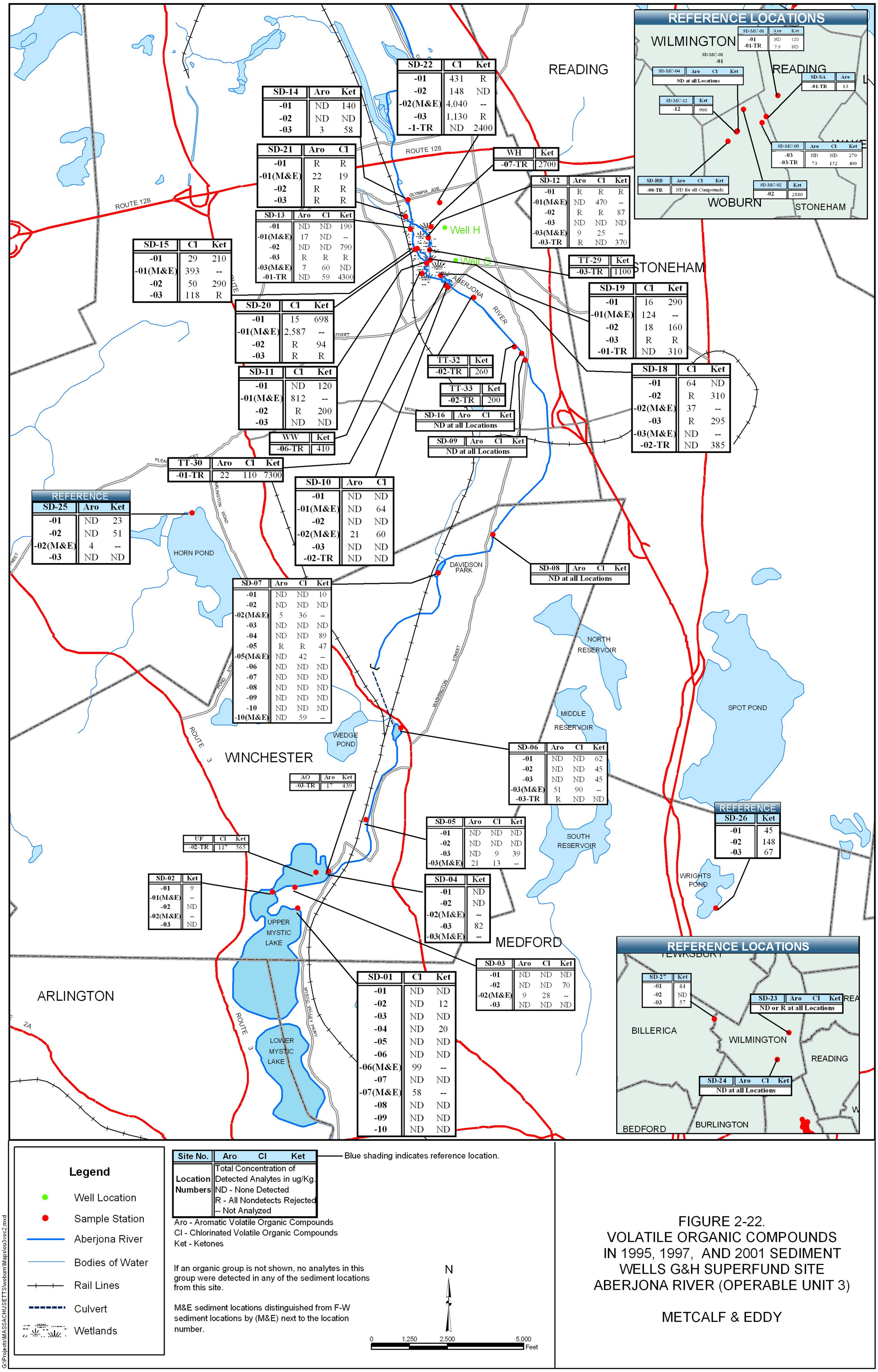
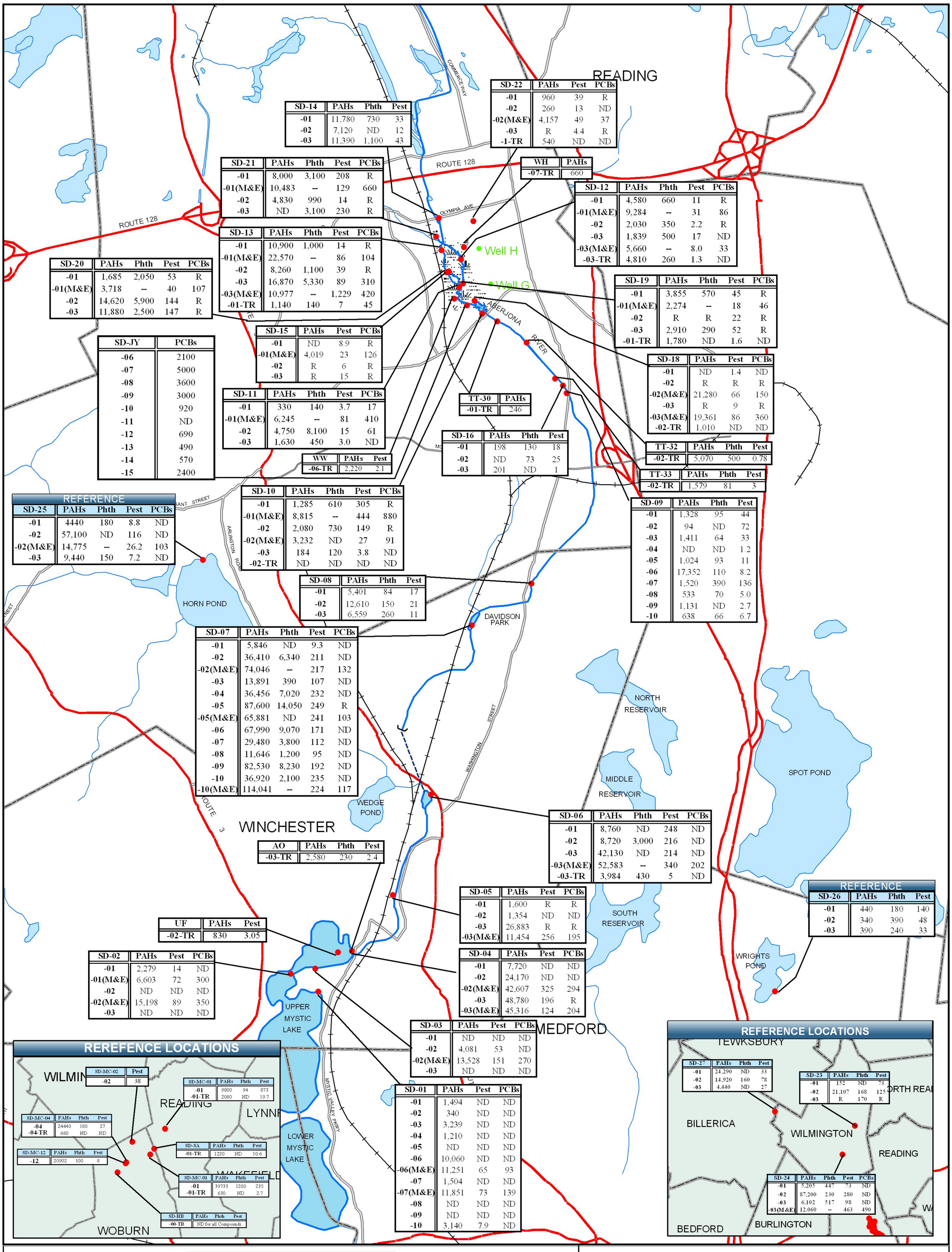


FIGURE 2-22.
VOLATILE ORGANIC COMPOUNDS
IN 1995, 1997, AND 2001 SEDIMENT
WELLS G&H SUPERFUND SITE
ABERJONA RIVER (OPERABLE UNIT 3)

METCALF & EDDY



SD-14	PAHs	Phth	Pest
-01	11,780	730	33
-02	7,120	ND	12
-03	11,390	1,100	43

SD-22	PAHs	Pest	PCBs
-01	960	39	R
-02	260	13	ND
-02(M&E)	4,157	49	37
-03	R	4.4	R
-1-TR	540	ND	ND

SD-21	PAHs	Phth	Pest	PCBs
-01	8,000	3,100	208	R
-01(M&E)	10,483	--	129	660
-02	4,830	990	14	R
-03	ND	3,100	230	R

WH	PAHs
-07-TR	660

SD-12	PAHs	Phth	Pest	PCBs
-01	4,580	660	11	R
-01(M&E)	9,284	--	31	86
-02	2,030	350	2.2	R
-03	1,839	500	17	ND
-03(M&E)	5,660	--	8.0	33
-03-TR	4,810	260	1.3	ND

SD-13	PAHs	Phth	Pest	PCBs
-01	10,900	1,000	14	R
-01(M&E)	22,570	--	86	104
-02	8,260	1,100	39	R
-03	16,870	5,330	89	310
-03(M&E)	10,977	--	1,229	420
-01-TR	1,140	140	7	45

SD-20	PAHs	Phth	Pest	PCBs
-01	1,685	2,050	53	R
-01(M&E)	3,718	--	40	107
-02	14,620	5,900	144	R
-03	11,880	2,500	147	R

SD-19	PAHs	Phth	Pest	PCBs
-01	3,855	570	45	R
-01(M&E)	2,274	--	18	46
-02	R	R	22	R
-03	2,910	290	52	R
-01-TR	1,780	ND	1.6	ND

SD-15	PAHs	Pest	PCBs
-01	ND	8.9	R
-01(M&E)	4,019	23	126
-02	R	6	R
-03	R	15	R

SD-JY	PCBs
-06	2100
-07	5000
-08	3600
-09	3000
-10	920
-11	ND
-12	690
-13	490
-14	570
-15	2400

SD-18	PAHs	Pest	PCBs
-01	ND	1.4	ND
-02	R	R	R
-02(M&E)	21,280	66	150
-03	R	9	R
-03(M&E)	19,361	86	360
-02-TR	1,010	ND	ND

SD-11	PAHs	Phth	Pest	PCBs
-01	330	140	3.7	17
-01(M&E)	6,245	--	81	410
-02	4,750	8,100	15	61
-03	1,630	450	3.0	ND

TT-30	PAHs
-01-TR	246

SD-16	PAHs	Phth	Pest
-01	198	130	18
-02	ND	73	25
-03	201	ND	1

TT-32	PAHs	Phth	Pest
-02-TR	5,070	500	0.78

WW	PAHs	Pest
-06-TR	2,220	2.1

TT-33	PAHs	Phth	Pest
-02-TR	1,579	81	3

REFERENCE

SD-25	PAHs	Phth	Pest	PCBs
-01	4440	180	8.8	ND
-02	57,100	ND	116	ND
-02(M&E)	14,775	--	26.2	103
-03	9,440	150	7.2	ND

SD-10	PAHs	Phth	Pest	PCBs
-01	1,285	610	305	R
-01(M&E)	8,815	--	444	880
-02	2,080	730	149	R
-02(M&E)	3,232	ND	27	91
-03	184	120	3.8	ND
-02-TR	ND	ND	ND	ND

SD-09	PAHs	Phth	Pest
-01	1,328	95	44
-02	94	ND	72
-03	1,411	64	33
-04	ND	ND	1.2
-05	1,024	93	11
-06	17,352	110	8.2
-07	1,520	390	136
-08	533	70	5.0
-09	1,131	ND	2.7
-10	638	66	6.7

SD-08	PAHs	Phth	Pest
-01	5,401	84	17
-02	12,610	150	21
-03	6,559	260	11

SD-07	PAHs	Phth	Pest	PCBs
-01	5,846	ND	9.3	ND
-02	36,410	6,340	211	ND
-02(M&E)	74,046	--	217	132
-03	13,891	390	107	ND
-04	36,456	7,020	232	ND
-05	87,600	14,050	249	R
-05(M&E)	65,881	ND	241	103
-06	67,990	9,070	171	ND
-07	29,480	3,800	112	ND
-08	11,646	1,200	95	ND
-09	82,530	8,230	192	ND
-10	36,920	2,100	235	ND
-10(M&E)	114,041	--	224	117

SD-06	PAHs	Phth	Pest	PCBs
-01	8,760	ND	248	ND
-02	8,720	3,000	216	ND
-03	42,130	ND	214	ND
-03(M&E)	52,583	--	340	202
-03-TR	3,984	430	5	ND

AO	PAHs	Phth	Pest
-03-TR	2,580	230	2.4

SD-05	PAHs	Pest	PCBs
-01	1,600	R	R
-02	1,354	ND	ND
-03	26,883	R	R
-03(M&E)	11,454	256	195

REFERENCE

SD-26	PAHs	Phth	Pest
-01	440	180	140
-02	340	390	48
-03	390	240	33

UF	PAHs	Pest
-02-TR	830	3.05

SD-02	PAHs	Pest	PCBs
-01	2,279	14	ND
-01(M&E)	6,603	72	300
-02	ND	ND	ND
-02(M&E)	15,198	89	350
-03	ND	ND	ND

SD-04	PAHs	Pest	PCBs
-01	7,720	ND	ND
-02	24,170	ND	ND
-02(M&E)	42,607	325	294
-03	48,780	196	R
-03(M&E)	45,316	124	204

SD-03	PAHs	Pest	PCBs
-01	ND	ND	ND
-02	4,081	53	ND
-02(M&E)	13,528	151	270
-03	ND	ND	ND

REREFENCE LOCATIONS

SD-MC-02	Pest
-02	38

SD-MC-01	PAHs	Phth	Pest
-01	9800	94	873
-01-TR	2080	ND	19.7

SD-MC-04	PAHs	Phth	Pest
-04	24440	180	27
-04-TR	660	ND	ND

SD-MC-12	PAHs	Phth	Pest
-12	20902	100	8

SD-SA	PAHs	Phth	Pest
-01-TR	1220	ND	10.6

SD-MC-01	PAHs	Phth	Pest
-01	39733	1200	235
-01-TR	630	ND	2.7

SD-HB	PAHs	Phth	Pest
-00-TR	ND for all Compounds.		

SD-01	PAHs	Pest	PCBs
-01	1,494	ND	ND
-02	340	ND	ND
-03	3,239	ND	ND
-04	1,210	ND	ND
-05	ND	ND	ND
-06	10,060	ND	ND
-06(M&E)	11,251	65	93
-07	1,504	ND	ND
-07(M&E)	11,851	73	139
-08	ND	ND	ND
-09	ND	ND	ND
-10	3,140	7.9	ND

REFERENCE LOCATIONS

SD-27	PAHs	Phth	Pest
-01	24,290	ND	33
-02	14,920	160	78
-03	4,440	ND	27

SD-23	PAHs	Phth	Pest
-01	152	ND	73
-02	21,107	168	125
-03	R	170	R

SD-24	PAHs	Phth	Pest	PCBs
-01	5,205	447	73	ND
-02	87,200	230	280	ND
-03	6,102	517	98	ND
-03(M&E)	12,060	--	463	490

Legend

- Well Location
- Sample Station
- Aberjona River
- Bodies of Water
- Rail Lines
- Culvert
- Wetlands

Site No.	PAHs	Phth	Pest	PCBs
Location Numbers	Total Concentration of Detected Analytes in ug/Kg. ND - None Detected R - All Nondetects Rejected -- Not Analyzed			

Blue shading indicates reference location.

PAHs - Polycyclic Aromatic Hydrocarbons
Phth - Phthalate Compounds
Pest - Pesticides
PCBs - Polychlorinated Biphenyl Compounds

If an organic group is not shown, no analytes in this group were detected in any of the sediment locations from this site.

M&E sediment locations distinguished from FW and TT sediment locations by (M&E) next to the location number.

N

0 1,250 2,500 5,000 Feet

FIGURE 2-23.
PAHs, PESTICIDES, AND PCBs
DETECTED IN 1995, 1997, AND 2001 SEDIMENT
WELLS G&H SUPERFUND SITE
ABERJONA RIVER (OPERABLE UNIT 3)

METCALF & EDDY

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