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TABLE 4-10
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
D	BIOTA	SAIC	14-Apr-99	C-1					+		+								+	+	
D	BIOTA	SAIC	14-Apr-99	C-2					+		+								+	+	
D	BIOTA	SAIC	14-Apr-99	C-3					+		+								+	+	
C	SEDIMENT	B&RE	04-Apr-94	BC-SO-SB2-0002	0	2						+									+
C	SEDIMENT	B&RE	04-Apr-94	BC-SO-SB2-0204	2	4						+									+
C	SEDIMENT	B&RE	04-Apr-94	BC-SO-SB2-0608	6	8						+									+
C	SEDIMENT	B&RE	04-Apr-94	BC-SO-SB2-0810	8	10						+									+
C	SEDIMENT	B&RE	04-Apr-94	BC-SO-SB2-1012	10	12						+									+
C	SEDIMENT	B&RE	06-Apr-94	BC-SO-SB2-1214	12	14	+	+	+	+	+	+									
C	SEDIMENT	B&RE	26-Apr-94	BC-SO-SB8-0002	0	2						+									+
C	SEDIMENT	B&RE	28-Apr-94	BC-SO-SB8-0204A	2	4	+	+	+	+	+	+									+
C	SEDIMENT	B&RE	26-Apr-94	BC-SO-SB8-0204B	2	4						+									+
C	SEDIMENT	B&RE	26-Apr-94	BC-SO-SB8-0406A	4	6						+									+
C	SEDIMENT	B&RE	26-Apr-94	BC-SO-SB8-0406B	4	6						+									+
C	SEDIMENT	B&RE	26-Apr-94	BC-SO-SB8-0608	6	8						+									+
C	SEDIMENT	B&RE	26-Apr-94	BC-SO-SB8-0810	8	10						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-0608A	6	8						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-0608B	6	8						+									+
C	SEDIMENT	B&RE	05-May-94	BC-SO-SB8A-0810	8	10	+	+	+	+	+	+									
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1012	10	12	+	+	+	+	+	+									
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1214A	12	14						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1214B	12	14						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1214C	12	14						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1416A	14	16						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1416B	14	16						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1416C	14	16						+									+
C	SEDIMENT	B&RE	03-May-94	BC-SO-SB8A-1618	16	18						+									+
C	SEDIMENT	B&RE	14-Jul-97	OU3-C-SD01-0002	0	2	+	+	+		+	+	+								
C	SEDIMENT	B&RE	14-Jul-97	OU3-C-SD01-0204	2	4	+	+	+		+	+	+								
C	SEDIMENT	B&RE	14-Jul-97	OU3-C-SD02-0002	0	2		+	+		+	+	+								
C	SEDIMENT	B&RE	14-Jul-97	OU3-C-SD02-0204	2	4	+	+	+		+	+	+								
C	SEDIMENT	B&RE	15-Jul-97	OU3-C-SD03-0002	0	2	+	+	+	+	+	+									

TABLE 4-10 (cont.)
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
C	SEDIMENT	B&RE	15-Jul-97	OU3-C-SD03-0204	2	4		+	+	+	+	+									
C	SEDIMENT	B&RE	15-Jul-97	OU3-C-SD04-0002	0	2	+	+	+		+	+									
C	SEDIMENT	B&RE	15-Jul-97	OU3-C-SD04-0204	2	4		+	+		+	+									
C	SEDIMENT	B&RE	09-Jul-97	OU3-C-SS02-0002	0	2	+	+	+		+	+									
C	SEDIMENT	B&RE	09-Jul-97	OU3-C-SS02-0204	2	4		+	+		+	+									
C	SEDIMENT	B&RE	17-Aug-94	RM-SD-HB01-01	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	10-Nov-94	RM-SD-HB01-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	09-Aug-95	RM-SD-HB01-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	17-Aug-94	RM-SD-HB02-01	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	10-Nov-94	RM-SD-HB02-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	09-Aug-95	RM-SD-HB02-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	17-Aug-94	RM-SD-HB03-01	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	17-Aug-94	RM-SD-HB04-01	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	17-Aug-94	RM-SD-HB05-01	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	17-Aug-94	RM-SD-HB06-01	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	08-Aug-95	RM-SD-HB06-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	17-Aug-94	RM-SD-HB07-01	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	14-Nov-94	RM-SD-HB08-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	14-Nov-94	RM-SD-HB09-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	09-Aug-95	RM-SD-HB09-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	16-Nov-94	RM-SD-HB10-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	09-Aug-95	RM-SD-HB10-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	16-Nov-94	RM-SD-HB11-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	09-Aug-95	RM-SD-HB11-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	16-Nov-94	RM-SD-HB12-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	20-Apr-95	RM-SD-HB12-03	0	0.5					+										
C	SEDIMENT	B&RE	08-Aug-95	RM-SD-HB12-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	14-Nov-94	RM-SD-HB13-02	0	0.5	+	+	+	+	+										

TABLE 4-10 (cont.)
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
C	SEDIMENT	B&RE	14-Nov-94	RM-SD-HB14-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	16-Nov-94	RM-SD-HB15-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	20-Apr-95	RM-SD-HB16-03	0	0.5	+	+	+	+											
C	SEDIMENT	B&RE	20-Apr-95	RM-SD-HB17-03	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	20-Apr-95	RM-SD-HB18-03	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	20-Apr-95	RM-SD-HB19-03	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	19-Apr-95	RM-SD-HB20-03	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	19-Apr-95	RM-SD-HB21-03	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	19-Apr-95	RM-SD-HB22-03	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	08-Aug-95	RM-SD-HB23-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	09-Aug-95	RM-SD-HB24-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	14-Nov-94	RM-SD-HB3A-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	14-Nov-94	RM-SD-HB4A-02	0	0.5	+	+	+	+	+										
C	SEDIMENT	B&RE	09-Aug-95	RM-SD-HB8A-04	0	0.5	+	+	+	+	+										
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+400 (0.0-0.3)	0	0.3						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+400 (0.3-1.0)	0.3	1						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+400 (1.0-2.0)	1	2						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+400 (2.0-3.0)	2	3						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+400 (3.0-4.0)	3	4						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+600 (0.0-0.3)	0	0.3						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+600 (0.3-1.0)	0.3	1						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+600 (1.0-2.0)	1	2						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+600 (2.0-3.0)	2	3						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+600 (3.0-4.0)	3	4						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO A+600 (4.0-5.0)	4	5						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO AA+460 (0.0-0.3)	0	0.3						+									+
C	SEDIMENT	FW-CSIR	15-Mar-95	HWCO AA+550 (0.0-0.3)	0	0.3						+									+
C	SEDIMENT	FW-CSIR	17-Mar-95	HWCO B+650 (0.0-0.3)	0	0.3						+									+

TABLE 4-10 (cont.)
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
C	SEDIMENT	FW-CSIR	17-Mar-95	HWCO B+650 (2.0-4.0)	2	4						+									+
C	SEDIMENT	WESTON/TAT	15-Jun-94	HBC 001	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	15-Jun-94	HBC 002	0	0.5			+		+	+									
C	SEDIMENT	WESTON/TAT	15-Jun-94	HBC 003	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	10-Jun-93	HBC C+00	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	10-Jun-93	HBC D+00	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	10-Jun-93	HBC E+00	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	10-Jun-93	HBCBB+1150	0	0.5			+		+	+									
C	SEDIMENT	WESTON/TAT	23-Jun-93	HR19	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	23-Jun-93	HR20	0	0.5			+		+	+									
C	SEDIMENT	WESTON/TAT	23-Jun-93	HR21	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	24-Jun-93	HR46	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	24-Jun-93	HR47	0	0.5						+									+
C	SEDIMENT	WESTON/TAT	24-Jun-93	HR48	0	0.5						+									+
C	SOIL	FW-CSIR	20-Dec-94	ES1564 A+145 (0.50-0.50)	0.5	0.5						+									+
C	SOIL	FW-CSIR	20-Dec-94	ES1564 BC+145 (0.25-0.25)	0.25	0.25						+									+
C	SOIL	FW-CSIR	20-Dec-94	ES1564 BC+145 (0.50-0.50)	0.5	0.5						+									+
C	SOIL	FW-CSIR	20-Dec-94	ES1564 CD+145 (0.25-0.25)	0.25	0.25						+									+
C	SOIL	FW-CSIR	20-Dec-94	ES1564 CD+145 (0.50-0.50)	0.5	0.5						+									+
C	SOIL	FW-CSIR	20-Dec-94	ES1564 CD+170 (0.50-0.50)	0.5	0.5						+									+
C	SOIL	FW-CSIR	20-Dec-94	ES1564 D+080 (0.50-0.50)	0.5	0.5						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO A+500 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO A+500 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO A+500 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO A+500 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO A+500 (3.0-4.0)	3	4						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO A+500 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO AA+500 (0.0-0.3)	0	0.3						+									+

TABLE 4-10 (cont.)
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
C	SOIL	FW-CSIR	15-Mar-95	HWCO AA+500 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO AA+500 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO AA+500 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO AA+500 (3.0-4.0)	3	4						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO AA+500 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO AB+200 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO AB+300 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO AB+600 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO B+250 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO B+250 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO B+250 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO B+250 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO B+250 (3.0-4.0)	3	4						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO B+250 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO B+375 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO BC+225 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO BC+50 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO BC+50 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO BC+50 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO BC+50 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO BC+50 (3.0-4.0)	3	4						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO BC+50 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO BC+625 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO C+225 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO C+225 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO C+225 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO C+225 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO C+225 (3.0-4.0)	3	4						+									+

TABLE 4-10 (cont.)
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
C	SOIL	FW-CSIR	16-Mar-95	HWCO C+225 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO C+25 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO C+600 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO C+600 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO C+600 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO C+600 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO C+600 (3.0-4.0)	3	4						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO C+600 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO CD+225 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO CD+570 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO CD+75 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	14-Mar-95	HWCO D+135 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO D+225 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO D+225 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO D+225 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO D+225 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO D+225 (3.0-4.0)	3	4						+									+
C	SOIL	FW-CSIR	16-Mar-95	HWCO D+225 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO D+50 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO D+50 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO D+50 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO D+50 (2.0-3.0)	2	3						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO D+50 (3.0-4.0)	3	4						+									+
C	SOIL	FW-CSIR	15-Mar-95	HWCO D+50 (4.0-5.0)	4	5						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO DE+610 (0.0-0.3)	0	0.3						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO DE+610 (0.3-1.0)	0.3	1						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO DE+610 (1.0-2.0)	1	2						+									+
C	SOIL	FW-CSIR	17-Mar-95	HWCO DE+610 (2.0-3.0)	2	3						+									+

TABLE 4-10 (cont.)
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
C	SOIL	M&E(STATE	08-Sep-93	HBC-1 (0.00-0.50)	0	0.5						+									+
C	SOIL	WESTON/TAT	04-Oct-93	1564ELM A+100	0	0.5						+									+
C	SOIL	WESTON/TAT	04-Oct-93	1564ELM B+100	0	0.5						+									+
C	SOIL	WESTON/TAT	04-Oct-93	1564ELM B+135	0	0.5						+									+
C	SOIL	WESTON/TAT	04-Oct-93	1564ELM B+145	0	0.5						+									+
C	SOIL	WESTON/TAT	04-Oct-93	1564ELM G1	0	0.5						+									+
C	SOIL	WESTON/TAT	07-Jun-94	ES1564 001	0	0.5						+									+
C	SOIL	WESTON/TAT	07-Jun-94	ES1564 003	0	0.5						+									+
C	SOIL	WESTON/TAT	07-Jun-94	ES1564 A+094	0	0.5						+									+
C	SOIL	WESTON/TAT	07-Jun-94	ES1564 A+132	0	0.5						+									+
C	SOIL	WESTON/TAT	07-Jun-94	ES1564 B+124	0	0.5						+									+
C	SOIL	WESTON/TAT	07-Jun-94	ES1564 C+123	0	0.5						+									+
C	SOIL	WESTON/TAT	17-Aug-93	HBC A+1000	0	0.5						+									+
C	SOIL	WESTON/TAT	10-Jun-93	HBC A+1100	0	0.5						+									+
C	SOIL	WESTON/TAT	10-Jun-93	HBC B+1150	0	0.5						+									+
C	SOIL	WESTON/TAT	10-Jun-93	HBC B+1185	0	0.5						+									+
C	SOIL	WESTON/TAT	10-Jun-93	HBC B+1205	0	0.5						+									+
C	SW	B&RE	17-Aug-94	RM-SW-HB01-01	0	0.2	+	+	+		+										
C	SW	B&RE	10-Nov-94	RM-SW-HB01-02	0.25	0.25	+	+	+		+										
C	SW	B&RE	17-Aug-94	RM-SW-HB02-01	0	0.2	+	+	+		+										
C	SW	B&RE	10-Nov-94	RM-SW-HB02-02	0	0	+	+	+		+										
C	SW	B&RE	17-Aug-94	RM-SW-HB05-01	0	0.5	+	+	+		+										
C	SW	B&RE	17-Aug-94	RM-SW-HB06-01	0	1	+	+	+		+										
C	SW	B&RE	08-Aug-95	RM-SW-HB06-04	0	1	+	+	+		+										
C	SW	B&RE	17-Aug-94	RM-SW-HB07-01	0	1	+	+	+		+										
C	SW	B&RE	16-Nov-94	RM-SW-HB10-02	0.2	0.2	+	+	+		+										
C	SW	B&RE	16-Nov-94	RM-SW-HB11-02	0.2	0.2	+	+	+		+										
C	SW	B&RE	16-Nov-94	RM-SW-HB12-02	0.2	0.2	+	+	+		+										

TABLE 4-10 (cont.)
AREA C: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
C	SW	B&RE	09-Aug-95	RM-SW-HB12-04	0.2	0.2	+	+	+		+										
C	SW	B&RE	14-Nov-94	RM-SW-HB14-02	0.25	0.25	+	+	+		+										
C	SW	B&RE	14-Nov-94	RM-SW-HB15-02	0.25	0.25	+	+	+		+										
C	SW	B&RE	20-Apr-95	RM-SW-HB20-03	0	1	+	+	+		+										
C	SW	B&RE	19-Apr-95	RM-SW-HB21-03	0	0.25	+	+	+		+										
C	SW	B&RE	20-Apr-95	RM-SW-HB22-03	0.5	0.5	+	+	+		+										
C	SW	B&RE	08-Aug-95	RM-SW-HB23-04			+	+	+		+										
C	SW	B&RE	16-Nov-94	RM-SW-HB3A-02	0.2	0.2	+	+	+		+										

TABLE 4-11
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
SURFACE SEDIMENT													
Asbestos (%)	10	28	2	7	0.99	60	BC-SO-SB8-0002		0		0		0
Simultaneously Extracted Metal/Acid Volatile Sulfide (µmo/g)													
Acid Volatile Sulfide	8	8	15	20	0.3	54.7	HB3A-SEDIMENT		0		0		0
Cadmium	8	8	0.0052	0.0052	0.001 J	0.01526 J	RM-SD-HB8A-04		0		0		0
Copper	8	8	5.6	5.6	0.0274702	27.84026 J	RM-SD-HB23-04		0		0		0
Lead	8	8	6.9	6.9	0.066 J	46.071239	HB3A-SEDIMENT		0		0		0
Mercury	0	3	0.000085	0	0	0	None		0		0		0
Nickel	8	8	0.29	0.29	0.054 J	0.7801056	HB3A-SEDIMENT		0		0		0
SEM/AVS	5	5	11	11	0.1911449	37.44	RM-SD-HB23-04		0		0		0
SEM-AVS	2	4	8.9	5.1	2.75634 J	7.4802341	HB3A-SEDIMENT		0		0		0
Simultaneously Extracted Metal	8	8	18	18	2.316	62.180234	HB3A-SEDIMENT		0		0		0
Zinc	8	8	5.2	5.2	2.142 J	15.297537	HB3A-SEDIMENT		0		0		0
Cadmium	2	2	0.63	0.63	0.4363836	0.8245614	CSD1-SEDIMENT	0.30625	2		0	34	0
Copper	2	2	9.9	9.9	1.7454545	18.070175	CSD1-SEDIMENT	160.75	0		0	2500	0
Lead	2	2	5000	5000	514.03509	9545.4545	HB3A-SEDIMENT	71.825	2		0	500	2
Nickel	2	2	34	34	21.912281	45.8	HB3A-SEDIMENT	20.45	2		0	1400	0
Zinc	2	2	590	590	188.59649	1000	HB3A-SEDIMENT	134.275	2		0	20000	0
Dioxin/Furan (µg/kg)													
1,2,3,4,6,7,8-HpCDD	42	42	0.75	0.75	0.00314 J	25.32 J	RM-SD-HB07-01	0.11011	14		0		0
1,2,3,4,6,7,8-HpCDF	39	42	0.87	0.94	0.00157 J	16.5 K	HB3A-SEDIMENT	0.043245	29		0		0
1,2,3,4,7,8,9-HpCDF	8	42	0.021	0.027	0.00076 J	0.181	HB3A-SEDIMENT	0.0040538	5		0		0
1,2,3,4,7,8-HxCDD	9	42	0.01	0.003	0.000896	0.00784	CSD1-SEDIMENT	0.002915	3		0		0
1,2,3,4,7,8-HxCDF	33	42	0.16	0.097	0.00075 J	1.1918 J	RM-SD-HB23-04	0.0024325	28		0		0
1,2,3,6,7,8-HxCDD	17	42	0.024	0.056	0.00077 J	0.75 J	RM-SD-HB07-01	0.0058563	7		0		0
1,2,3,6,7,8-HxCDF	31	42	0.077	0.1	0.00019 J	1.61	HB3A-SEDIMENT	0.0018375	27		0		0
1,2,3,7,8,9-HxCDD	11	42	0.026	0.013	0.0011	0.0847	HB3A-SEDIMENT	0.003745	7		0		0
1,2,3,7,8,9-HxCDF	24	42	0.032	0.045	0.00025 J	0.61078 J	RM-SD-HB23-04	0.0028988	20		0		0
1,2,3,7,8-PeCDD	2	42	0.011	0.0025	0.00221 J	0.002888	C-2-SED-SMP	0.0013225	2		0		0
1,2,3,7,8-PeCDF	20	42	0.09	0.16	0.001404	1.85	HB3A-SEDIMENT	0.0018125	18		0		0
13C-2,3,4,6,7,8-HXCDF	2	2	2.3	2.3	0.101	4.5	HB3A-SEDIMENT		0		0		0
13C-2,3,4,7,8-PECDF	2	2	2.5	2.5	0.109	4.99	HB3A-SEDIMENT		0		0		0
13C-2,3,7,8-TCDD	2	2	0.0047	0.0047	0.00256	0.00691	HB3A-SEDIMENT		0		0		0
13C-2,3,7,8-TCDF	2	2	2	2	0.0807	3.89	HB3A-SEDIMENT		0		0		0
2,3,4,6,7,8-HxCDF	8	40	0.012	0.073	0.00268	0.39 J	RM-SD-HB07-01	0.0022488	6		0		0
2,3,4,7,8-PeCDF	26	40	0.048	0.053	0.00086 J	0.8004 J	RM-SD-HB23-04	0.0017338	24		0		0
2,3,7,8-TCDD	3	40	0.0033	0.00052	0.00037 J	0.000797 J	OU3-C-SD03-0002	0.0003725	2		0		0
2,3,7,8-TCDF	37	40	0.11	0.12	0.00058 J	2.71 J	RM-SD-HB07-01	0.0041863	30		0		0
Dibenzofuran	2	2	0.66	0.66	0.66	0.66	CSD1-SEDIMENT, HB3A-SEDIMENT	615	0	5600	0	270000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
OCDD	41	42	6.6	6.8	0.05846	212.51	RM-SD-HB07-01	1.6016375	14		0		0
OCDF	40	42	1.5	1.5	0.00229 J	35.07 J	RM-SD-HB07-01	0.115875	30		0		0
Total Chlorodibenzo-p-dioxins	2	2	3.1	3.1	1.6346	4.4753	HB3A-SEDIMENT		0		0		0
Total Chlorodibenzo-p-furans	2	2	41.5	41.5	2.929	80.1	HB3A-SEDIMENT		0		0		0
Total Dioxins	2	2	32.7	32.7	9.98989	55.33871	HB3A-SEDIMENT		0		0		0
Total HpCDD	39	39	2.7	2.7	0.00552 J	89.52 J	RM-SD-HB07-01	0.2595375	14		0		0
Total HpCDF	37	39	2	2.1	0.00942 J	39.4 J	RM-SD-HB07-01	0.23091	18		0		0
Total HxCDD	28	39	0.22	0.31	0.00077 J	6.53 J	RM-SD-HB07-01	0.0254	16		0		0
Total HxCDF	37	39	2.4	2.6	0.00715 J	48.62 J	RM-SD-HB07-01	0.2633475	14		0		0
Total PeCDD	6	39	2.4	15.8	0.00355 J	94.82 J	RM-SD-HB07-01	0.0013225	6		0		0
Total PeCDF	39	39	3	3	0.00077 J	77.13 J	RM-SD-HB07-01	0.4017375	13		0		0
Total TCDD	22	39	0.061	0.11	0.00097	2.05 J	RM-SD-HB07-01	0.0027713	16		0		0
Total TCDF	38	39	2.6	2.7	0.00084 J	76.42 J	RM-SD-HB07-01	0.2540063	17		0		0
Toxicity Equivalency	42	42	0.1	0.1	0.0005049	1.829908	RM-SD-HB07-01	0.0045178	33		0		0
Metals (mg/kg)													
Aluminum	46	46	12800	12800	2430	21700 J	RM-SD-HB02-01	11485	29		0		0
Antimony	3	34	2.7	4.8	0.52 J	12.1 J	OU3-C-SD01-0002	2.425	1		0	27	0
Arsenic	43	57	7.7	9	2.1	24 J	RM-SD-HB10-04	7.4125	25		0	10	13
Barium	45	46	771	788	11.1	12200	HB3A-SEDIMENT	32.4375	36		0	4700	3
Beryllium	16	41	0.47	0.76	0.21	2 J	HR20	0.45375	14		0	2	0
Cadmium	23	50	0.96	1.7	0.16 J	6.1 J	RM-SD-HB02-04	0.30625	18		0	34	0
Calcium	40	46	3250	3500	294 J	6420 J	RM-SD-HB02-01	2031.5	34		0		0
Chromium	58	58	226	226	7.5	1060 J	RM-SD-HB02-04	60.75	37		0	100	32
Cobalt	46	46	10.9	10.9	1.7	25.5 B	HB3A-SEDIMENT	8.675	29		0	1000	0
Copper	59	59	1830	1830	8.6	36400	HB3A-SEDIMENT	160.75	43		0	2600	8
Iron	46	46	25100	25100	5900	42400 J	RM-SD-HB02-04	22060	28		0		0
Lead	76	81	823	873	3.5	26500	HB3A-SEDIMENT	71.825	55		0	500	13
Magnesium	46	46	10500	10500	1400	64800	HB3A-SEDIMENT	6247.5	33		0		0
Manganese	46	46	312	312	79.4	701	RM-SD-HB01-01	206.125	34		0	1600	0
Mercury	39	56	0.52	0.67	0.0082 J	1.7	RM-SD-HB01-01	0.6225	18		0	20	0
Nickel	58	58	43.8	43.8	6	386 E	HB3A-SEDIMENT	20.45	37		0	1400	0
Potassium	40	46	3540	3770	559	8600 J	RM-SD-HB08-02	2820	27		0		0
Selenium	4	40	1.2	3	1.5 J	4 B	HB3A-SEDIMENT	0.94125	4		0	340	0
Silver	17	48	1.7	3.3	0.13 J	24.2	RM-SD-HB22-03	0.53	12		0	340	0
Sodium	41	46	12700	14100	173 J	45400 J	RM-SD-HB08-02	8315	32		0		0
Thallium	2	38	1.7	5	3.4	6.7 J	RM-SD-HB02-01	1.075	2		0	5.4	1
Vanadium	45	46	41.4	41.6	8 J	77.8 J	RM-SD-HB01-01	36.05	28		0	470	0
Zinc	58	58	349	349	16.9 J	2320	HB3A-SEDIMENT	134.275	42		0	20000	0
Semivolatile Organic Compounds (µg/kg)													
1,2,4-Trichlorobenzene	1	34	450	80	80 J	80 J	RM-SD-HB22-03	615	0	14000	0	880000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
1,2-Dichlorobenzene	0	34	450	0	0	0	None	615	0	3100	0	500000	0
1,3-Dichlorobenzene	0	34	450	0	0	0	None	615	0		0		0
1,4-Dichlorobenzene	1	34	450	79	79 J	79 J	RM-SD-HB22-03	615	0	15000	0	26000	0
1-Methylnaphthalene	3	3	7	7	4	10	C-2-SED-SMP		0		0		0
1-Methylphenanthrene	3	3	33	33	20	58	C-2-SED-SMP		0		0		0
2,2'-oxybis(1-Chloropropane)	0	34	450	0	0	0	None	615	0		0		0
2,3,5-Trimethylnaphthalene	3	3	5	5	3	8	C-2-SED-SMP		0		0		0
2,4,5-Trichlorophenol	0	32	1100	0	0	0	None	1500	0		0		0
2,4,6-Trichlorophenol	0	32	460	0	0	0	None	615	0		0		0
2,4-Dichlorophenol	0	32	460	0	0	0	None	615	0		0		0
2,4-Dimethylphenol	1	32	450	230	230 J	230 J	HB3A-SEDIMENT	615	0	28000	0	1000000	0
2,4-Dinitrophenol	0	32	1100	0	0	0	None	1500	0		0		0
2,4-Dinitrotoluene	0	34	450	0	0	0	None	615	0		0		0
2,6-Dimethylnaphthalene	3	3	8	8	4	12	C-2-SED-SMP		0		0		0
2,6-Dinitrotoluene	0	34	450	0	0	0	None	615	0		0		0
2-Chloronaphthalene	0	34	450	0	0	0	None	615	0		0		0
2-Chlorophenol	0	32	460	0	0	0	None	615	0		0		0
2-Methylnaphthalene	7	37	380	70	9	230 J	RM-SD-HB01-01	615	0	56000	0	1000000	0
2-Methylphenol	0	32	460	0	0	0	None	615	0	70000	0	1000000	0
2-Nitroaniline	0	34	1100	0	0	0	None	1500	0		0		0
2-Nitrophenol	0	32	460	0	0	0	None	615	0		0		0
3,3'-Dichlorobenzidine	0	34	450	0	0	0	None	615	0	16	0	1400	0
3-Nitroaniline	0	34	1100	0	0	0	None	1500	0		0		0
4,6-Dinitro-2-methylphenol	0	32	1100	0	0	0	None	1500	0		0		0
4-Bromophenyl-phenylether	0	34	450	0	0	0	None	615	0	82000	0	500000	0
4-Chloro-3-methylphenol	1	32	450	55	55 J	55 J	RM-SD-HB22-03	615	0	0	1	0	1
4-Chloroaniline	0	34	450	0	0	0	None	615	0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	34	450	0	0	0	None	615	0		0		0
4-Methylphenol	2	32	430	140	100 J	170 J	RM-SD-HB01-01	615	0	7000	0	340000	0
4-Nitroaniline	0	34	1100	0	0	0	None	1500	0	4200	0	200000	0
4-Nitrophenol	0	32	1100	0	0	0	None	1500	0	11000	0	540000	0
Acenaphthene	10	37	370	110	4	410 J	RM-SD-HB01-02	615	0	84000	0	1000000	0
Acenaphthylene	22	43	390	320	23	1500	RM-SD-HB07-01	615	2	84000	0	1000000	0
Anthracene	26	39	400	320	35	1400 J	RM-SD-HB01-02	577.5	4	400000	0	1000000	0
Benzo(a)anthracene	42	45	980	1000	68 J	4100 J	RM-SD-HB13-02	2015	6	1000	11	1000	11
Benzo(a)pyrene	41	45	950	1000	63 J	3900	RM-SD-HB07-01	1702.5	10	1000	12	1000	12
Benzo(b)fluoranthene	44	46	1400	1500	110	6900	RM-SD-HB07-01	3291.25	6	1000	18	1000	18
benzo(e)pyrene	3	3	190	190	98	310	C-2-SED-SMP		0		0		0
Benzo(g,h,i)perylene	30	41	790	910	91	2500 J	RM-SD-HB01-02, RM-SD-HB13-02	927.5	11	40000	0	1000000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Benzo(k)fluoranthene	28	41	640	690	110	2200 J	RM-SD-HB14-02	615	12	1000	4	8400	0
Biphenyl	3	3	5	5	3	6	C-2-SED-SMP, C-3-SED-SMP		0		0		0
Bis(2-Chloroethoxy)methane	0	34	450	0	0	0	None	615	0		0		0
Bis(2-Chloroethyl)ether	0	34	450	0	0	0	None	615	0		0		0
bis(2-Ethylhexyl)phthalate	26	40	850	1100	76 J	6300 J	RM-SD-HB03-01	617.5	10	11000	0	44000	0
Butylbenzylphthalate	2	34	440	140	85 J	200 J	RM-SD-HB3A-02	615	0	200000	0	1000000	0
Carbazole	9	35	380	160	40 J	260 J	RM-SD-HB01-02, RM-SD-HB07-01	527.5	0	360	0	31000	0
Chrysene	43	45	1400	1400	110 J	4900 J	RM-SD-HB03-01	1937.5	11	960	18	84000	0
Dibenzo(a,h)anthracene	26	42	350	290	18	930 J	RM-SD-HB01-01	752.5	4	0.96	26	84	20
Dibenzofuran	4	32	420	94	43 J	160 J	RM-SD-HB01-01	615	0	5600	0	270000	0
Diethylphthalate	1	34	460	710	710 J	710 J	RM-SD-HB01-02	615	1	1100000	0	1000000	0
Dimethylphthalate	1	34	440	78	78 J	78 J	RM-SD-HB01-01	615	0	14000000	0	1000000	0
Di-n-Butylphthalate	15	39	1100	2200	24 J	12000 J	RM-SD-HB13-02	615	8	140000	0	1000000	0
Di-n-octylphthalate	4	35	440	210	37 J	660 J	RM-SD-HB18-03	615	1	20000	0	1000000	0
Fluoranthene	38	45	1400	1600	180 J	5300 , J	RM-SD-HB01-02, RM-SD-HB07-01	3770.75	5	56000	0	1000000	0
Fluorene	17	38	300	140	5	390 J	RM-SD-HB13-02	615	0	56000	0	1000000	0
Hexachlorobenzene	0	32	460	0	0	0	None	615	0	1000	0	1000	0
Hexachlorobutadiene	0	34	450	0	0	0	None	615	0		0		0
Hexachlorocyclopentadiene	0	30	500	0	0	0	None	615	0		0		0
Hexachloroethane	0	34	450	0	0	0	None	615	0		0		0
Indeno(1,2,3-cd)pyrene	39	45	690	710	29 J	2400 J	RM-SD-HB01-02, RM-SD-HB13-02	1552.5	5	9.6	39	840	12
Isophorone	0	34	450	0	0	0	None	615	0		0		0
Naphthalene	7	37	380	94	12	260 J	RM-SD-HB01-01	615	0	56000	0	1000000	0
Nitrobenzene	0	34	450	0	0	0	None	615	0		0		0
N-Nitroso-di-n-propylamine	0	34	450	0	0	0	None	615	0	1	0	88	0
N-Nitroso-diphenylamine	12	36	470	460	34 J	1700 J	RM-SD-HB02-02	615	3	1400	2	130000	0
Pentachlorophenol	1	32	1100	73	73 J	73 J	RM-SD-HB22-03	1500	0	1000	0	5100	0
perylene	3	3	72	72	61	92	C-2-SED-SMP		0		0		0
Phenanthrene	40	44	730	720	58 J	4100 J	RM-SD-HB13-02	1900	3	40000	0	1000000	0
Phenol	3	32	470	590	120 J	1100 J	RM-SD-HB3A-02	615	1	800000	0	1000000	0
Pyrene	44	46	2100	2200	95 J	10000 J	RM-SD-HB07-01	2485.5	12	40000	0	1000000	0
Total PAH	44	46	11000	11000	1175	43238	RM-SD-HB07-01		0		0		0
Volatile Organic Compounds (µg/kg)													
1,1,1-Trichloroethane	0	28	11	0	0	0	None	9.875	0	40000	0	500000	0
1,1,2,2-Tetrachloroethane	0	28	11	0	0	0	None	9.875	0	100	0	3100	0
1,1,2-Trichloroethane	0	28	11	0	0	0	None	9.875	0	1000	0	11000	0
1,1-Dichloroethane	0	28	11	0	0	0	None	9.875	0	14000	0	500000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
1,1-Dichloroethene	0	28	11	0	0	0	None	9.875	0	1400	0	1000	0
1,2-Dichloroethane	0	28	11	0	0	0	None	9.875	0	200	0	6700	0
1,2-Dichloroethene (total)	1	28	10	5	5 J	5 J	RM-SD-HB01-02		0	14000	0	500000	0
1,2-Dichloropropane	0	28	11	0	0	0	None	9.875	0		0		0
2-Butanone	2	30	12	24	23 J	25 J	RM-SD-HB11-02	9.875	2	80000	0	500000	0
2-Hexanone	0	28	11	0	0	0	None	9.875	0	56000	0	500000	0
4-Methyl-2-Pentanone	0	28	11	0	0	0	None	9.875	0	14000	0	500000	0
Acetone	8	38	47	120	27 J	230 J	RM-SD-HB18-03	30.25	5	140000	0	500000	0
Benzene	0	28	11	0	0	0	None	9.875	0	200	0	21000	0
Bromodichloromethane	0	28	11	0	0	0	None	9.875	0	110	0	9900	0
Bromoform	0	28	11	0	0	0	None	9.875	0	800	0	78000	0
Bromomethane	0	28	11	0	0	0	None	9.875	0		0		0
Carbon Disulfide	21	38	13	16	2 J	60 J	RM-SD-HB8A-04	13.625	7	140000	0	500000	0
Carbon Tetrachloride	0	28	11	0	0	0	None	9.875	0		0		0
Chlorobenzene	0	28	11	0	0	0	None	9.875	0	20000	0	500000	0
Chloroethane	0	28	11	0	0	0	None	9.875	0	2400	0	210000	0
Chloroform	0	28	11	0	0	0	None	9.875	0	1200	0	100000	0
Chloromethane	0	28	11	0	0	0	None	9.875	0	540	0	47000	0
cis-1,3-Dichloropropene	0	28	11	0	0	0	None	9.875	0		0		0
Dibromochloromethane	0	28	11	0	0	0	None	9.875	0		0		0
Ethylbenzene	0	28	11	0	0	0	None	9.875	0	10100	0	500000	0
Methylene Chloride	0	38	16	0	0	0	None	9.875	0	1000	0	82000	0
Styrene	0	28	11	0	0	0	None	9.875	0	20000	0	500000	0
Tetrachloroethene	0	28	11	0	0	0	None	9.875	0	1000	0	12000	0
Toluene	3	29	11	12	1 TB	32 J	RM-SD-HB07-01	9.375	1	67000	0	500000	0
Total Xylenes	0	28	11	0	0	0	None	9.875	0	19500	0	500000	0
trans-1,3-Dichloropropene	0	28	11	0	0	0	None	9.875	0		0		0
Trichloroethene	0	28	11	0	0	0	None	9.875	0	1000	0	56000	0
Vinyl Chloride	0	28	11	0	0	0	None	9.875	0	400	0	320	0
Pesticides/PCBs (µg/kg)													
2,4'-DDD	1	12	0.75	3.3	3.3	3.3	HB-5-SED-SMP		0		0		0
2,4'-DDE	1	12	0.76	3.8	3.8	3.8	HB-6-SED-SMP-MAX		0		0		0
2,4'-DDT	2	12	6.5	37	4.2	69	HB-5-SED-SMP		0		0		0
4,4'-DDD	25	57	5.3	7.4	0.34 J	20	RM-SD-HB02-04, RM-SD-HB15-02	2.3075	18	29	0	2600	0
4,4'-DDE	33	57	3.3	4	0.13 J	29	RM-SD-HB19-03	1.035	28	21	1	1800	0
4,4'-DDT	24	57	7.6	13	0.12 J	190	HB-2-SED-SMP	1.98	15	21	1	1800	0
Aldrin	21	57	1.1	0.42	0.05 J	1.7	RM-SD-HB13-02	0.945	2	0.41	7	36	0
alpha-BHC	20	57	1.2	0.44	0.06 J	1.1 J	RM-SD-HB3A-02	1.4	0	1.1	0	97	0
alpha-Chlordane	25	56	2.3	3.5	0.25 J	9.9	RM-SD-HB01-01	0.29425	24	66	0	490	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Aroclor, Total	32	44	1100	1600	18	11900	RM-SD-HB03-01	37.75	30		0		0
Aroclor, Total (Conservative)	33	45	2200	3000	167	39263	HB3A-SEDIMENT		0		0		0
Aroclor-1016	0	45	38	0	0	0	None	16.875	0		0	1000	0
Aroclor-1221	0	45	78	0	0	0	None	34.125	0		0		0
Aroclor-1232	0	45	38	0	0	0	None	16.875	0		0		0
Aroclor-1242	0	45	39	0	0	0	None	16.875	0		0	1000	0
Aroclor-1248	0	45	39	0	0	0	None	16.875	0		0	1000	0
Aroclor-1254	0	45	39	0	0	0	None	16.875	0		0	1000	0
Aroclor-1260	1	45	40	73	73	73	RM-SD-HB20-03	16.875	1		0	1000	0
Aroclor-1262	18	45	990	2400	32 J	24000 EC	HB3A-SEDIMENT	16.875	18		0	1000	6
Aroclor-1268	29	45	1000	1600	18 J	15000 EC	HB3A-SEDIMENT	16.875	29		0	1000	7
beta-BHC	4	57	1.7	1.3	0.24 J	4.2	RM-SD-HB01-01	0.8625	1	3.9	1	340	0
delta-BHC	5	57	1.7	2.6	0.25 J	7	RM-SD-HB11-04	0.8625	3	1.1	3	97	0
Dieldrin	31	56	3	2.9	0.087 J	14	RM-SD-HB07-01	1.6875	17	7	3	38	0
Endosulfan I	2	57	1.7	1.8	0.083 J	3.6 J	OU3-C-SD03-0002	0.8625	1	8400	0	410000	0
Endosulfan II	10	57	3.9	7.4	0.18 J	25 J	RM-SD-HB13-02	0.98	7	8400	0	410000	0
Endosulfan Sulfate	9	56	6.1	22	0.26 J	120 EP	HB3A-SEDIMENT	1.6875	5	8400	0	410000	0
Endrin	12	57	3.4	4.2	0.18 J	15	RM-SD-HB03-01	1.1825	7	0	12	20000	0
Endrin Aldehyde	14	45	67	210	0.56 J	2300 EP	HB3A-SEDIMENT	1.1325	12	0	14	20000	0
Endrin Ketone	4	45	3.7	0.78	0.15 J	2.6 J	HBC 002	1.6875	1	0	4	20000	0
gamma-BHC	14	57	1.4	1.1	0.13 J	4.5	RM-SD-HB02-04	0.79	6	40	0	20000	0
gamma-Chlordane	33	57	2.3	2.6	0.11 J	9.7	OU3-C-SS02-0002	2.0375	16	66	0	490	0
Heptachlor	6	57	1.6	0.48	0.15 J	0.85	RM-SD-HB15-02	0.7075	2	13	0	140	0
Heptachlor Epoxide	13	57	1.5	1.1	0.03 J	6.8	RM-SD-HB07-01	1.1125	3	20	0	67	0
Hexachlorobenzene	0	14	48	0	0	0	None	615	0	1000	0	1000	0
Methoxychlor	6	57	23	80	0.28 J	240	RM-SD-HB07-01	6.825	5	8000	0	340000	0
Mirex	0	12	0.51	0	0	0	None		0		0		0
Toxaphene	0	57	160	0	0	0	None	86.25	0	600	0	560	0
Total Organic Carbon (mg/kg)	18	18	43000	43000	9000	149000	HB3A-SEDIMENT		0		0		0
Total Organic Material (mg/kg)	12	12	60000	60000	22000	146000	HB-6-SED-SMP-MAX		0		0		0
SUBSURFACE SEDIMENT													
Asbestos (%)	18	28	5	8	0.99	60	BC-SO-SB8-0204A		0		0		0
Dioxin/Furan (µg/kg)													
1,2,3,4,6,7,8-HpCDD	2	4	1.2	2.2	0.00619 J	4.34 J	BC-SO-SB8-0204A	0.11011	1		0		0
1,2,3,4,6,7,8-HpCDF	2	4	4	8	0.000868 J	15.98 J	BC-SO-SB8-0204A	0.043245	1		0		0
1,2,3,4,7,8,9-HpCDF	0	4	0.27	0	0	0	None	0.0040538	0		0		0
1,2,3,4,7,8-HxCDD	0	4	0.15	0	0	0	None	0.002915	0		0		0
1,2,3,4,7,8-HxCDF	1	4	2.8	10.6	10.64 J	10.64 J	BC-SO-SB8-0204A	0.0024325	1		0		0
1,2,3,6,7,8-HxCDD	2	4	0.28	0.31	0.000282 J	0.62 J	BC-SO-SB8-0204A	0.0058563	1		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
1,2,3,6,7,8-HxCDF	1	4	1.1	4.1	4.11 J	4.11 J	BC-SO-SB8-0204A	0.0018375	1		0		0
1,2,3,7,8,9-HxCDD	1	4	0.51	0.00043	0.00043 J	0.00043 J	OU3-C-SD03-0204	0.003745	0		0		0
1,2,3,7,8,9-HxCDF	0	4	0.12	0	0	0	None	0.0028988	0		0		0
1,2,3,7,8-PeCDD	0	4	0.46	0	0	0	None	0.0013225	0		0		0
1,2,3,7,8-PeCDF	1	4	1.3	5.2	5.15	5.15	BC-SO-SB8-0204A	0.0018125	1		0		0
2,3,4,6,7,8-HxCDF	1	4	1.3	4.9	4.94 J	4.94 J	BC-SO-SB8-0204A	0.0022488	1		0		0
2,3,4,7,8-PeCDF	1	4	1.8	6.8	6.81 J	6.81 J	BC-SO-SB8-0204A	0.0017338	1		0		0
2,3,7,8-TCDD	0	3	0.15	0	0	0	None	0.0003725	0		0		0
2,3,7,8-TCDF	1	4	1.8	7	6.95	6.95	BC-SO-SB8-0204A	0.0041863	1		0		0
OCDD	1	4	3.9	15	14.96 J	14.96 J	BC-SO-SB8-0204A	1.6018375	1		0		0
OCDF	1	4	0.82	3	3.04 J	3.04 J	BC-SO-SB8-0204A	0.115875	1		0		0
Total HpCDD	2	4	2.2	4.2	0.0238 J	8.33 J	BC-SO-SB8-0204A	0.2595375	1		0		0
Total HpCDF	1	4	4	16	15.98 J	15.98 J	BC-SO-SB8-0204A	0.23091	1		0		0
Total HxCDD	2	4	1.7	3.2	0.00991 J	6.35 J	BC-SO-SB8-0204A	0.0254	1		0		0
Total HxCDF	1	4	10.4	41.5	41.54 J	41.54 J	BC-SO-SB8-0204A	0.2633475	1		0		0
Total PeCDD	1	4	0.46	0.00035	0.000348 J	0.000348 J	OU3-C-SD03-0204	0.0013225	0		0		0
Total PeCDF	1	4	11	43.9	43.88 J	43.88 J	BC-SO-SB8-0204A	0.4017375	1		0		0
Total TCDD	0	4	0.11	0	0	0	None	0.0027713	0		0		0
Total TCDF	1	4	5.2	20.5	20.53 J	20.53 J	BC-SO-SB8-0204A	0.2540063	1		0		0
Toxicity Equivalency	2	4	2.3	4.3	0.0002004	8.6132	BC-SO-SB8-0204A	0.0045178	1		0		0
Metals (mg/kg)													
Aluminum	8	8	8760	8760	2380	21600 J	OU3-C-SD01-0204	11485	3		0		0
Antimony	1	8	3.2	13.9	13.9 J	13.9 J	OU3-C-SD01-0204	2.425	1		0	27	0
Arsenic	8	8	4.7	4.7	0.79	17 J	OU3-C-SD01-0204	7.4125	1		0	10	1
Barium	8	8	1780	1780	11.6	13900 J	BC-SO-SB8-0204A	32.4375	4		0	4700	1
Beryllium	3	8	0.27	0.58	0.45 J	0.8	OU3-C-SD01-0204	0.45375	2		0	2	0
Cadmium	2	8	1	3.5	1.7 J	5.3 J	OU3-C-SD01-0204	0.30625	2		0	34	0
Calcium	8	8	2340	2340	455 J	5940	OU3-C-SD01-0204	2031.5	4		0		0
Chromium	8	8	151	151	3.6 J	950	OU3-C-SD01-0204	60.75	2		0	100	2
Cobalt	7	8	11.4	12.9	2.1	38.3	BC-SO-SB8-0204A	8.675	5		0	1000	0
Copper	14	22	3590	5550	14.5 J	49900 J	BC-SO-SB8-0204A	160.75	7		0	2500	4
Iron	8	8	17900	17900	4610	43000	OU3-C-SD01-0204	22060	2		0		0
Lead	15	29	1690	3230	5.5 J	32400	BC-SO-SB8-0204A	71.825	9		0	500	4
Magnesium	8	8	15300	15300	1190 J	86000 J	BC-SO-SB8-0204A	6247.5	5		0		0
Manganese	8	8	239	239	47.5	566	OU3-C-SD01-0204	206.125	5		0	1600	0
Mercury	2	8	0.24	0.75	0.2 J	1.3	OU3-C-SD01-0204	0.8225	1		0	20	0
Nickel	8	8	87.3	87.3	4.1	552 J	BC-SO-SB8-0204A	20.45	2		0	1400	0
Potassium	7	8	1810	2050	549 J	4910 J	OU3-C-SD01-0204	2820	1		0		0
Selenium	0	8	0.63	0	0	0	None	0.94125	0		0	340	0
Silver	1	8	0.95	4.6	4.6	4.6	OU3-C-SD01-0204	0.53	1		0	340	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Sodium	6	8	3140	4140	1050	11200 J	OU3-C-SD01-0204	8315	1		0		0
Thallium	0	8	0.76	0	0	0	None	1.075	0		0	5.4	0
Vanadium	8	8	24	24	7.1	88.1 J	OU3-C-SD01-0204	36.05	1		0	470	0
Zinc	8	8	518	518	16.6 J	2710 J	BC-SO-SB8-0204A	134.275	2		0	20000	0
Semivolatile Organic Compounds (µg/kg)													
1,2,4-Trichlorobenzene	0	8	370	0	0	0	None	615	0	14000	0	880000	0
1,2-Dichlorobenzene	0	8	370	0	0	0	None	615	0	3100	0	500000	0
1,3-Dichlorobenzene	0	8	370	0	0	0	None	615	0		0		0
1,4-Dichlorobenzene	0	8	370	0	0	0	None	615	0	15000	0	26000	0
2,2'-oxybis(1-Chloropropane)	0	8	370	0	0	0	None	615	0		0		0
2,4,5-Trichlorophenol	0	8	900	0	0	0	None	1500	0		0		0
2,4,6-Trichlorophenol	0	8	370	0	0	0	None	615	0		0		0
2,4-Dichlorophenol	0	8	370	0	0	0	None	615	0		0		0
2,4-Dimethylphenol	1	8	2500	19000	19000	19000	BC-SO-SB8-0204A	615	1	28000	0	1000000	0
2,4-Dinitrophenol	0	8	900	0	0	0	None	1500	0		0		0
2,4-Dinitrotoluene	0	8	370	0	0	0	None	615	0		0		0
2,6-Dinitrotoluene	0	8	370	0	0	0	None	615	0		0		0
2-Chloronaphthalene	0	8	370	0	0	0	None	615	0		0		0
2-Chlorophenol	0	8	370	0	0	0	None	615	0		0		0
2-Methylnaphthalene	2	8	200	300	85 J	510 J	BC-SO-SB8-0204A	615	0	56000	0	1000000	0
2-Methylphenol	1	8	280	880	880 J	880 J	BC-SO-SB8-0204A	615	1	70000	0	1000000	0
2-Nitroaniline	0	8	900	0	0	0	None	1500	0		0		0
2-Nitrophenol	0	8	370	0	0	0	None	615	0		0		0
3,3'-Dichlorobenzidine	0	8	370	0	0	0	None	615	0	16	0	1400	0
3-Nitroaniline	0	8	900	0	0	0	None	1500	0		0		0
4,6-Dinitro-2-methylphenol	0	8	900	0	0	0	None	1500	0		0		0
4-Bromophenyl-phenylether	0	8	370	0	0	0	None	615	0	82000	0	500000	0
4-Chloro-3-methylphenol	0	8	370	0	0	0	None	615	0	0	0	0	0
4-Chloroaniline	0	8	370	0	0	0	None	615	0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	8	370	0	0	0	None	615	0		0		0
4-Methylphenol	2	8	350	890	81 J	1700 J	BC-SO-SB8-0204A	615	1	7000	0	340000	0
4-Nitroaniline	0	8	900	0	0	0	None	1500	0	4200	0	200000	0
4-Nitrophenol	0	8	900	0	0	0	None	1500	0	11000	0	540000	0
Acenaphthene	1	8	350	150	150 J	150 J	OU3-C-SD01-0204	615	0	84000	0	1000000	0
Acenaphthylene	1	8	340	130	130 J	130 J	OU3-C-SD01-0204	615	0	84000	0	1000000	0
Anthracene	2	5	250	320	250 J	400 J	OU3-C-SD01-0204	577.5	0	400000	0	1000000	0
Benzo(a)anthracene	3	8	510	1100	52 J	1900 J	BC-SO-SB8-0204A	2015	0	1000	2	1000	2
Benzo(a)pyrene	2	8	470	680	54 J	1300	OU3-C-SD01-0204	1702.5	0	1000	1	1000	1
Benzo(b)fluoranthene	2	8	600	1200	43 J	2300 J	OU3-C-SD01-0204	3291.25	0	1000	1	1000	1
Benzo(g,h,i)perylene	1	8	370	350	350 J	350 J	OU3-C-SD01-0204	927.5	0	40000	0	1000000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Benzo(k)fluoranthene	2	8	590	1100	64 J	2200 J	OU3-C-SD01-0204	615	1	1000	1	8400	0
Bis(2-Chloroethoxy)methane	0	8	370	0	0	0	None	615	0		0		0
Bis(2-Chloroethyl)ether	0	8	370	0	0	0	None	615	0		0		0
bis(2-Ethylhexyl)phthalate	0	8	520	0	0	0	None	617.5	0	11000	0	44000	0
Butylbenzylphthalate	0	8	370	0	0	0	None	615	0	200000	0	1000000	0
Carbazole	2	8	160	140	110 J	160 J	BC-SO-SB8-0204A	527.5	0	360	0	31000	0
Chrysene	3	8	2300	5900	54 J	16000	BC-SO-SB8-0204A	1937.5	1	960	2	84000	0
Dibenzo(a,h)anthracene	1	8	340	120	120 J	120 J	OU3-C-SD01-0204	752.5	0	0.96	1	84	1
Dibenzofuran	0	8	370	0	0	0	None	615	0	5600	0	270000	0
Diethylphthalate	0	8	370	0	0	0	None	615	0	1100000	0	1000000	0
Dimethylphthalate	0	8	370	0	0	0	None	615	0	14000000	0	1000000	0
Di-n-Butylphthalate	2	8	220	360	65 J	660 J	BC-SO-SB8-0204A	615	1	140000	0	1000000	0
Di-n-octylphthalate	0	8	370	0	0	0	None	615	0	20000	0	1000000	0
Fluoranthene	3	8	680	1500	91 J	3800	OU3-C-SD01-0204	3770.75	1	56000	0	1000000	0
Fluorene	2	8	310	740	190 J	1300 J	BC-SO-SB8-0204A	615	1	56000	0	1000000	0
Hexachlorobenzene	0	8	370	0	0	0	None	615	0	1000	0	1000	0
Hexachlorobutadiene	0	8	370	0	0	0	None	615	0		0		0
Hexachlorocyclopentadiene	0	3	670	0	0	0	None	615	0		0		0
Hexachloroethane	0	8	370	0	0	0	None	615	0		0		0
Indeno(1,2,3-cd)pyrene	1	8	370	350	350 J	350 J	OU3-C-SD01-0204	1552.5	0	9.6	1	840	0
Isophorone	0	8	370	0	0	0	None	615	0		0		0
Naphthalene	2	8	430	1200	130 J	2300 J	BC-SO-SB8-0204A	615	1	56000	0	1000000	0
Nitrobenzene	0	8	370	0	0	0	None	615	0		0		0
N-Nitroso-di-n-propylamine	0	8	370	0	0	0	None	615	0	1	0	88	0
N-Nitroso-diphenylamine	2	8	600	1900	750	3000 J	BC-SO-SB8-0204A	615	2	1400	1	130000	0
Pentachlorophenol	0	8	900	0	0	0	None	1500	0	1000	0	5100	0
Phenanthrene	2	8	820	2800	1300	4200 J	BC-SO-SB8-0204A	1900	1	40000	0	1000000	0
Phenol	2	8	390	980	59 J	1900 J	BC-SO-SB8-0204A	615	1	800000	0	1000000	0
Pyrene	2	8	780	1900	98 J	3700	OU3-C-SD01-0204	2485.5	1	40000	0	1000000	0
Total PAH	3	8	6000	16000	456	27190	BC-SO-SB8-0204A		0		0		0
Volatile Organic Compounds (µg/kg)													
1,1,1-Trichloroethane	0	5	9	0	0	0	None	9.875	0	40000	0	500000	0
1,1,2,2-Tetrachloroethane	0	5	8	0	0	0	None	9.875	0	100	0	3100	0
1,1,2-Trichloroethane	0	5	9	0	0	0	None	9.875	0	1000	0	11000	0
1,1-Dichloroethane	0	5	9	0	0	0	None	9.875	0	14000	0	500000	0
1,1-Dichloroethene	0	5	9	0	0	0	None	9.875	0	1400	0	1000	0
1,2-Dichloroethane	0	5	9	0	0	0	None	9.875	0	200	0	6700	0
1,2-Dichloroethene (total)	0	5	9	0	0	0	None		0	14000	0	500000	0
1,2-Dichloropropane	0	5	9	0	0	0	None	9.875	0		0		0
2-Butanone	1	5	13	42	42	42	BC-SO-SB8-0204A	9.875	1	80000	0	500000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
2-Hexanone	1	6	7	11	11 J	11 J	BC-SO-SB8-0204A	9.875	1	56000	0	500000	0
4-Methyl-2-Pentanone	1	6	11	30	30 J	30 J	BC-SO-SB8-0204A	9.875	1	14000	0	500000	0
Acetone	0	6	26	0	0	0	None	30.25	0	140000	0	500000	0
Benzene	0	6	9	0	0	0	None	9.875	0	200	0	21000	0
Bromodichloromethane	0	6	9	0	0	0	None	9.875	0	110	0	9900	0
Bromoform	0	6	9	0	0	0	None	9.875	0	800	0	78000	0
Bromomethane	0	6	9	0	0	0	None	9.875	0		0		0
Carbon Disulfide	1	6	8	2	2 J	2 J	OU3-C-SD02-0204	13.625	0	140000	0	500000	0
Carbon Tetrachloride	0	6	9	0	0	0	None	9.875	0		0		0
Chlorobenzene	1	6	8	7	7 J	7 J	BC-SO-SB8-0204A	9.875	0	20000	0	500000	0
Chloroethane	0	6	9	0	0	0	None	9.875	0	2400	0	210000	0
Chloroform	0	6	9	0	0	0	None	9.875	0	1200	0	100000	0
Chloromethane	0	6	9	0	0	0	None	9.875	0	540	0	47000	0
cis-1,3-Dichloropropene	0	6	9	0	0	0	None	9.875	0		0		0
Dibromochloromethane	0	6	9	0	0	0	None	9.875	0		0		0
Ethylbenzene	1	6	12	34	34 J	34 J	BC-SO-SB8-0204A	9.875	1	10100	0	500000	0
Methylene Chloride	0	6	13	0	0	0	None	9.875	0	1000	0	82000	0
Styrene	0	6	9	0	0	0	None	9.875	0	20000	0	500000	0
Tetrachloroethene	0	6	9	0	0	0	None	9.875	0	1000	0	12000	0
Toluene	2	6	150	380	2 TB	750 J	BC-SO-SB8-0204A	9.375	1	67000	0	500000	0
Total Xylenes	1	6	67	310	310 J	310 J	BC-SO-SB8-0204A	9.875	1	19500	0	500000	0
trans-1,3-Dichloropropene	0	6	9	0	0	0	None	9.875	0		0		0
Trichloroethene	0	6	9	0	0	0	None	9.875	0	1000	0	56000	0
Vinyl Chloride	0	6	9	0	0	0	None	9.875	0	400	0	320	0
Pesticides/PCBs (µg/kg)													
4,4'-DDD	1	8	22	6.9	6.9	6.9	OU3-C-SD01-0204	2.3075	1	29	0	2600	0
4,4'-DDE	1	8	26	42	42	42	OU3-C-SD03-0204	1.035	1	21	1	1800	0
4,4'-DDT	1	8	22	5.5	5.5	5.5	OU3-C-SD01-0204	1.98	1	21	0	1800	0
Aldrin	1	8	11	0.74	0.74 J	0.74 J	OU3-C-SD01-0204	0.945	0	0.41	1	36	0
alpha-BHC	0	8	11	0	0	0	None	1.4	0	1.1	0	97	0
alpha-Chlordane	1	8	18	58	58	58	OU3-C-SD03-0204	0.29425	1	66	0	490	0
Aroclor, Total	7	8	68000	77000	19.2	531600	BC-SO-SB8-0204A	37.75	6		0		0
Aroclor, Total (Conservative)	7	8	69000	79000	151.7	541850	BC-SO-SB8-0204A		0		0		0
Aroclor-1016	0	8	210	0	0	0	None	16.875	0		0	1000	0
Aroclor-1221	0	8	440	0	0	0	None	34.125	0		0		0
Aroclor-1232	0	8	210	0	0	0	None	16.875	0		0		0
Aroclor-1242	1	8	1100	7400	7400 *	7400 *	OU3-C-SD03-0204	16.875	1		0	1000	1
Aroclor-1248	1	8	250	330	330	330	OU3-C-SD01-0204	16.875	1		0	1000	0
Aroclor-1254	2	8	240	840	72	1600 J	BC-SO-SB8-0204A	16.875	2		0	1000	1
Aroclor-1260	0	8	210	0	0	0	None	16.875	0		0	1000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-11 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Aroclor-1262	5	8	29000	46000	11 J	230000 J	BC-SO-SB8-0204A	16.875	4		0	1000	1
Aroclor-1268	4	8	38000	75000	8.2 J	300000 J	BC-SO-SB8-0204A	16.875	3		0	1000	1
beta-BHC	0	8	11	0	0	0	None	0.8625	0	3.9	0	340	0
delta-BHC	1	8	12	4.2	4.2	4.2	OU3-C-SD01-0204	0.8625	1	1.1	1	97	0
Dieldrin	2	8	21	3.4	3.4	3.5 J	OU3-C-SD03-0204	1.6875	2	7	0	38	0
Endosulfan I	1	8	11	0.063	0.063 J	0.063 J	OU3-C-SD04-0204	0.8625	0	8400	0	410000	0
Endosulfan II	1	8	21	0.53	0.53 J	0.53 J	OU3-C-SD04-0204	0.98	0	8400	0	410000	0
Endosulfan Sulfate	0	8	21	0	0	0	None	1.6875	0	8400	0	410000	0
Endrin	3	8	21	2.8	0.06 J	6.4 J	OU3-C-SD03-0204	1.1825	2	0	3	20000	0
Endrin Aldehyde	1	8	23	18	18	18	OU3-C-SD03-0204	1.1325	1	0	1	20000	0
Endrin Ketone	1	8	22	9.2	9.2 EB	9.2 EB	OU3-C-SD01-0204	1.6875	1	0	1	20000	0
gamma-BHC	1	8	11	0.58	0.58 J	0.58 J	OU3-C-SD01-0204	0.79	0	40	0	20000	0
gamma-Chlordane	2	8	5.9	19	5.4 J	32 J	BC-SO-SB8-0204A	2.0375	2	66	0	490	0
Heptachlor	0	8	11	0	0	0	None	0.7075	0	13	0	140	0
Heptachlor Epoxide	3	8	12	4	0.075 J	11	OU3-C-SD03-0204	1.1125	1	20	0	67	0
Methoxychlor	1	8	260	1200	1200 *	1200 *	OU3-C-SD03-0204	6.825	1	8000	0	340000	0
Toxaphene	0	8	1100	0	0	0	None	86.25	0	600	0	560	0
Total Organic Carbon (mg/kg)	4	4	23000	23000	1650 J	51800	OU3-C-SD01-0204		0		0		0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-12
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Metals (µg/l)											
Aluminum	12	19	785	1230	110	4010	RM-SW-HB12-04	156.36875	11		0
Antimony	4	19	7.2	15	4.2	29.4 J	RM-SW-HB23-04	4.3625	3	14	2
Arsenic	5	19	10.5	19.6	3.6 J	51.1 J	RM-SW-HB01-01	14.3125	3	0.018	5
Barium	16	19	20.7	23.8	11.1 J	67.7 J	RM-SW-HB01-02	17.09375	7		0
Beryllium	0	16	0.43	0	0	0	None	0.45625	0	0.0077	0
Cadmium	3	19	1.2	2.1	1.5 J	2.5 J	RM-SW-HB01-02	0.9625	3	16	0
Calcium	19	19	187000	187000	109000	263000	RM-SW-HB06-04, RM-SW-HB12-04	219687.5	3		0
Chromium	9	19	12.2	22.9	6.4 J	59.2	RM-SW-HB12-04	4.975	9	170	0
Cobalt	1	19	1.3	2	2 J	2 J	RM-SW-HB02-01	1.19375	1		0
Copper	13	19	58.9	81	2.4	286 J	RM-SW-HB01-02	19.75	20		0
Iron	19	19	1290	1290	149	6710	RM-SW-HB12-04	698.25	10		0
Lead	11	19	26.6	44.5	3	147	RM-SW-HB02-01	3.9375	20	50	4
Magnesium	19	19	575000	575000	295000	873000	RM-SW-HB12-04	691312.5	4		0
Manganese	19	19	180	180	18 J	750	RM-SW-HB12-04	134.65	8		0
Mercury	3	19	0.41	2.1	0.57 J	3.5	RM-SW-HB12-04	0.14875	3	0.14	3
Nickel	1	19	6.8	41	41	41	RM-SW-HB01-02	4.6	1	610	0
Potassium	19	19	259000	259000	129000	344000	RM-SW-HB11-02	344000	0		0
Selenium	0	19	2	0	0	0	None	5.125	0	100	0
Silver	0	19	2.6	0	0	0	None	5.06875	0	105	0
Sodium	19	19	5420000	5420000	738000 J	7510000	RM-SW-HB10-02	6916125	5		0
Thallium	1	19	3.7	8.9	8.9 J	8.9 J	RM-SW-HB02-02	10.20625	0	1.7	1
Vanadium	8	18	3.9	6.1	2.1	16.8	RM-SW-HB12-04	2.08125	8		0
Zinc	8	17	34.4	61.2	23.2 J	128 J	RM-SW-HB01-02	30.09375	6		0
Semivolatile Organic Compounds (µg/l)											
1,2,4-Trichlorobenzene	0	19	5	0	0	0	None	5	0		0
1,2-Dichlorobenzene	0	19	5	0	0	0	None	5	0	2700	0
1,3-Dichlorobenzene	0	19	5	0	0	0	None	5	0		0
1,4-Dichlorobenzene	0	19	5	0	0	0	None	5	0	400	0
2,2'-oxybis(1-Chloropropane)	0	19	5	0	0	0	None	5	0		0
2,4,5-Trichlorophenol	0	19	12	0	0	0	None	12.5	0		0
2,4,6-Trichlorophenol	0	19	5	0	0	0	None	5	0		0
2,4-Dichlorophenol	0	19	5	0	0	0	None	5	0		0
2,4-Dimethylphenol	0	19	5	0	0	0	None	5	0		0
2,4-Dinitrophenol	0	19	12	0	0	0	None	12.5	0		0
2,4-Dinitrotoluene	0	19	5	0	0	0	None	5	0		0
2,6-Dinitrotoluene	0	19	5	0	0	0	None	5	0		0
2-Chloronaphthalene	0	19	5	0	0	0	None	5	0		0
2-Chlorophenol	0	19	5	0	0	0	None	5	0		0
2-Methylnaphthalene	0	19	5	0	0	0	None	5	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-12 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
2-Methylphenol	0	19	5	0	0	0	None	5	0		0
2-Nitroaniline	0	19	12	0	0	0	None	12.5	0		0
2-Nitrophenol	0	19	5	0	0	0	None	5	0		0
3,3'-Dichlorobenzidine	0	19	5	0	0	0	None	5	0	0.04	0
3-Nitroaniline	0	18	12	0	0	0	None	9.375	0		0
4,6-Dinitro-2-methylphenol	0	19	12	0	0	0	None	12.5	0		0
4-Bromophenyl-phenylether	0	19	5	0	0	0	None	5	0		0
4-Chloro-3-methylphenol	0	19	5	0	0	0	None	5	0		0
4-Chloroaniline	0	19	5	0	0	0	None	5	0		0
4-Chlorophenyl-phenylether	0	19	5	0	0	0	None	5	0		0
4-Methylphenol	0	19	5	0	0	0	None	5	0		0
4-Nitroaniline	0	19	12	0	0	0	None	12.5	0		0
4-Nitrophenol	0	19	12	0	0	0	None	12.5	0		0
Acenaphthene	0	19	5	0	0	0	None	5	0		0
Acenaphthylene	0	19	5	0	0	0	None	5	0	0.0028	0
Anthracene	0	19	5	0	0	0	None	5	0	9600	0
Benzo(a)anthracene	0	19	5	0	0	0	None	5	0	0.0028	0
Benzo(a)pyrene	0	19	5	0	0	0	None	5	0	0.0028	0
Benzo(b)fluoranthene	0	19	5	0	0	0	None	5	0	0.0028	0
Benzo(g,h,i)perylene	0	19	5	0	0	0	None	5	0	0.0028	0
Benzo(k)fluoranthene	0	19	5	0	0	0	None	5	0	0.0028	0
Bis(2-Chloroethoxy)methane	0	19	5	0	0	0	None	5	0		0
Bis(2-Chloroethyl)ether	0	19	5	0	0	0	None	5	0		0
bis(2-Ethylhexyl)phthalate	0	19	5	0	0	0	None	5	0	1.8	0
Butylbenzylphthalate	0	19	5	0	0	0	None	5	0		0
Carbazole	0	19	5	0	0	0	None	5	0		0
Chrysene	1	19	5	0.6	0.6 J	0.6 J	RM-SW-HB01-01	5	0	0.0028	2
Dibenzo(a,h)anthracene	0	19	5	0	0	0	None	5	0	0.0028	0
Dibenzofuran	0	19	5	0	0	0	None	5	0		0
Diethylphthalate	0	19	5	0	0	0	None	5	0	23000	0
Dimethylphthalate	0	19	5	0	0	0	None	5	0	313000	0
Di-n-Butylphthalate	1	19	5	0.8	0.8 J	0.8 J	RM-SW-HB06-01	5	0	2700	0
Di-n-octylphthalate	0	19	5	0	0	0	None	5	0		0
Fluoranthene	1	19	5	0.5	0.5 J	0.5 J	RM-SW-HB01-01	5	0	300	0
Fluorene	0	19	5	0	0	0	None	5	0	1300	0
Hexachlorobenzene	0	19	5	0	0	0	None	5	0	0.00075	0
Hexachlorobutadiene	0	19	5	0	0	0	None	5	0		0
Hexachlorocyclopentadiene	0	19	5	0	0	0	None	5	0		0
Hexachloroethane	0	19	5	0	0	0	None	5	0		0
Indeno(1,2,3-cd)pyrene	0	19	5	0	0	0	None	5	0	0.0028	0
Isophorone	0	19	5	0	0	0	None	5	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-12 (cont.)
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Trichloroethene	0	19	5	0	0	0	None	5	0	2.7	0
Vinyl Chloride	0	19	5	0	0	0	None	5	0	2	0
Pesticides/PCBs (µg/l)											
4,4'-DDD	1	19	0.048	0.005	0.005 J	0.005 J	RM-SW-HB20-03	0.05	0	0.00083	1
4,4'-DDE	0	19	0.05	0	0	0	None	0.05	0	0.00059	0
4,4'-DDT	0	19	0.082	0	0	0	None	0.125	0	0.00059	0
Aldrin	0	19	0.025	0	0	0	None	0.025	0	0.00013	0
alpha-BHC	3	19	0.022	0.0034	0.0023	0.0053 J	RM-SW-HB14-02	0.0222375	0	0.0039	1
alpha-Chlordane	0	19	0.025	0	0	0	None	0.0220375	0	0.00057	0
Aroclor, Total	4	19	0.3	0.16	0.14	0.19	RM-SW-HB3A-02	0.7625	0	0.000044	8
Aroclor, Total (Conservative)	4	19	0.75	2.4	2.39	2.44	RM-SW-HB3A-02		0		0
Aroclor-1016	0	19	0.37	0	0	0	None	0.53125	0	0.000044	0
Aroclor-1221	0	19	0.5	0	0	0	None	0.5	0		0
Aroclor-1232	0	19	0.29	0	0	0	None	0.34375	0		0
Aroclor-1242	0	19	0.29	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1248	0	19	0.29	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1254	0	19	0.29	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1260	0	19	0.29	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1262	0	19	0.29	0	0	0	None	0.34375	0	0.000044	0
Aroclor-1268	4	19	0.27	0.16	0.14 J	0.19 J	RM-SW-HB3A-02	0.34375	0	0.000044	4
beta-BHC	1	19	0.024	0.008	0.008 J	0.008 J	RM-SW-HB01-01	0.025	0	0.014	0
delta-BHC	0	19	0.025	0	0	0	None	0.025	0		0
Dieldrin	3	19	0.043	0.0033	0.0023 J	0.0047 J	RM-SW-HB01-02	0.05	0	0.00014	3
Endosulfan I	0	19	0.025	0	0	0	None	0.025	0	0.93	0
Endosulfan II	0	19	0.05	0	0	0	None	0.05	0	0.93	0
Endosulfan Sulfate	3	19	0.043	0.0075	0.0054 J	0.011 J	RM-SW-HB20-03	0.05	0	0.93	0
Endrin	1	19	0.048	0.009	0.009 J	0.009 J	RM-SW-HB20-03	0.05	0	0.76	0
Endrin Aldehyde	1	19	0.044	0.005	0.005 J	0.005 J	RM-SW-HB21-03	0.040625	0	0.76	0
Endrin Ketone	0	19	0.05	0	0	0	None	0.05	0		0
gamma-BHC	1	19	0.024	0.001	0.001 J	0.001 J	RM-SW-HB06-04	0.0235	0	0.019	0
gamma-Chlordane	0	19	0.42	0	0	0	None	0.953125	0	0.00057	0
Heptachlor	0	19	0.025	0	0	0	None	0.025	0	0.00021	0
Heptachlor Epoxide	0	19	0.025	0	0	0	None	0.0220625	0	0.0001	0
Methoxychlor	1	19	0.21	0.0026	0.0026 J	0.0026 J	RM-SW-HB07-01	0.15	0		0
Toxaphene	0	19	2.2	0	0	0	None	1.75	0	0.00073	0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-13
SUMMARY STATISTICS AND COMPARISON TO CRITERIA - AREA C - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
SURFACE													
Asbestos (%)	3	62	0.1	1	0.99	0.99	HBC A+1100, HBC B+1150, HBC B+1185		0		0		0
Lead (mg/kg)	29	62	159	284	39	1400	HWCO AA+500 (0.3-1.0)	80.75897436	28		0	500	1
SUBSURFACE													
Asbestos(%)	0	25	0.05	0	0	0	None		0		0		0
Lead (mg/kg)	1	25	52.4	110	110	110	HWCO D+225 (3.0-4.0)	80.75897436	1		0	500	0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-14
SUMMARY STATISTICS - AREA C - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
Metals (mg/kg)							
Arsenic	4	4	2.2	2.2	2 J	2.3 J	HB-9-TISS-SMP
Cadmium	4	4	0.55	0.55	0.44 J	0.67 J	C-2-TISS-SMP
Chromium	4	4	1.6	1.6	1.2	2.3	C-3-TISS-SMP
Copper	4	4	32.6	32.6	24.2	42.6	C-2-TISS-SMP
Lead	4	4	1.5	1.5	1	2.2	C-3-TISS-SMP
Mercury	4	4	0.1	0.1	0.095	0.11	C-2-TISS-SMP
Nickel	4	4	0.68	0.68	0.51	0.84	C-1-TISS-SMP
Silver	4	4	1.3	1.3	1.1	1.9	C-2-TISS-SMP
Zinc	4	4	62.4	62.4	58.2	68.2	C-1-TISS-SMP
Semivolatile Organic Compounds (µg/kg)							
1-Methylnaphthalene	4	4	92	92	70	110	C-3-TISS-SMP
1-Methylphenanthrene	0	4	6	0	0	0	None
2,3,5-Trimethylnaphthalene	0	4	6	0	0	0	None
2,6-Dimethylnaphthalene	0	4	6	0	0	0	None
2-Methylnaphthalene	4	4	92	92	80	110	C-3-TISS-SMP
Acenaphthene	4	4	17	17	12	23	C-1-TISS-SMP
Acenaphthylene	1	4	7	12	12	12	C-3-TISS-SMP
Anthracene	0	4	6	0	0	0	None
Benzo(a)anthracene	4	4	18	18	13	25	C-3-TISS-SMP
Benzo(a)pyrene	1	4	7	13	13	13	C-3-TISS-SMP
Benzo(b)fluoranthene	1	4	8	17	17	17	C-3-TISS-SMP
Benzo(e)pyrene	2	4	11	16	15	17	HB-9-TISS-SMP
Benzo(g,h,i)perylene	1	4	9	19	19	19	C-3-TISS-SMP
Benzo(k)fluoranthene	1	4	8	17	17	17	C-3-TISS-SMP
Biphenyl	0	4	6	0	0	0	None
Chrysene	3	4	14	17	12	22	C-3-TISS-SMP
Dibenzo(a,h)anthracene	1	4	7	12	12	12	C-3-TISS-SMP
Fluoranthene	4	4	35	35	25	44	C-3-TISS-SMP
Fluorene	1	4	7	13	13	13	C-3-TISS-SMP
Indeno(1,2,3-cd)pyrene	1	4	8	16	16	16	C-3-TISS-SMP
Naphthalene	4	4	200	200	140	230	C-3-TISS-SMP
perylene	0	4	6	0	0	0	None
Phenanthrene	4	4	66	66	56	84	C-3-TISS-SMP
Pyrene	4	4	68	68	57	83	C-3-TISS-SMP
Total PAH	4	4	440	440	349	624	C-3-TISS-SMP
Pesticides/PCBs (µg/kg)							
2,4'-DDD	0	4	2.2	0	0	0	None
2,4'-DDE	0	4	2.2	0	0	0	None
2,4'-DDT	0	4	2.2	0	0	0	None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected, NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-14 (cont.)
SUMMARY STATISTICS - AREA C - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
4,4'-DDD	1	4	3.4	6.8	6.8	6.8	C-3-TISS-SMP
4,4'-DDE	0	4	2.2	0	0	0	None
4,4'-DDT	0	4	2.2	0	0	0	None
Aldrin	0	4	2.2	0	0	0	None
alpha-BHC	0	4	2.2	0	0	0	None
alpha-Chlordane	0	4	2.2	0	0	0	None
beta-BHC	0	4	2.2	0	0	0	None
delta-BHC	0	4	2.2	0	0	0	None
Dieldrin	0	4	2.2	0	0	0	None
Endosulfan I	0	4	2.2	0	0	0	None
Endosulfan II	0	4	2.2	0	0	0	None
Endosulfan Sulfate	0	4	2.2	0	0	0	None
Endrin	0	4	2.2	0	0	0	None
Endrin Aldehyde	0	4	2.2	0	0	0	None
gamma-BHC	0	4	2.2	0	0	0	None
gamma-Chlordane	0	4	2.2	0	0	0	None
Heptachlor	0	4	2.2	0	0	0	None
Heptachlor Epoxide	0	4	2.2	0	0	0	None
Hexachlorobenzene	0	4	2.2	0	0	0	None
Methoxychlor	0	4	5.4	0	0	0	None
Mirex	0	4	2.2	0	0	0	None
Toxaphene	0	4	14	0	0	0	None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-15
AREA F: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
F	BIOTA	EPA	14-Oct-93	SP-AE-F-1					+		+										
F	BIOTA	EPA	15-Oct-93	SP-AE-F-10					+		+										
F	BIOTA	EPA	14-Oct-93	SP-AE-F-2					+		+										
F	BIOTA	EPA	14-Oct-93	SP-AE-F-3					+		+										
F	BIOTA	EPA	15-Oct-93	SP-AE-F-4					+		+										
F	BIOTA	EPA	15-Oct-93	SP-AE-F-5					+		+										
F	BIOTA	EPA	15-Oct-93	SP-AE-F-6					+		+										
F	BIOTA	EPA	15-Oct-93	SP-AE-F-7					+		+										
F	BIOTA	EPA	15-Oct-93	SP-AE-F-8					+		+										
F	BIOTA	EPA	15-Oct-93	SP-AE-F-9					+		+										
F	BIOTA	EPA	14-Oct-93	SP-AE-OF-1							+										
F	BIOTA	EPA	15-Oct-93	SP-AE-OF-10							+										
F	BIOTA	EPA	14-Oct-93	SP-AE-OF-2							+										
F	BIOTA	EPA	14-Oct-93	SP-AE-OF-3							+										
F	BIOTA	EPA	15-Oct-93	SP-AE-OF-4					+												
F	BIOTA	EPA	15-Oct-93	SP-AE-OF-5							+										
F	BIOTA	EPA	15-Oct-93	SP-AE-OF-6					+												
F	BIOTA	EPA	15-Oct-93	SP-AE-OF-7					+												
F	BIOTA	EPA	15-Oct-93	SP-AE-OF-8					+												
F	BIOTA	EPA	15-Oct-93	SP-AE-OF-9					+												
F	BIOTA	EPA	15-Oct-93	SP-PF-F-1					+		+										
F	BIOTA	EPA	15-Oct-93	SP-PF-F-2					+		+										
F	BIOTA	EPA	15-Oct-93	SP-PF-F-3					+		+										
F	BIOTA	EPA	15-Oct-93	SP-PF-F-4							+										
F	BIOTA	EPA	15-Oct-93	SP-PF-F-5					+		+										
F	BIOTA	EPA	15-Oct-93	SP-PF-F-6					+		+										
F	BIOTA	EPA	15-Oct-93	SP-PF-F-7					+		+										
F	BIOTA	EPA	15-Oct-93	SP-PF-F-8					+		+										
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-1							+										

TABLE 4-15 (cont.)
AREA F: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-2							+										
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-3							+										
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-4							+										
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-5					+												
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-6					+												
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-7					+												
F	BIOTA	EPA	15-Oct-93	SP-PF-OF-8					+												
F	BIOTA	EPA	15-Oct-93	SP-WP-WH-1					+												
F	BIOTA	EPA	15-Oct-93	SP-WP-WH-2					+												
F	BIOTA	EPA	15-Oct-93	SP-WP-WH-3					+												
F	BIOTA	EPA	15-Oct-93	SP-WP-WH-4					+												
F	BIOTA	EPA	15-Oct-93	SP-WP-WH-5							+										
F	BIOTA	EPA	15-Oct-93	SP-WP-WH-6							+										
F	BIOTA	EPA	15-Oct-93	SP-WP-WH-7							+										
F	BIOTA	SAIC	14-Apr-99	F-1					+		+								+	+	
F	BIOTA	SAIC	14-Apr-99	F-2					+		+								+	+	
F	BIOTA	SAIC	14-Apr-99	F-3					+		+								+	+	
F	PW	B&RE	11-Nov-96	RM-PW-SP15-04	0	0					+										
F	SEDIMENT	B&RE	12-Aug-94	RM-SD-SP01-01	0	0.5	+	+	+	+	+										
F	SEDIMENT	B&RE	12-Aug-94	RM-SD-SP02-01	0	0.5	+	+	+	+	+										
F	SEDIMENT	B&RE	12-Aug-94	RM-SD-SP03-01	0	0.5	+	+	+	+	+										
F	SEDIMENT	B&RE	20-Apr-94	RM-SD-SP04-03	1	1	+	+	+	+	+										
F	SEDIMENT	B&RE	20-Apr-94	RM-SD-SP05-03	0.2	0.5	+	+	+	+	+										
F	SEDIMENT	B&RE	20-Apr-94	RM-SD-SP06-03	0.2	0.5	+	+	+	+	+										
F	SEDIMENT	B&RE	20-Apr-94	RM-SD-SP07-03	0	0.5	+	+	+	+	+										
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP08-S01	0	0.4		+	+	+	+						+				
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP08-S02	0.4	1.9		+	+	+	+										
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP08-S03	1.9	3.4		+	+	+	+						+				
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP08-S04	3.4	4.9		+	+	+	+										
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP08-S05	8.5	10		+	+		+						+				

TABLE 4-15 (cont.)
AREA F: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP09-S01	0	0.2		+	+	+	+						+				
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP09-S02	0.2	1.7		+	+	+	+										
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP09-S03	1.7	3.2		+	+	+	+						+				
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP09-S04	3.2	4.7		+	+	+	+										
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP09-S05	8.5	10		+	+	+	+						+				
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP10-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP10-S02	0.5	2		+	+	+	+										
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP10-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP10-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	08-Nov-96	RM-SD-SP10-S05	8.5	10		+	+		+										
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP11-S01	0	0.4		+	+	+	+						+				
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP11-S02	0.4	1.9		+	+	+	+										
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP11-S03	1.9	3.4		+	+	+	+						+				
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP11-S04	3.4	4.9		+	+	+	+										
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP11-S05	7.5	9		+	+	+	+						+				
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP12-S01	0	0.2		+	+	+	+						+				
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP12-S02	0.2	1.7		+	+	+	+										
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP12-S03	1.7	3.2		+	+	+	+						+				
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP12-S04	3.2	5		+	+	+	+										
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP12-S05	6.9	8.4		+	+	+	+						+				
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP13-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP13-S02	0.5	2		+	+	+	+										
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP13-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP13-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	11-Nov-96	RM-SD-SP13-S05	8.5	10		+	+	+	+						+				
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP14-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP14-S02	0.5	2		+	+	+	+										

TABLE 4-15 (cont.)
AREA F: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP14-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP14-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	12-Nov-96	RM-SD-SP14-S05	8.5	10		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP15-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP15-S02	0.5	2		+	+	+	+										
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP15-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP15-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP15-S05	8.5	10		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP15-S06	12.5	14		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP16-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP16-S02	0.5	2		+	+	+	+										
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP16-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP16-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP16-S05	6.5	8.4		+	+	+	+						+				
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP16-S06	8.5	10		+	+	+	+										
F	SEDIMENT	B&RE	13-Nov-96	RM-SD-SP16-S07	11	12.5		+	+	+	+						+				
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP17-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP17-S02	0.5	2		+	+	+	+										
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP17-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP17-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP17-S05	8	9.7		+	+	+	+						+				
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP17-S06	17.7	18.1					+										
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP18-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP18-S02	0.5	2		+	+	+	+										
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP18-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP18-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	14-Nov-96	RM-SD-SP18-S05	7.25	8.75		+	+	+	+						+				

TABLE 4-15 (cont.)
AREA F: SAMPLES COLLECTED AND ANALYSES PERFORMED
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA	MATRIX	CONTRACTOR	SAMPLE DATE	SAMPLE LOCATION	INTERVAL		CLP							TCLP				OTHER			
					TOP (ft bgs)	BOTTOM (ft bgs)	VOCs	SVOCs	PEST/PCBs	DIOXINS/FURANS	METALS	ASBESTOS	TOC	TCLP VOCs	TCLP SVOCs	TCLP PEST/PCBs	TCLP METALS	SPLP METALS	PCB CONGENERS	PAH (BIOTA ONLY)	SCREENING METALS
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP19-S01	0	0.5		+	+	+	+						+				
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP19-S02	0.5	2		+	+	+	+										
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP19-S03	2	3.5		+	+	+	+						+				
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP19-S04	3.5	5		+	+	+	+										
F	SEDIMENT	B&RE	15-Nov-96	RM-SD-SP19-S05	8.8	10.8		+	+	+	+						+				
F	SW	B&RE	12-Aug-94	RM-SW-SP01-01	0	0.4	+	+	+		+										
F	SW	B&RE	12-Aug-94	RM-SW-SP02-01	3	3	+	+	+		+										
F	SW	B&RE	12-Aug-94	RM-SW-SP03-01	5	5	+	+	+		+										
F	SW	B&RE	20-Apr-95	RM-SW-SP04-03	1	1	+	+	+		+										
F	SW	B&RE	15-Nov-96	RM-SW-SP08-04	0	0					+										
F	SW	B&RE	15-Nov-96	RM-SW-SP15-04	0	0					+										
F	SW	B&RE	15-Nov-96	RM-SW-SP16-04	0	0					+										
F	SW	B&RE	15-Nov-96	RM-SW-SP17-04	0	0					+										
F	SW	B&RE	15-Nov-96	RM-SW-SP18-04	0	0					+										
F	SW	B&RE	15-Nov-96	RM-SW-SP19-04	0	0					+										
F	SW	B&RE	15-Nov-96	RM-SW-SP14-	0	0					+										
F	SW	B&RE	15-Nov-96	RM-SW-SP14-04L	0	0					+										

TABLE 4-16
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
SURFACE SEDIMENT													
Asbestos (%)	5	12	1	3	0.99	10	RM-SD-SP15-S01		0		0		0
Simultaneously Extracted Metal/Acid Volatile Sulfide (μmo/g)													
Acid Volatile Sulfide	3	3	78	78	27.01	124.41	F-1-SED-SMP		0		0		0
Cadmium	3	3	0.029	0.029	0.016	0.053	F-2-SED-SMP		0		0		0
Copper	3	3	0.39	0.39	0.109 J	0.776 J	F-3-SED-SMP		0		0		0
Lead	3	3	1.2	1.2	0.684 J	1.636 J	F-2-SED-SMP		0		0		0
Nickel	3	3	0.75	0.75	0.337 J	1.122 J	F-3-SED-SMP		0		0		0
Simultaneously Extracted Metal	3	3	18	18	12.302	21.233	F-3-SED-SMP		0		0		0
Zinc	3	3	15	15	10.968 J	18.005 J	F-3-SED-SMP		0		0		0
Dioxin/Furan (μg/kg)													
1,2,3,4,6,7,8-HpCDD	28	34	0.17	0.084	0.00001 *	0.63	F-2-SED-SMP	0.11011	8		0		0
1,2,3,4,6,7,8-HpCDF	28	34	0.075	0.057	0.00078 J	0.60971 J	RM-SD-SP14-S02	0.043245	8		0		0
1,2,3,4,7,8,9-HpCDF	5	34	0.17	0.0051	0.00234	0.01018	F-2-SED-SMP	0.00405375	2		0		0
1,2,3,4,7,8-HxCDD	5	34	0.14	0.008	0.00316	0.02068	RM-SD-SP04-03	0.002915	5		0		0
1,2,3,4,7,8-HxCDF	15	26	0.073	0.02	0.00189	0.12609 J	RM-SD-SP14-S02	0.0024325	13		0		0
1,2,3,6,7,8-HxCDD	8	34	0.22	0.012	0.0005 J	0.0344	F-2-SED-SMP	0.00585625	6		0		0
1,2,3,6,7,8-HxCDF	17	34	0.034	0.009	0.00066 J	0.04742 J	RM-SD-SP14-S02	0.0018375	13		0		0
1,2,3,7,8,9-HxCDD	7	26	0.097	0.0071	0.00183	0.01452	F-2-SED-SMP	0.003745	5		0		0
1,2,3,7,8,9-HxCDF	4	24	0.14	0.013	0.00058	0.03487	RM-SD-SP04-03	0.00289875	2		0		0
1,2,3,7,8-PeCDD	1	34	0.1	0.0067	0.00666	0.00666	F-2-SED-SMP	0.0013225	1		0		0
1,2,3,7,8-PeCDF	17	28	0.031	0.049	0.00057 J	0.76246	RM-SD-SP04-03	0.0018125	11		0		0
2,3,4,6,7,8-HxCDF	15	34	0.032	0.013	0.00099 J	0.09082 J	RM-SD-SP14-S02	0.00224875	12		0		0
2,3,4,7,8-PeCDF	15	34	0.028	0.0082	0.00075 J	0.0252	F-2-SED-SMP	0.00173375	11		0		0
2,3,7,8-TCDD	1	34	0.062	0.00059	0.00059	0.00059	F-1-SED-SMP	0.0003725	1		0		0
2,3,7,8-TCDF	30	34	0.0074	0.0083	0.00029 J	0.04815	RM-SD-SP04-03	0.00418625	12		0		0
OCDD	24	34	11.7	1.2	0.02651 J	5.66756	RM-SD-SP04-03	1.6016375	6		0		0
OCDF	21	33	0.69	0.16	0.00336	0.83632 J	RM-SD-SP14-S02	0.115875	7		0		0
Total HpCDD	26	31	0.22	0.14	0.00001 *	1.28658	RM-SD-SP04-03	0.2595375	4		0		0
Total HpCDF	24	31	0.1	0.094	0.00347 J	0.73278	RM-SD-SP04-03	0.23091	2		0		0
Total HxCDD	16	31	0.22	0.12	0.00098 J	0.84947	RM-SD-SP04-03	0.0254	5		0		0
Total HxCDF	25	31	0.16	0.19	0.00087 J	1.38396 J	RM-SD-SP14-S02	0.2633475	5		0		0
Total PeCDD	2	31	0.11	0.013	0.00089 J	0.02492	RM-SD-SP04-03	0.0013225	1		0		0
Total PeCDF	30	31	0.27	0.28	0.00112 J	3.16017 J	RM-SD-SP14-S02	0.4017375	5		0		0
Total TCDD	12	31	0.037	0.0054	0.00035 J	0.02027 J	RM-SD-SP19-S01	0.00277125	7		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Total TCDF	29	31	0.29	0.31	0.00129 J	2.59061 J	RM-SD-SP14-S02	0.25400625	9		0		0
Toxicity Equivalency	33	34	0.23	0.24	0.000412537	1.586708899	RM-SD-SP13-S01	0.00451775	17		0		0
Metals (mg/kg)													
Aluminum	31	31	5230	5230	429 J	14100 , J	RM-SD-SP04-03, RM-SD-SP07-03	11485	3		0		0
Antimony	2	25	1.3	3.4	1.2	5.5	RM-SD-SP14-S01	2.425	1		0	27	0
Arsenic	16	34	5.4	9	2.6	23.3 J	RM-SD-SP06-03	7.4125	8		0	10	6
Barium	28	31	99	109	2.6 J	853	RM-SD-SP17-S01	32.4375	14		0	4700	0
Beryllium	0	29	0.25	0	0	0	None	0.45375	0		0	2	0
Cadmium	19	34	2.3	3.8	0.16 J	17.5 J	RM-SD-SP06-03	0.30625	18		0	34	0
Calcium	27	31	4490	4740	978	33300	RM-SD-SP14-S01	2031.5	21		0		0
Chromium	34	34	80.9	80.9	3.2 J	390	F-2-SED-SMP	60.75	14		0	100	10
Cobalt	28	31	3.7	4.1	0.62	11.9	RM-SD-SP04-03	8.675	4		0	1000	0
Copper	32	34	241	256	4.6 J	1240	RM-SD-SP14-S01	160.75	16		0	2500	0
Iron	31	31	11400	11400	587	41100 J	RM-SD-SP07-03	22060	4		0		0
Lead	34	34	215	215	5	775 J	RM-SD-SP06-03	71.825	22		0	500	5
Magnesium	31	31	5330	5330	1080	25900 J	RM-SD-SP03-01	6247.5	6		0		0
Manganese	31	31	102	102	9.6	336 J	RM-SD-SP02-01	206.125	4		0	1600	0
Mercury	9	32	0.65	1.6	0.19	7.4	RM-SD-SP13-S01	0.6225	5		0	20	0
Nickel	33	33	30.3	30.3	1.4	84.8	RM-SD-SP13-S01	20.45	17		0	1400	0
Potassium	30	31	1690	1670	394	5710 J	RM-SD-SP03-01	2820	4		0		0
Selenium	3	27	2.4	12.7	6.6	18.4	RM-SD-SP12-S01	0.94125	3		0	340	0
Silver	5	28	1.9	8.3	0.3	39	RM-SD-SP14-S01	0.53	3		0	340	0
Sodium	31	31	17100	17100	2260	60500 J	RM-SD-SP03-01	8315	25		0		0
Thallium	0	25	1.8	0	0	0	None	1.075	0		0	5.4	0
Vanadium	31	31	26.4	26.4	1.2	97.2	RM-SD-SP04-03	36.05	7		0	470	0
Zinc	32	34	520	552	24	2550 J	RM-SD-SP06-03	134.275	23		0	20000	0
TCLP Metals (µg/l)													
Arsenic	9	12	24.2	30.9	10.7	59.7 J	RM-SD-SP12-S01		0	500	0		0
Barium	11	12	59.9	65.3	8.5	163	RM-SD-SP17-S01		0	10000	0		0
Cadmium	7	12	5.5	9.1	1.1	24.5 J	RM-SD-SP15-S01		0	50	0		0
Chromium	4	12	2	4.3	2.6	7.4	RM-SD-SP15-S01		0	500	0		0
Lead	10	12	139	167	15.2 J	636 J	RM-SD-SP15-S01		0	150	3		0
Mercury	0	12	0.1	0	0	0	None		0	20	0		0
Selenium	6	12	7.3	12.7	6.6 J	18.4	RM-SD-SP12-S01		0	500	0		0
Silver	0	12	1	0	0	0	None		0	360	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate,
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Semivolatile Organic Compounds (µg/kg)													
1,2,4-Trichlorobenzene	1	25	500	12	12	12	RM-SD-SP14-S01	615	0	14000	0	680000	0
1,2-Dichlorobenzene	0	25	500	0	0	0	None	615	0	3100	0	500000	0
1,3-Dichlorobenzene	0	25	500	0	0	0	None	615	0		0		0
1,4-Dichlorobenzene	0	25	500	0	0	0	None	615	0	15000	0	26000	0
1-Methylnaphthalene	3	3	98	98	21	220	F-3-SED-SMP		0		0		0
1-Methylphenanthrene	3	3	280	280	240	350	F-3-SED-SMP		0		0		0
2,2'-oxybis(1-Chloropropane)	0	25	500	0	0	0	None	615	0		0		0
2,3,5-Trimethylnaphthalene	3	3	50	50	23	100	F-3-SED-SMP		0		0		0
2,4,5-Trichlorophenol	0	25	1300	0	0	0	None	1500	0		0		0
2,4,6-Trichlorophenol	0	25	500	0	0	0	None	615	0		0		0
2,4-Dichlorophenol	0	25	500	0	0	0	None	615	0		0		0
2,4-Dimethylphenol	0	25	500	0	0	0	None	615	0	28000	0	1000000	0
2,4-Dinitrophenol	0	25	1300	0	0	0	None	1500	0		0		0
2,4-Dinitrotoluene	0	25	500	0	0	0	None	615	0		0		0
2,6-Dimethylnaphthalene	3	3	94	94	33	170	F-3-SED-SMP		0		0		0
2,6-Dinitrotoluene	0	25	500	0	0	0	None	615	0		0		0
2-Chloronaphthalene	0	25	500	0	0	0	None	615	0		0		0
2-Chlorophenol	0	25	500	0	0	0	None	615	0		0		0
2-Methylnaphthalene	10	28	400	52	22 J	130	F-3-SED-SMP	615	0	56000	0	1000000	0
2-Methylphenol	0	25	500	0	0	0	None	615	0	70000	0	1000000	0
2-Nitroaniline	0	25	1300	0	0	0	None	1500	0		0		0
2-Nitrophenol	0	25	500	0	0	0	None	615	0		0		0
3,3'-Dichlorobenzidine	0	25	520	0	0	0	None	615	0	16	0	1400	0
3-Nitroaniline	0	25	1300	0	0	0	None	1500	0		0		0
4,6-Dinitro-2-methylphenol	0	25	1300	0	0	0	None	1500	0		0		0
4-Bromophenyl-phenylether	0	25	500	0	0	0	None	615	0	82000	0	500000	0
4-Chloro-3-methylphenol	0	25	500	0	0	0	None	615	0	0	0	0	0
4-Chloroaniline	0	25	500	0	0	0	None	615	0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	25	500	0	0	0	None	615	0		0		0
4-Methylphenol	0	25	500	0	0	0	None	615	0	7000	0	340000	0
4-Nitroaniline	0	25	1300	0	0	0	None	1500	0	4200	0	200000	0
4-Nitrophenol	0	25	1300	0	0	0	None	1500	0	11000	0	540000	0
Acenaphthene	11	29	460	260	20	1200	RM-SD-SP12-S01	615	2	84000	0	1000000	0
Acenaphthylene	26	33	540	520	30 J	1800 J	RM-SD-SP06-03	615	9	84000	0	1000000	0
Anthracene	26	32	540	510	17 J	3200	F-3-SED-SMP	577.5	6	400000	0	1000000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Benzo(a)anthracene	30	34	1500	1600	70 J	11000	F-3-SED-SMP	2015	7	1000	17	1000	17
Benzo(a)pyrene	31	34	2500	2700	72 J	9700	F-3-SED-SMP	1702.5	20	1000	20	1000	20
Benzo(b)fluoranthene	31	34	2000	2200	97 J	8800	F-3-SED-SMP	3291.25	8	1000	19	1000	19
benzo(e)pyrene	3	3	4000	4000	1500	7600	F-3-SED-SMP		0		0		0
Benzo(g,h,i)perylene	25	29	1200	1300	74 J	7200	F-3-SED-SMP	927.5	12	40000	0	1000000	0
Benzo(k)fluoranthene	28	32	1600	1800	110 J	8500	F-3-SED-SMP	615	22	1000	17	8400	1
Biphenyl	3	3	140	140	30	340	F-3-SED-SMP		0		0		0
Bis(2-Chloroethoxy)methane	0	25	500	0	0	0	None	615	0		0		0
Bis(2-Chloroethyl)ether	0	25	500	0	0	0	None	615	0		0		0
bis(2-Ethylhexyl)phthalate	13	31	700	880	190 J	3600 J	RM-SD-SP03-01	617.5	3	11000	0	44000	0
Butylbenzylphthalate	10	25	510	410	16 J	1300	RM-SD-SP09-S02	615	2	200000	0	1000000	0
Carbazole	20	28	320	210	35 J	770 J	RM-SD-SP12-S02	527.5	1	360	2	31000	0
Chrysene	31	34	1900	2000	92 J	8700	F-3-SED-SMP	1937.5	14	960	22	84000	0
Di-n-Butylphthalate	16	29	3300	5200	71 J	11000	RM-SD-SP18-S01	615	13	140000	0	1000000	0
Di-n-octylphthalate	4	29	600	720	130 J	1800 J	RM-SD-SP06-03	615	1	20000	0	1000000	0
Dibenzo(a,h)anthracene	23	32	590	610	60 J	4000	RM-SD-SP12-S01	752.5	3	0.96	23	84	22
Dibenzofuran	9	25	390	49	25 J	91	RM-SD-SP12-S01	615	0	5600	0	270000	0
Diethylphthalate	1	25	530	1400	1400	1400	RM-SD-SP09-S02	615	1	1100000	0	1000000	0
Dimethylphthalate	3	25	460	160	65	260 J	RM-SD-SP19-S01	615	0	14000000	0	1000000	0
Fluoranthene	32	34	3000	3200	42 J	21000	F-3-SED-SMP	3770.75	12	56000	0	1000000	0
Fluorene	17	30	360	180	37 J	920	F-3-SED-SMP	615	1	56000	0	1000000	0
Hexachlorobenzene	0	25	500	0	0	0	None	615	0	1000	0	1000	0
Hexachlorobutadiene	0	25	500	0	0	0	None	615	0		0		0
Hexachlorocyclopentadiene	0	25	500	0	0	0	None	615	0		0		0
Hexachloroethane	0	25	500	0	0	0	None	615	0		0		0
Indeno(1,2,3-cd)pyrene	28	32	1200	1300	60 J	8500	F-3-SED-SMP	1552.5	8	9.6	28	840	14
Isophorone	0	25	500	0	0	0	None	615	0		0		0
N-Nitroso-di-n-propylamine	0	25	500	0	0	0	None	615	0	1	0	88	0
N-Nitroso-diphenylamine	0	25	500	0	0	0	None	615	0	1400	0	130000	0
Naphthalene	10	28	410	72	17	200	F-2-SED-SMP	615	0	56000	0	1000000	0
Nitrobenzene	0	25	500	0	0	0	None	615	0		0		0
Pentachlorophenol	0	25	1300	0	0	0	None	1500	0	1000	0	5100	0
perylene	3	3	1200	1200	420	2400	F-3-SED-SMP		0		0		0
Phenanthrene	30	34	1300	1500	63 J	7800 B	F-3-SED-SMP	1900	8	40000	0	1000000	0
Phenol	0	25	500	0	0	0	None	615	0	800000	0	1000000	0
Pyrene	32	34	2700	2800	29 J	17000	F-3-SED-SMP	2485.5	16	40000	0	1000000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Total PAH	32	34	20000	21000	71	116010	F-3-SED-SMP		0		0		0
Volatile Organic Compounds (µg/kg)													
1,1,1-Trichloroethane	0	1	6	0	0	0	None	9.875	0	40000	0	500000	0
1,1,2,2-Tetrachloroethane	0	1	6	0	0	0	None	9.875	0	100	0	3100	0
1,1,2-Trichloroethane	0	1	6	0	0	0	None	9.875	0	1000	0	11000	0
1,1-Dichloroethane	0	1	6	0	0	0	None	9.875	0	14000	0	500000	0
1,1-Dichloroethene	0	1	6	0	0	0	None	9.875	0	1400	0	1000	0
1,2-Dichloroethane	0	1	6	0	0	0	None	9.875	0	200	0	6700	0
1,2-Dichloroethene (total)	0	1	6	0	0	0	None		0	14000	0	500000	0
1,2-Dichloropropane	0	1	6	0	0	0	None	9.875	0		0		0
2-Butanone	1	2	58	110	110 J	110 J	RM-SD-SP07-03	9.875	1	80000	0	500000	0
2-Hexanone	0	1	6	0	0	0	None	9.875	0	56000	0	500000	0
4-Methyl-2-Pentanone	0	1	6	0	0	0	None	9.875	0	14000	0	500000	0
Acetone	3	4	330	440	280	620 J	RM-SD-SP07-03	30.25	3	140000	0	500000	0
Benzene	1	2	7	8	8 J	8 J	RM-SD-SP02-01	9.875	0	200	0	21000	0
Bromodichloromethane	0	1	6	0	0	0	None	9.875	0	110	0	9900	0
Bromoform	0	1	6	0	0	0	None	9.875	0	800	0	78000	0
Bromomethane	0	2	28	0	0	0	None	9.875	0		0		0
Carbon Disulfide	6	7	36	40	13 J	110 J	RM-SD-SP07-03	13.625	5	140000	0	500000	0
Carbon Tetrachloride	0	1	6	0	0	0	None	9.875	0		0		0
Chlorobenzene	0	1	6	0	0	0	None	9.875	0	20000	0	500000	0
Chloroethane	0	1	6	0	0	0	None	9.875	0	2400	0	210000	0
Chloroform	0	1	6	0	0	0	None	9.875	0	1200	0	100000	0
Chloromethane	0	1	6	0	0	0	None	9.875	0	540	0	47000	0
cis-1,3-Dichloropropene	0	1	6	0	0	0	None	9.875	0		0		0
Dibromochloromethane	0	1	6	0	0	0	None	9.875	0		0		0
Ethylbenzene	0	1	6	0	0	0	None	9.875	0	10100	0	500000	0
Methylene Chloride	0	6	30	0	0	0	None	9.875	0	1000	0	82000	0
Styrene	0	1	6	0	0	0	None	9.875	0	20000	0	500000	0
Tetrachloroethene	0	1	6	0	0	0	None	9.875	0	1000	0	12000	0
Toluene	0	1	6	0	0	0	None	9.375	0	67000	0	500000	0
Total Xylenes	0	1	6	0	0	0	None	9.875	0	19500	0	500000	0
trans-1,3-Dichloropropene	0	1	6	0	0	0	None	9.875	0		0		0
Trichloroethene	0	1	6	0	0	0	None	9.875	0	1000	0	56000	0
Vinyl Chloride	0	1	6	0	0	0	None	9.875	0	400	0	320	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Pesticides/PCBs (µg/kg)													
2,4'-DDD	0	3	2.4	0	0	0	None		0		0		0
2,4'-DDE	1	3	4.5	7.3	7.3	7.3	F-1-SED-SMP		0		0		0
2,4'-DDT	0	3	2.4	0	0	0	None		0		0		0
4,4'-DDD	21	34	28	34	0.39 J	120	F-3-SED-SMP	2.3075	20	29	9	2600	0
4,4'-DDE	24	34	24	24	0.41 J	99	F-3-SED-SMP	1.035	21	21	9	1800	0
4,4'-DDT	23	34	19	16	0.69 J	58.7	RM-SD-SP10-S02	1.98	21	21	6	1800	0
Aldrin	21	34	9.3	8.6	0.4 J	24	RM-SD-SP18-S01	0.945	19	0.41	20	36	0
alpha-BHC	5	34	6	0.63	0.16 J	1.49 J	RM-SD-SP09-S01	1.4	1	1.1	1	97	0
alpha-Chlordane	11	34	7.1	5.2	0.068 J	11.4	RM-SD-SP10-S01	0.29425	10	66	0	490	0
Aroclor, Total	6	31	400	1700	40	6125	RM-SD-SP15-S01	37.75	6		0		0
Aroclor, Total (Conservative)	6	31	1100	5300	305.5	19413	RM-SD-SP14-S02		0		0		0
Aroclor-1016	0	31	130	0	0	0	None	16.875	0		0	1000	0
Aroclor-1221	0	31	260	0	0	0	None	34.125	0		0		0
Aroclor-1232	0	31	130	0	0	0	None	16.875	0		0		0
Aroclor-1242	0	31	130	0	0	0	None	16.875	0		0	1000	0
Aroclor-1248	0	31	130	0	0	0	None	16.875	0		0	1000	0
Aroclor-1254	0	31	130	0	0	0	None	16.875	0		0	1000	0
Aroclor-1260	0	31	130	0	0	0	None	16.875	0		0	1000	0
Aroclor-1262	2	31	160	490	400 J	581	RM-SD-SP16-S01	16.875	2		0	1000	0
Aroclor-1268	4	31	360	2400	40 J	6125	RM-SD-SP15-S01	16.875	4		0	1000	2
beta-BHC	0	34	6.2	0	0	0	None	0.8625	0	3.9	0	340	0
delta-BHC	0	34	6.2	0	0	0	None	0.8625	0	1.1	0	97	0
Dieldrin	14	34	12	7.1	0.13 J	27.4	RM-SD-SP12-S01	1.6875	10	7	5	38	0
Endosulfan I	5	34	8.6	18	5.58	33.1	RM-SD-SP09-S01	0.8625	5	8400	0	410000	0
Endosulfan II	18	34	17	28	5.29 J	77.8	RM-SD-SP12-S01	0.98	18	8400	0	410000	0
Endosulfan Sulfate	9	34	12	14	2.65 J	44.4	RM-SD-SP12-S01	1.6875	9	8400	0	410000	0
Endrin	14	34	13	6.7	0.14 J	18.7	RM-SD-SP18-S01	1.1825	12	0	14	20000	0
Endrin Aldehyde	17	31	19	15	0.17 J	42.9	RM-SD-SP09-S02	1.1325	16	0	17	20000	0
Endrin Ketone	3	31	13	3.7	0.63 J	8	RM-SD-SP04-03	1.6875	2	0	3	20000	0
gamma-BHC	3	34	6	0.81	0.68 J	1 J	RM-SD-SP06-03	0.79	1	40	0	20000	0
gamma-Chlordane	10	34	7.4	17	0.098 J	130 J	RM-SD-SP14-S02	2.0375	5	66	1	490	0
Heptachlor	3	34	6.1	0.83	0.15 J	1.19 J	RM-SD-SP17-S01	0.7075	2	13	0	140	0
Heptachlor Epoxide	7	34	6	0.9	0.12 J	2.21 J	RM-SD-SP09-S01	1.1125	2	20	0	67	0
Hexachlorobenzene	0	3	2.4	0	0	0	None	615	0	1000	0	1000	0
Methoxychlor	6	34	57	33	13.8	50.5	RM-SD-SP12-S01	6.825	6	8000	0	340000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Mirex	0	3	2.4	0	0	0	None		0		0		0
Toxaphene	0	34	600	0	0	0	None	86.25	0	600	0	560	0
Total Organic Carbon (mg/kg)	3	3	110000	110000	41000	143000	F-2-SED-SMP		0		0		0
Total Organic Material (mg/kg)	3	3	250000	250000	94000	331000	F-2-SED-SMP		0		0		0
SUBSURFACE SEDIMENT													
Asbestos (%)	1	26	0.05	0.1	0.1	0.1	RM-SD-SP15-S03		0		0		0
Dioxin/Furan (µg/kg)													
1,2,3,4,6,7,8-HpCDD	3	37	0.002	0.0047	0.00221 J	0.00858 J	RM-SD-SP09-S03	0.11011	0		0		0
1,2,3,4,6,7,8-HpCDF	4	29	0.0014	0.003	0.0014 J	0.00469 J	RM-SD-SP15-S04	0.043245	0		0		0
1,2,3,4,7,8,9-HpCDF	2	37	0.0039	0.0072	0.00147 J	0.01293 J	RM-SD-SP11-S03	0.00405375	1		0		0
1,2,3,4,7,8-HxCDD	0	37	0.00066	0	0	0	None	0.002915	0		0		0
1,2,3,4,7,8-HxCDF	2	21	0.00035	0.001	0.00067 J	0.00134 J	RM-SD-SP10-S03	0.0024325	0		0		0
1,2,3,6,7,8-HxCDD	0	37	0.001	0	0	0	None	0.00585625	0		0		0
1,2,3,6,7,8-HxCDF	0	37	0.00035	0	0	0	None	0.0018375	0		0		0
1,2,3,7,8,9-HxCDD	0	28	0.00072	0	0	0	None	0.003745	0		0		0
1,2,3,7,8,9-HxCDF	0	18	0.00081	0	0	0	None	0.00289875	0		0		0
1,2,3,7,8-PeCDD	0	37	0.00054	0	0	0	None	0.0013225	0		0		0
1,2,3,7,8-PeCDF	1	18	0.00044	0.00079	0.00079 J	0.00079 J	RM-SD-SP09-S03	0.0018125	0		0		0
2,3,4,6,7,8-HxCDF	0	37	0.0005	0	0	0	None	0.00224875	0		0		0
2,3,4,7,8-PeCDF	1	37	0.00082	0.00094	0.00093999 J	0.00093999 J	RM-SD-SP09-S03	0.00173375	0		0		0
2,3,7,8-TCDD	1	37	0.0003	0.00063	0.00063 J	0.00063 J	RM-SD-SP19-S04	0.0003725	1		0		0
2,3,7,8-TCDF	7	36	0.00034	0.00052	0.00018 J	0.00087 J	RM-SD-SP15-S04, RM-SD-SP19-S04	0.00418625	0		0		0
OCDD	11	34	0.02	0.043	0.01085 J	0.09476 J	RM-SD-SP13-S04	1.6016375	0		0		0
OCDF	2	28	0.0034	0.012	0.00501 J	0.01824 J	RM-SD-SP12-S04	0.115875	0		0		0
Total HpCDD	9	37	0.0027	0.0061	0.00221 J	0.01946 J	RM-SD-SP09-S03	0.2595375	0		0		0
Total HpCDF	6	37	0.0042	0.0098	0.00182 J	0.02439 J	RM-SD-SP11-S03	0.23091	0		0		0
Total HxCDD	7	37	0.0012	0.0029	0.0005 J	0.00573 J	RM-SD-SP17-S05	0.0254	0		0		0
Total HxCDF	4	37	0.001	0.0055	0.00026 J	0.01563 J	RM-SD-SP09-S03	0.2633475	0		0		0
Total PeCDD	4	37	0.00087	0.0036	0.00058 J	0.01093 J	RM-SD-SP11-S04	0.0013225	2		0		0
Total PeCDF	6	37	0.002	0.0074	0.00041 J	0.01867 J	RM-SD-SP09-S03	0.4017375	0		0		0
Total TCDD	13	37	0.0025	0.0065	0.00083 J	0.02578 J	RM-SD-SP16-S06	0.00277125	5		0		0
Total TCDF	19	36	0.0049	0.009	0.00018 J	0.05497 J	RM-SD-SP16-S06	0.25400625	0		0		0
Toxicity Equivalency	19	37	0.0013	0.0015	0.000467235	0.002385304	RM-SD-SP10-S03	0.00451775	0		0		0
Metals (mg/kg)													
Aluminum	40	40	1690	1690	70.9 J	7920 J	RM-SD-SP17-S06	11485	0		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Antimony	1	40	1.6	12.4	12.4 J	12.4 J	RM-SD-SP17-S05	2.425	1		0	27	0
Arsenic	0	40	2.1	0	0	0	None	7.4125	0		0	10	0
Barium	29	40	7	8.7	1.1 J	108	RM-SD-SP17-S03	32.4375	1		0	4700	0
Beryllium	0	40	0.27	0	0	0	None	0.45375	0		0	2	0
Cadmium	0	40	0.27	0	0	0	None	0.30625	0		0	34	0
Calcium	40	40	2780	2780	1300	4570	RM-SD-SP08-S04	2031.5	30		0		0
Chromium	39	40	27.9	28.6	0.89	505 J	RM-SD-SP09-S03	60.75	3		0	100	2
Cobalt	15	40	1.1	2.5	0.61 J	8.4	RM-SD-SP09-S03	8.675	0		0	1000	0
Copper	29	40	8.3	9.9	2.6 J	30 J	RM-SD-SP14-S03	160.75	0		0	2500	0
Iron	39	40	1860	1910	128	10100	RM-SD-SP14-S03	22060	0		0		0
Lead	31	40	12.9	16.3	1.1 J	294	RM-SD-SP17-S05	71.825	1		0	500	0
Magnesium	40	40	4040	4040	2330	6530	RM-SD-SP08-S04	6247.5	1		0		0
Manganese	40	40	27.3	27.3	3.6	95.8	RM-SD-SP16-S04	206.125	0		0	1600	0
Mercury	1	40	0.41	1.6	1.6	1.6	RM-SD-SP19-S04	0.6225	1		0	20	0
Nickel	34	40	22.6	26.4	2.3	395	RM-SD-SP09-S03	20.45	3		0	1400	0
Potassium	40	40	1020	1020	594	1530 , J	RM-SD-SP08-S04, RM-SD-SP16-S04	2820	0		0		0
Selenium	1	40	1.1	2.2	2.2 J	2.2 J	RM-SD-SP19-S05	0.94125	1		0	340	0
Silver	0	40	0.53	0	0	0	None	0.53	0		0	340	0
Sodium	40	40	17800	17800	6100	30700	RM-SD-SP08-S04	8315	36		0		0
Thallium	0	40	2.4	0	0	0	None	1.075	0		0	5.4	0
Vanadium	25	40	2.6	4	0.43	13.1	RM-SD-SP14-S03	36.05	0		0	470	0
Zinc	30	40	27.3	32.7	11.9 J	105	RM-SD-SP17-S03	134.275	0		0	20000	0
TCLP Metals (µg/l)													
Arsenic	3	25	4.6	9.3	9 J	9.7 J	RM-SD-SP17-S03		0	500	0		0
Barium	25	25	18.8	18.8	3.5	171	RM-SD-SP17-S03		0	10000	0		0
Cadmium	1	25	0.53	1.3	1.3 J	1.3 J	RM-SD-SP16-S07		0	50	0		0
Chromium	1	25	0.54	1.5	1.5	1.5	RM-SD-SP14-S03		0	500	0		0
Lead	7	25	5	15.3	3.7 J	46.2 J	RM-SD-SP15-S03		0	150	0		0
Mercury	0	25	0.1	0	0	0	None		0	20	0		0
Selenium	10	25	5.8	11.5	4.5 J	19.9	RM-SD-SP12-S03		0	500	0		0
Silver	0	25	1	0	0	0	None		0	360	0		0
Semivolatile Organic Compounds (µg/kg)													
1,2,4-Trichlorobenzene	0	39	740	0	0	0	None	615	0	14000	0	680000	0
1,2-Dichlorobenzene	0	39	740	0	0	0	None	615	0	3100	0	500000	0
1,3-Dichlorobenzene	0	39	740	0	0	0	None	615	0		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
1,4-Dichlorobenzene	0	39	740	0	0	0	None	615	0	15000	0	26000	0
2,2'-oxybis(1-Chloropropane)	0	39	740	0	0	0	None	615	0		0		0
2,4,5-Trichlorophenol	0	38	1800	0	0	0	None	1500	0		0		0
2,4,6-Trichlorophenol	0	38	720	0	0	0	None	615	0		0		0
2,4-Dichlorophenol	0	38	720	0	0	0	None	615	0		0		0
2,4-Dimethylphenol	0	38	720	0	0	0	None	615	0	28000	0	1000000	0
2,4-Dinitrophenol	0	38	1800	0	0	0	None	1500	0		0		0
2,4-Dinitrotoluene	0	39	740	0	0	0	None	615	0		0		0
2,6-Dinitrotoluene	0	39	740	0	0	0	None	615	0		0		0
2-Chloronaphthalene	0	39	740	0	0	0	None	615	0		0		0
2-Chlorophenol	0	38	720	0	0	0	None	615	0		0		0
2-Methylnaphthalene	0	39	740	0	0	0	None	615	0	56000	0	1000000	0
2-Methylphenol	0	38	720	0	0	0	None	615	0	70000	0	1000000	0
2-Nitroaniline	0	39	1800	0	0	0	None	1500	0		0		0
2-Nitrophenol	0	38	720	0	0	0	None	615	0		0		0
3,3'-Dichlorobenzidine	0	39	740	0	0	0	None	615	0	16	0	1400	0
3-Nitroaniline	0	39	1800	0	0	0	None	1500	0		0		0
4,6-Dinitro-2-methylphenol	0	38	1800	0	0	0	None	1500	0		0		0
4-Bromophenyl-phenylether	0	39	740	0	0	0	None	615	0	82000	0	500000	0
4-Chloro-3-methylphenol	0	38	720	0	0	0	None	615	0	0	0	0	0
4-Chloroaniline	0	39	740	0	0	0	None	615	0	5600	0	270000	0
4-Chlorophenyl-phenylether	0	39	740	0	0	0	None	615	0		0		0
4-Methylphenol	0	38	720	0	0	0	None	615	0	7000	0	340000	0
4-Nitroaniline	0	39	1800	0	0	0	None	1500	0	4200	0	200000	0
4-Nitrophenol	0	38	1800	0	0	0	None	1500	0	11000	0	540000	0
Acenaphthene	1	39	730	18	18 J	18 J	RM-SD-SP14-S04	615	0	84000	0	1000000	0
Acenaphthylene	4	39	690	84	21 J	170 J	RM-SD-SP16-S05	615	0	84000	0	1000000	0
Anthracene	3	39	720	21	18 J	27 J	RM-SD-SP15-S03	577.5	0	400000	0	1000000	0
Benzo(a)anthracene	5	39	670	140	35 J	400 J	RM-SD-SP11-S04	2015	0	1000	0	1000	0
Benzo(a)pyrene	6	39	710	390	77 J	1500 J	RM-SD-SP11-S04	1702.5	0	1000	1	1000	1
Benzo(b)fluoranthene	6	39	690	250	80 J	920 J	RM-SD-SP11-S04	3291.25	0	1000	0	1000	0
Benzo(g,h,i)perylene	6	39	670	130	42 J	400 J	RM-SD-SP11-S04	927.5	0	40000	0	1000000	0
Benzo(k)fluoranthene	6	39	690	250	90 J	860 J	RM-SD-SP11-S04	615	1	1000	0	8400	0
Bis(2-Chloroethoxy)methane	0	39	740	0	0	0	None	615	0		0		0
Bis(2-Chloroethyl)ether	0	39	740	0	0	0	None	615	0		0		0
bis(2-Ethylhexyl)phthalate	15	39	600	470	160 J	3100	RM-SD-SP09-S03	617.5	2	11000	0	44000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Butylbenzylphthalate	9	39	790	820	64 J	2600	RM-SD-SP09-S03	615	4	200000	0	1000000	0
Carbazole	3	39	710	13	7 J	19 J	RM-SD-SP15-S03	527.5	0	360	0	31000	0
Chrysene	6	39	680	220	62 J	750 J	RM-SD-SP11-S04	1937.5	0	960	0	84000	0
Di-n-Butylphthalate	22	39	4300	6400	610 J	23000	RM-SD-SP08-S04	615	21	140000	0	1000000	0
Di-n-octylphthalate	1	39	720	37	37 J	37 J	RM-SD-SP17-S04	615	0	20000	0	1000000	0
Dibenzo(a,h)anthracene	3	39	720	29	11 J	56 J	RM-SD-SP15-S03	752.5	0	0.96	3	84	0
Dibenzofuran	0	39	740	0	0	0	None	615	0	5600	0	270000	0
Diethylphthalate	2	39	770	1400	1300 J	1600 J	RM-SD-SP13-S03	615	2	1100000	0	1000000	0
Dimethylphthalate	2	39	710	88	65 J	110 J	RM-SD-SP09-S04	615	0	14000000	0	1000000	0
Fluoranthene	7	39	690	320	81 J	1300 J	RM-SD-SP11-S04	3770.75	0	56000	0	1000000	0
Fluorene	2	39	730	16	13 J	18 J	RM-SD-SP14-S04	615	0	56000	0	1000000	0
Hexachlorobenzene	0	39	740	0	0	0	None	615	0	1000	0	1000	0
Hexachlorobutadiene	0	39	740	0	0	0	None	615	0		0		0
Hexachlorocyclopentadiene	0	39	740	0	0	0	None	615	0		0		0
Hexachloroethane	0	39	740	0	0	0	None	615	0		0		0
Indeno(1,2,3-cd)pyrene	6	39	670	120	40 J	400 J	RM-SD-SP11-S04	1552.5	0	9.6	6	840	0
Isophorone	0	39	740	0	0	0	None	615	0		0		0
N-Nitroso-di-n-propylamine	0	39	740	0	0	0	None	615	0	1	0	88	0
N-Nitroso-diphenylamine	0	39	740	0	0	0	None	615	0	1400	0	130000	0
Naphthalene	0	39	740	0	0	0	None	615	0	56000	0	1000000	0
Nitrobenzene	0	39	740	0	0	0	None	615	0		0		0
Pentachlorophenol	0	38	1800	0	0	0	None	1500	0	1000	0	5100	0
Phenanthrene	4	39	700	170	53 J	420 J	RM-SD-SP11-S04	1900	0	40000	0	1000000	0
Phenol	0	38	720	0	0	0	None	615	0	800000	0	1000000	0
Pyrene	7	39	680	300	90 J	1200 J	RM-SD-SP11-S04	2485.5	0	40000	0	1000000	0
Total PAH	8	39	980	1800	170	8266	RM-SD-SP11-S04		0		0		0
Pesticides/PCBs (µg/kg)													
4,4'-DDD	4	39	7.9	9.7	1.19 J	15.7 J	RM-SD-SP17-S04	2.3075	3	29	0	2600	0
4,4'-DDE	2	39	7.6	5.7	4.22 J	7.1 J	RM-SD-SP17-S04	1.035	2	21	0	1800	0
4,4'-DDT	0	39	7.6	0	0	0	None	1.98	0	21	0	1800	0
Aldrin	3	39	3.8	1.8	0.86 J	3.65 J	RM-SD-SP15-S03	0.945	1	0.41	3	36	0
alpha-BHC	4	39	3.8	3.9	1.61 J	8.59 J	RM-SD-SP13-S03	1.4	4	1.1	4	97	0
alpha-Chlordane	4	39	3.9	5.2	2.57 J	8.06 J	RM-SD-SP10-S03	0.29425	4	66	0	490	0
Aroclor, Total	0	39	86	0	0	0	None	37.75	0		0		0
Aroclor, Total (Conservative)	0	39	76	0	0	0	None		0		0		0
Aroclor-1016	0	39	76	0	0	0	None	16.875	0		0	1000	0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-16 (cont.)
SUMMARY STATISTICS - AREA F - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK -FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT PMC	Number of Exceedances of CT PMC	CT DEC	Number of Exceedances of CT DEC
Aroclor-1221	0	39	150	0	0	0	None	34.125	0		0		0
Aroclor-1232	0	39	78	0	0	0	None	16.875	0		0		0
Aroclor-1242	0	39	78	0	0	0	None	16.875	0		0	1000	0
Aroclor-1248	0	39	78	0	0	0	None	16.875	0		0	1000	0
Aroclor-1254	0	39	78	0	0	0	None	16.875	0		0	1000	0
Aroclor-1260	0	39	78	0	0	0	None	16.875	0		0	1000	0
Aroclor-1262	0	39	78	0	0	0	None	16.875	0		0	1000	0
Aroclor-1268	0	39	78	0	0	0	None	16.875	0		0	1000	0
beta-BHC	0	39	3.8	0	0	0	None	0.8625	0	3.9	0	340	0
delta-BHC	0	39	3.8	0	0	0	None	0.8625	0	1.1	0	97	0
Dieldrin	8	39	7.5	6.8	2.58 J	23.4	RM-SD-SP19-S04	1.6875	8	7	2	38	0
Endosulfan I	1	39	3.8	1.4	1.44 J	1.44 J	RM-SD-SP16-S03	0.8625	1	8400	0	410000	0
Endosulfan II	14	39	7.5	5.3	1.09 J	11.2 J	RM-SD-SP15-S06	0.98	14	8400	0	410000	0
Endosulfan Sulfate	0	39	7.6	0	0	0	None	1.6875	0	8400	0	410000	0
Endrin	5	39	7.5	6.3	2.74 J	12 J	RM-SD-SP16-S06	1.1825	5	0	5	20000	0
Endrin Aldehyde	4	39	8.1	9.8	1.79 J	17.7	RM-SD-SP16-S03	1.1325	4	0	4	20000	0
Endrin Ketone	0	39	7.6	0	0	0	None	1.6875	0	0	0	20000	0
gamma-BHC	1	39	3.8	0.85	0.85 J	0.85 J	RM-SD-SP18-S05	0.79	1	40	0	20000	0
gamma-Chlordane	5	39	4.5	9.2	0.54 J	27.3	RM-SD-SP16-S03	2.0375	4	66	0	490	0
Heptachlor	0	39	3.8	0	0	0	None	0.7075	0	13	0	140	0
Heptachlor Epoxide	3	39	3.8	3.2	1.09 J	4.34 J	RM-SD-SP15-S05	1.1125	2	20	0	67	0
Methoxychlor	0	39	39	0	0	0	None	6.825	0	8000	0	340000	0
Toxaphene	0	39	390	0	0	0	None	86.25	0	600	0	560	0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-17
SUMMARY STATISTICS - AREA F - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Metals (µg/l)											
Aluminum	2	12	94.1	353	144.25	561	RM-SW-SP19-04		0		0
Antimony	1	12	3.8	6.2	6.25	6.25	RM-SW-SP14-04H	60	0		0
Arsenic	1	12	4	8	8	8	RM-SW-SP14-04H	500	0		0
Barium	5	12	8.8	9.8	8.4	13.85	RM-SW-SP14-04H	10000	0		0
Beryllium	1	11	0.55	1	1	1	RM-SW-SP14-04H	40	0		0
Cadmium	1	12	0.72	1	1	1	RM-SW-SP14-04H	50	0		0
Calcium	12	12	205000	205000	164000	280000	RM-SW-SP01-01		0		0
Chromium	1	12	2.7	3.7	3.7	3.7	RM-SW-SP14-04H	500	0		0
Cobalt	1	7	1.2	1	1	1	RM-SW-SP14-04H		0		0
Copper	1	12	12.4	18.6	18.55	18.55	RM-SW-SP14-04H	13000	0		0
Iron	6	12	515	704	159	1520 J	RM-SW-SP14-04L		0		0
Lead	1	12	3.2	5.6	5.6	5.6	RM-SW-SP14-04H	150	0		0
Magnesium	12	12	647000	647000	519000	888000	RM-SW-SP01-01		0		0
Manganese	11	12	55.5	60.3	26.8	149 J	RM-SW-SP03-01		0		0
Mercury	1	12	0.1	0.2	0.2	0.2	RM-SW-SP14-04H	20	0		0
Nickel	1	8	11.7	42.9	42.9	42.9	RM-SW-SP14-04H	1000	0		0
Potassium	12	12	343000	343000	231500	417000	RM-SW-SP14-04L		0		0
Selenium	1	12	2.1	4	4	4	RM-SW-SP14-04H	500	0		0
Silver	5	12	3.6	5.1	2	9	RM-SW-SP08-04	360	0		0
Sodium	12	12	5300000	5300000	4250000	9040000	RM-SW-SP01-01		0		0
Thallium	1	12	4.5	9	9	9	RM-SW-SP14-04H	50	0		0
Vanadium	8	12	2.2	2.4	1.3 J	4 J	RM-SW-SP18-04	500	0		0
Zinc	1	12	30.6	64.6	64.55	64.55	RM-SW-SP14-04H	50000	0		0
Semivolatile Organic Compounds (µg/l)											
1,2,4-Trichlorobenzene	0	4	5	0	0	0	None		0		0
1,2-Dichlorobenzene	0	4	5	0	0	0	None		0		0
1,3-Dichlorobenzene	0	4	5	0	0	0	None		0		0
1,4-Dichlorobenzene	0	4	5	0	0	0	None		0		0
2,2'-oxybis(1-Chloropropane)	0	4	5	0	0	0	None		0		0
2,4,5-Trichlorophenol	0	4	12	0	0	0	None		0		0
2,4,6-Trichlorophenol	0	4	5	0	0	0	None		0		0
2,4-Dichlorophenol	0	4	5	0	0	0	None		0		0
2,4-Dimethylphenol	0	4	5	0	0	0	None		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-17 (cont.)
SUMMARY STATISTICS - AREA F - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
2,4-Dimethylphenol	0	4	5	0	0	0	None		0		0
2,4-Dinitrophenol	0	4	12	0	0	0	None		0		0
2,4-Dinitrotoluene	0	4	5	0	0	0	None		0		0
2,6-Dinitrotoluene	0	4	5	0	0	0	None		0		0
2-Chloronaphthalene	0	4	5	0	0	0	None		0		0
2-Chlorophenol	0	4	5	0	0	0	None		0		0
2-Methylnaphthalene	0	4	5	0	0	0	None		0		0
2-Methylphenol	0	4	5	0	0	0	None		0		0
2-Nitroaniline	0	4	12	0	0	0	None		0		0
2-Nitrophenol	0	4	5	0	0	0	None		0		0
3,3'-Dichlorobenzidine	0	4	5	0	0	0	None		0		0
3-Nitroaniline	0	4	12	0	0	0	None		0		0
4,6-Dinitro-2-methylphenol	0	4	12	0	0	0	None		0		0
4-Bromophenyl-phenylether	0	4	5	0	0	0	None		0		0
4-Chloro-3-methylphenol	0	4	5	0	0	0	None		0		0
4-Chloroaniline	0	4	5	0	0	0	None		0		0
4-Chlorophenyl-phenylether	0	4	5	0	0	0	None		0		0
4-Methylphenol	0	4	5	0	0	0	None		0		0
4-Nitroaniline	0	4	12	0	0	0	None		0		0
4-Nitrophenol	0	4	12	0	0	0	None		0		0
Acenaphthene	0	4	5	0	0	0	None		0		0
Acenaphthylene	0	4	5	0	0	0	None		0		0
Anthracene	0	4	5	0	0	0	None		0		0
Benzo(a)anthracene	0	4	5	0	0	0	None		0		0
Benzo(a)pyrene	0	4	5	0	0	0	None		0		0
Benzo(b)fluoranthene	0	4	5	0	0	0	None		0		0
Benzo(g,h,i)perylene	0	4	5	0	0	0	None		0		0
Benzo(k)fluoranthene	0	4	5	0	0	0	None		0		0
Bis(2-Chloroethoxy)methane	0	4	5	0	0	0	None		0		0
Bis(2-Chloroethyl)ether	0	4	5	0	0	0	None		0		0
bis(2-Ethylhexyl)phthalate	0	4	5	0	0	0	None		0		0
Butylbenzylphthalate	0	4	5	0	0	0	None		0		0
Carbazole	0	4	5	0	0	0	None		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-17 (cont.)
SUMMARY STATISTICS - AREA F - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Chrysene	0	4	5	0	0	0	None		0		0
Di-n-Butylphthalate	0	4	5	0	0	0	None		0		0
Di-n-octylphthalate	0	4	5	0	0	0	None		0		0
Dibenzo(a,h)anthracene	0	4	5	0	0	0	None		0		0
Dibenzofuran	0	4	5	0	0	0	None		0		0
Diethylphthalate	0	4	5	0	0	0	None		0		0
Dimethylphthalate	0	4	5	0	0	0	None		0		0
Fluoranthene	0	4	5	0	0	0	None		0		0
Fluorene	0	4	5	0	0	0	None		0		0
Hexachlorobenzene	0	4	5	0	0	0	None		0		0
Hexachlorobutadiene	0	4	5	0	0	0	None		0		0
Hexachlorocyclopentadiene	0	4	5	0	0	0	None		0		0
Hexachloroethane	0	4	5	0	0	0	None		0		0
Indeno(1,2,3-cd)pyrene	0	4	5	0	0	0	None		0		0
Isophorone	0	4	5	0	0	0	None		0		0
N-Nitroso-di-n-propylamine	0	4	5	0	0	0	None		0		0
N-Nitroso-diphenylamine	0	4	5	0	0	0	None		0		0
Naphthalene	0	4	5	0	0	0	None		0		0
Nitrobenzene	0	4	5	0	0	0	None		0		0
Pentachlorophenol	0	4	12	0	0	0	None		0		0
Phenanthrene	0	4	5	0	0	0	None		0		0
Phenol	0	4	5	0	0	0	None		0		0
Pyrene	0	4	5	0	0	0	None		0		0
Total PAH	0	4	5	0	0	0	None		0		0
Volatile Organic Compounds (µg/l)											
1,1,1-Trichloroethane	0	4	5	0	0	0	None		0		0
1,1,2,2-Tetrachloroethane	0	4	5	0	0	0	None		0		0
1,1,2-Trichloroethane	0	4	5	0	0	0	None		0		0
1,1-Dichloroethane	0	4	5	0	0	0	None		0		0
1,1-Dichloroethene	0	4	5	0	0	0	None		0		0
1,2-Dichloroethane	0	4	5	0	0	0	None		0		0
1,2-Dichloroethene (total)	0	4	5	0	0	0	None		0		0
1,2-Dichloropropane	0	4	5	0	0	0	None		0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-17 (cont.)
SUMMARY STATISTICS - AREA F - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
2-Butanone	0	4	5	0	0	0	None		0		0
2-Hexanone	0	4	5	0	0	0	None		0		0
4-Methyl-2-Pentanone	0	4	5	0	0	0	None		0		0
Acetone	0	4	5	0	0	0	None		0		0
Benzene	0	4	5	0	0	0	None		0		0
Bromodichloromethane	0	4	5	0	0	0	None		0		0
Bromoform	0	4	5	0	0	0	None		0		0
Bromomethane	0	4	5	0	0	0	None		0		0
Carbon Disulfide	0	4	5	0	0	0	None		0		0
Carbon Tetrachloride	0	4	5	0	0	0	None		0		0
Chlorobenzene	0	4	5	0	0	0	None		0		0
Chloroethane	0	4	5	0	0	0	None		0		0
Chloroform	0	4	5	0	0	0	None		0		0
Chloromethane	0	4	5	0	0	0	None		0		0
cis-1,3-Dichloropropene	0	4	5	0	0	0	None		0		0
Dibromochloromethane	0	4	5	0	0	0	None		0		0
Ethylbenzene	0	4	5	0	0	0	None		0		0
Methylene Chloride	0	4	5	0	0	0	None		0		0
Styrene	0	4	5	0	0	0	None		0		0
Tetrachloroethene	0	4	5	0	0	0	None		0		0
Toluene	0	4	5	0	0	0	None		0		0
Total Xylenes	0	4	5	0	0	0	None		0		0
trans-1,3-Dichloropropene	0	4	5	0	0	0	None		0		0
Trichloroethene	0	4	5	0	0	0	None		0		0
Vinyl Chloride	0	4	5	0	0	0	None		0		0
Pesticides/PCBs											
4,4'-DDD	0	4	0.05	0	0	0	None		0		0
4,4'-DDE	0	4	0.05	0	0	0	None		0		0
4,4'-DDT	0	4	0.05	0	0	0	None		0		0
Aldrin	0	4	0.025	0	0	0	None		0		0
alpha-BHC	0	4	0.025	0	0	0	None		0		0
alpha-Chlordane	0	4	0.025	0	0	0	None		0		0
Aroclor, Total	0	4	0.48	0	0	0	None	5	0		0

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-17 (cont.)
SUMMARY STATISTICS - AREA F - SURFACE WATER
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection	Raymark Average Background Conc.	Number of Exceedances of Raymark Ave. Background	CT AWQC	Number of Exceedances of CT AWQC
Aroclor, Total (Conservative)	0	4	0.44	0	0	0	None		0		0
Aroclor-1016	0	4	0.44	0	0	0	None		0		0
Aroclor-1221	0	4	0.88	0	0	0	None		0		0
Aroclor-1232	0	4	0.44	0	0	0	None		0		0
Aroclor-1242	0	4	0.44	0	0	0	None		0		0
Aroclor-1248	0	4	0.44	0	0	0	None		0		0
Aroclor-1254	0	4	0.44	0	0	0	None		0		0
Aroclor-1260	0	4	0.44	0	0	0	None		0		0
Aroclor-1262	0	4	0.44	0	0	0	None		0		0
Aroclor-1268	0	4	0.44	0	0	0	None		0		0
beta-BHC	0	4	0.025	0	0	0	None		0		0
delta-BHC	0	4	0.025	0	0	0	None		0		0
Dieldrin	0	4	0.031	0	0	0	None		0		0
Endosulfan I	1	4	0.022	0.013	0.013	0.013	RM-SW-SP04-03		0		0
Endosulfan II	0	4	0.05	0	0	0	None		0		0
Endosulfan Sulfate	1	4	0.045	0.028	0.028	0.028	RM-SW-SP04-03		0		0
Endrin	0	4	0.05	0	0	0	None		0		0
Endrin Aldehyde	1	4	0.045	0.028	0.028	0.028	RM-SW-SP04-03		0		0
Endrin Ketone	0	4	0.05	0	0	0	None		0		0
gamma-BHC	0	4	0.025	0	0	0	None		0		0
gamma-Chlordane	0	4	0.025	0	0	0	None		0		0
Heptachlor	0	4	0.025	0	0	0	None		0		0
Heptachlor Epoxide	1	4	0.02	0.003	0.003 J	0.003 J	RM-SW-SP01-01		0		0
Methoxychlor	0	4	0.25	0	0	0	None		0		0
Toxaphene	0	4	2.5	0	0	0	None		0		0

Notes: CT PMC - State of Connecticut Pollutant Mobility Criteria for GB Aquifers
CT DEC - State of Connecticut Direct Exposure Criteria for Residential Soils
CT AWQC - State of Connecticut Ambient Water Quality Criteria (water and organism)

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-18
SUMMARY STATISTICS - AREA F - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
American Eel Fillet							
Metals (mg/kg)							
Lead	10	10	0.11	0.11	0.0624	0.171	SP-AE-F-7
Mercury	2	10	0.0039	0.0073	0.0071 J	0.0075 J	SP-AE-F-3
Pesticides/PCBs (mg/kg)							
4,4'-DDD	10	10	0.17	0.17	0.12	0.32 *	SP-AE-F-10
4,4'-DDE	10	10	0.27	0.27	0.2 *	0.39 *	SP-AE-F-10
4,4'-DDT	10	10	0.049	0.049	0.039 J	0.07 J	SP-AE-F-10
Aldrin	10	10	0.0011	0.0011	0.00039 J	0.0016	SP-AE-F-4
alpha-BHC	0	10	0.00025	0	0	0	None
Aroclor, Total	10	10	0.32	0.32	0.28	0.52	SP-AE-F-10
Aroclor, Total (Conservative)	10	10	0.34	0.34	0.296	0.536	SP-AE-F-10
Aroclor-1016	0	10	0.002	0	0	0	None
Aroclor-1221	0	10	0.002	0	0	0	None
Aroclor-1232	0	10	0.002	0	0	0	None
Aroclor-1242	0	10	0.002	0	0	0	None
Aroclor-1248	0	10	0.002	0	0	0	None
Aroclor-1254	0	10	0.002	0	0	0	None
Aroclor-1260	0	10	0.002	0	0	0	None
Aroclor-1262	10	10	0.32	0.32	0.28 *	0.52 *	SP-AE-F-10
Aroclor-1268	0	10	0.002	0	0	0	None
beta-BHC	0	10	0.001	0	0	0	None
CHLOROPYRI	0	10	0.01	0	0	0	None
Dieldrin	10	10	0.006	0.006	0.0046	0.011	SP-AE-F-10
Endrin	0	10	0.005	0	0	0	None
gamma-BHC	0	10	0.001	0	0	0	None
Heptachlor	0	10	0.00035	0	0	0	None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-18 (cont.)
SUMMARY STATISTICS - AREA F - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
Heptachlor Epoxide	5	10	0.0019	0.0035	0.0023 J	0.0054 J	SP-AE-F-10
Methoxychlor	5	10	0.11	0.21	0.15	0.26	SP-AE-F-5, SP-AE-F-9
Technical Chlordane	0	10	0.01	0	0	0	None
Toxaphene	0	10	0.015	0	0	0	None
American Eel Offal							
Metals (mg/kg)							
Lead	5	5	0.26	0.26	0.241	0.288	SP-AE-OF-10
Mercury	0	5	0.003	0	0	0	None
Pesticides/PCBs (mg/kg)							
4,4'-DDD	5	5	0.093	0.093	0.085 J	0.11 J	SP-AE-OF-4
4,4'-DDE	5	5	0.16	0.16	0.12 J	0.21 *	SP-AE-OF-7
4,4'-DDT	5	5	0.029	0.029	0.024 J	0.033 J	SP-AE-OF-9
Aldrin	0	5	0.0001	0	0	0	None
alpha-BHC	2	5	0.00058	0.0011	0.00083 J	0.0013	SP-AE-OF-7
Aroclor, Total	5	5	0.12	0.12	0.1	0.14	SP-AE-OF-9
Aroclor, Total (Conservative)	5	5	0.13	0.13	0.116	0.156	SP-AE-OF-9
Aroclor-1016	0	5	0.002	0	0	0	None
Aroclor-1221	0	5	0.002	0	0	0	None
Aroclor-1232	0	5	0.002	0	0	0	None
Aroclor-1242	0	5	0.002	0	0	0	None
Aroclor-1248	0	5	0.002	0	0	0	None
Aroclor-1254	0	5	0.002	0	0	0	None
Aroclor-1260	0	5	0.002	0	0	0	None
Aroclor-1262	5	5	0.12	0.12	0.1	0.14	SP-AE-OF-9
Aroclor-1268	0	5	0.002	0	0	0	None
beta-BHC	0	5	0.001	0	0	0	None
CHLOROPYRI	0	5	0.01	0	0	0	None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-18 (cont.)
SUMMARY STATISTICS - AREA F - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
Dieldrin	5	5	0.0044	0.0044	0.0036	0.0068 J	SP-AE-OF-4
Endrin	0	5	0.005	0	0	0	None
gamma-BHC	0	5	0.001	0	0	0	None
Heptachlor	0	5	0.00035	0	0	0	None
Heptachlor Epoxide	0	5	0.00035	0	0	0	None
Methoxychlor	5	5	0.24	0.24	0.11	0.33	SP-AE-OF-7
Technical Chlordane	0	5	0.01	0	0	0	None
Toxaphene	0	5	0.015	0	0	0	None
White Perch Fillet							
Metals (mg/kg)							
Lead	7	8	0.025	0.028	0.0131 J	0.0547	SP-PF-F-2
Mercury	0	8	0.013	0	0	0	None
Pesticides/PCBs (mg/kg)							
4,4'-DDD	7	7	0.059	0.059	0.028	0.13	SP-PF-F-3
4,4'-DDE	7	7	0.093	0.093	0.041	0.23 *	SP-PF-F-3
4,4'-DDT	3	7	0.011	0.019	0.0069 J	0.031 J	SP-PF-F-3
Aldrin	0	7	0.0001	0	0	0	None
alpha-BHC	0	7	0.00025	0	0	0	None
Aroclor, Total	7	7	0.059	0.059	0.027	0.13	SP-PF-F-3
Aroclor, Total (Conservative)	7	7	0.075	0.075	0.043	0.146	SP-PF-F-3
Aroclor-1016	0	7	0.002	0	0	0	None
Aroclor-1221	0	7	0.002	0	0	0	None
Aroclor-1232	0	7	0.002	0	0	0	None
Aroclor-1242	0	7	0.002	0	0	0	None
Aroclor-1248	0	7	0.002	0	0	0	None
Aroclor-1254	0	7	0.002	0	0	0	None
Aroclor-1260	0	7	0.002	0	0	0	None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-18 (cont.)
SUMMARY STATISTICS - AREA F - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
Aroclor-1262	7	7	0.059	0.059	0.027	0.13	SP-PF-F-3
Aroclor-1268	0	7	0.002	0	0	0	None
beta-BHC	0	7	0.001	0	0	0	None
CHLOROPYRI	0	7	0.01	0	0	0	None
Dieldrin	7	7	0.003	0.003	0.0012	0.0063 *	SP-PF-F-3
Endrin	0	7	0.005	0	0	0	None
gamma-BHC	0	7	0.001	0	0	0	None
Heptachlor	0	7	0.00035	0	0	0	None
Heptachlor Epoxide	0	2	0.00035	0	0	0	None
Methoxychlor	0	7	0.012	0	0	0	None
Technical Chlordane	0	7	0.01	0	0	0	None
Toxaphene	0	7	0.015	0	0	0	None
White Perch Offal							
Metals (mg/kg)							
Lead	4	4	0.17	0.17	0.123	0.241	SP-PF-OF-4
Mercury	0	4	0.017	0	0	0	None
Pesticides/PCBs (mg/kg)							
4,4'-DDD	4	4	0.14	0.14	0.06 J	0.19	SP-PF-OF-8
4,4'-DDE	4	4	0.21	0.21	0.04 *	0.38 *	SP-PF-OF-8
4,4'-DDT	3	4	0.027	0.034	0.03 J	0.039 J	SP-PF-OF-5
Aldrin	0	4	0.0001	0	0	0	None
alpha-BHC	0	4	0.00025	0	0	0	None
Aroclor, Total	4	4	0.11	0.11	0.046	0.17	SP-PF-OF-5
Aroclor, Total (Conservative)	4	4	0.13	0.13	0.062	0.186	SP-PF-OF-5
Aroclor-1016	0	4	0.002	0	0	0	None
Aroclor-1221	0	4	0.002	0	0	0	None
Aroclor-1232	0	4	0.002	0	0	0	None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-18 (cont.)
SUMMARY STATISTICS - AREA F - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
Aroclor-1242	0	4	0.002	0	0	0	None
Aroclor-1248	0	4	0.002	0	0	0	None
Aroclor-1254	0	4	0.002	0	0	0	None
Aroclor-1260	0	4	0.002	0	0	0	None
Aroclor-1262	4	4	0.11	0.11	0.046 J	0.17	SP-PF-OF-5
Aroclor-1268	0	4	0.002	0	0	0	None
beta-BHC	0	4	0.001	0	0	0	None
CHLOROPYRI	0	4	0.01	0	0	0	None
Dieldrin	4	4	0.0055	0.0055	0.0012 *	0.0094 *	SP-PF-OF-8
Endrin	0	4	0.005	0	0	0	None
gamma-BHC	0	4	0.001	0	0	0	None
Heptachlor	0	4	0.00035	0	0	0	None
Heptachlor Epoxide	0	3	0.00035	0	0	0	None
Methoxychlor	0	4	0.012	0	0	0	None
Technical Chlordane	0	4	0.01	0	0	0	None
Toxaphene	0	4	0.015	0	0	0	None
White Perch Whole							
Metals (mg/kg)							
Lead	3	3	0.18	0.18	0.106	0.279	SP-WP-WH-7
Mercury	0	3	0.0087	0	0	0	None
Pesticides/PCBs (mg/kg)							
4,4'-DDD	4	4	0.09	0.09	0.051	0.11	SP-WP-WH-3, SP-WP-WH-4
4,4'-DDE	4	4	0.14	0.14	0.086	0.18 *	SP-WP-WH-3
4,4'-DDT	2	4	0.018	0.026	0.025 J	0.028 J	SP-WP-WH-3
Aldrin	0	4	0.0001	0	0	0	None
alpha-BHC	4	4	0.0054	0.0054	0.0036	0.0077	SP-WP-WH-4

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-18 (cont.)
SUMMARY STATISTICS - AREA F - BIOTA
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Parameter	Positive Detections	Number of Samples Analyzed	Average Conc.	Average Detected Conc.	Minimum Detected Conc.	Maximum Detected Conc.	Location of Max. Detection
Aroclor, Total	4	4	0.092	0.092	0.058	0.11	SP-WP-WH-3
Aroclor, Total (Conservative)	4	4	0.11	0.11	0.074	0.126	SP-WP-WH-3
Aroclor-1016	0	4	0.002	0	0	0	None
Aroclor-1221	0	4	0.002	0	0	0	None
Aroclor-1232	0	4	0.002	0	0	0	None
Aroclor-1242	0	4	0.002	0	0	0	None
Aroclor-1248	0	4	0.002	0	0	0	None
Aroclor-1254	0	4	0.002	0	0	0	None
Aroclor-1260	0	4	0.002	0	0	0	None
Aroclor-1262	4	4	0.092	0.092	0.058	0.11	SP-WP-WH-3
Aroclor-1268	0	4	0.002	0	0	0	None
beta-BHC	0	4	0.001	0	0	0	None
CHLOROPYRI	0	4	0.01	0	0	0	None
Dieldrin	4	4	0.031	0.031	0.002	0.11 *	SP-WP-WH-3
Endrin	0	4	0.005	0	0	0	None
gamma-BHC	0	4	0.001	0	0	0	None
Heptachlor	0	4	0.00035	0	0	0	None
Heptachlor Epoxide	0	3	0.00035	0	0	0	None
Methoxychlor	0	4	0.012	0	0	0	None
Technical Chlordane	0	4	0.01	0	0	0	None
Toxaphene	0	4	0.015	0	0	0	None

U - Not Detected; UJ - Detection Limit Aproximate; J - Quantitation Approximate;
* - from dilution; R - Rejected; NA - Not Analyzed; EMPC - Estimated Maximum Possible Concentration

TABLE 4-19
CORRELATIONS AMONG CONTAMINANTS OF CONCERN - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

AREA B

Only correlation coefficients significant at $p < 0.005$ are shown. 40 to 60 samples.

Chemical	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	PAHs	PCBs	TCDD
Arsenic	1	0.48	0.71	0.65	0.68	0.54	0.67		0.49		0.50	0.51
Cadmium	0.48	1	0.69	0.78	0.66	0.41	0.84	0.41	0.84	0.55	0.55	0.49
Chromium	0.71	0.69	1	0.95	0.72	0.56	0.77	0.46	0.64		0.61	0.59
Copper	0.65	0.78	0.95	1	0.78	0.54	0.81	0.43	0.75	0.53	0.66	0.65
Lead	0.68	0.66	0.72	0.78	1	0.59	0.69		0.54	0.59	0.69	0.74
Mercury	0.54	0.41	0.56	0.54	0.59	1	0.46				0.50	0.55
Nickel	0.67	0.84	0.77	0.81	0.69	0.46	1	0.42	0.90	0.52	0.59	0.46
Silver		0.41	0.46	0.43			0.42	1	0.39			
Zinc	0.49	0.84	0.64	0.75	0.54		0.90	0.39	1	0.62	0.53	
Total PAHs		0.55		0.53	0.59		0.52		0.62	1	0.44	
Total PCBs	0.50	0.55	0.61	0.66	0.69	0.50	0.59		0.53	0.44	1	0.66
2,3,7,8-TCDD TEQ	0.51	0.49	0.59	0.65	0.74	0.55	0.46				0.66	1

AREA C

Correlation coefficients at $p < 0.005$. 33 - 50 samples.

Chemical	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	PAHs	PCBs	TCDD
Arsenic	1	0.63	0.86	0.86	0.76	0.80	0.84	0.65	0.83		0.55	0.62
Cadmium	0.63	1	0.78	0.66	0.55	0.65	0.65	0.82	0.69			
Chromium	0.86	0.78	1	0.86	0.70	0.78	0.85	0.72	0.81			0.68
Copper	0.86	0.66	0.86	1	0.93	0.76	0.95	0.63	0.88		0.69	0.75
Lead	0.76	0.55	0.70	0.93	1	0.63	0.86	0.57	0.82		0.83	0.71
Mercury	0.80	0.65	0.78	0.76	0.63	1	0.65	0.67	0.73			0.60
Nickel	0.84	0.65	0.85	0.95	0.86	0.65	1	0.62	0.89		0.65	0.74
Silver	0.65	0.82	0.72	0.63	0.57	0.67	0.62	1	0.65			
Zinc	0.83	0.69	0.81	0.88	0.82	0.73	0.89	0.65	1		0.49	0.69
Total PAHs										1		
Total PCBs	0.55			0.69	0.83		0.65		0.49		1	0.56
2,3,7,8-TCDD TEQ	0.62		0.68	0.75	0.71	0.60	0.74		0.69		0.56	1

AREA F

Correlation coefficients at $p < 0.005$. 28 - 34 samples.

Chemical	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	PAHs	PCBs	TCDD
Arsenic	1	0.66	0.60	0.65	0.62	0.55	0.69	0.58	0.66			
Cadmium	0.66	1	0.59	0.64	0.57		0.55		0.67			
Chromium	0.60	0.59	1	0.77	0.75		0.85		0.79	0.57		
Copper	0.65	0.64	0.77	1	0.88		0.74		0.92	0.79		0.62
Lead	0.62	0.57	0.75	0.88	1		0.73		0.95	0.75		0.56
Mercury	0.55					1						
Nickel	0.69	0.55	0.85	0.74	0.73		1		0.75	0.50		
Silver	0.58							1				
Zinc	0.66	0.67	0.79	0.92	0.95		0.75		1	0.76		0.60
Total PAHs			0.57	0.79	0.75		0.50		0.76	1		0.60
Total PCBs											1	
2,3,7,8-TCDD TEQ				0.62	0.56				0.60	0.60		1

TABLE 4-19 (cont.)
CORRELATIONS AMONG CONTAMINANTS OF CONCERN - SEDIMENT
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Reference

Correlation coefficients at $p < 0.05$. Alpha level increased because of low number of samples, 3 - 4.)

Chemical	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	PAHs	PCBs	TCDD
Arsenic	–					0.99						
Cadmium		–			0.96				0.98			
Chromium			–	0.99			0.99	0.98				
Copper			0.99	–			0.97	0.95				
Lead		0.96			–							
Mercury	0.99					–						
Nickel			0.99	0.97			–	1.00				
Silver			0.98	0.95			1.00	–				
Zinc		0.98							–			
Total PAHs										–		
Total PCBs											–	
2,3,7,8-TCDD TEQ												–

All Surface Sediment Data

Correlation coefficients at $p < 0.005$. 164 - 244 samples.

Chemical	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Silver	Zinc	PAHs	PCBs	TCDD
Arsenic	1	0.48	0.67	0.55	0.53	0.51	0.68	0.55	0.60		0.2	
Cadmium	0.48	1	0.59	0.59	0.60	0.30	0.70	0.51	0.77	0.49	0.21	0.39
Chromium	0.67	0.59	1	0.79	0.65	0.54	0.80	0.49	0.72	0.35	0.28	0.44
Copper	0.55	0.59	0.79	1	0.87	0.39	0.83	0.43	0.80	0.48	0.50	0.68
Lead	0.53	0.60	0.65	0.87	1	0.29	0.80	0.38	0.77	0.55	0.60	0.62
Mercury	0.51	0.30	0.54	0.39	0.29	1	0.39	0.42	0.41			0.29
Nickel	0.68	0.70	0.80	0.83	0.80	0.39	1	0.46	0.85	0.42	0.45	0.49
Silver	0.55	0.51	0.49	0.43	0.38	0.42	0.46	1	0.48			0.24
Zinc	0.60	0.77	0.72	0.80	0.77	0.41	0.85	0.48	1	0.56	0.34	0.58
Total PAHs		0.49	0.35	0.48	0.55		0.42		0.56	1	0.38	0.55
Total PCBs	0.19	0.21	0.28	0.50	0.60		0.45		0.34	0.38	1	0.50
2,3,7,8-TCDD TEQ		0.39	0.44	0.68	0.62	0.29	0.49	0.24	0.58	0.55	0.50	1

TABLE 4-20
CORRELATIONS AMONG CONTAMINANTS OF CONCERN - SOIL
DRAFT FINAL REMEDIAL INVESTIGATION - AREA II
RAYMARK - FERRY CREEK - OU3
STRATFORD, CONNECTICUT

Area II and III
Only correlation coefficients significant at p<0.005 are shown. 12-40 samples (asbestos and lead with 357 and 359 samples)

	Asbestos	Lead	Aroclor 1262	Aroclor 1268	Arsenic	Chromium	Dieldrin	Total Aroclors	Total Aroclors (Conservative)	Benzo(a)-anthracene	Benzo(b)-fluoranthene	Benzo(a)-pyrene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)-pyrene	Dioxins (as TEQ)	Total PAHs
Asbestos	1	0.51824	0.55131	0.60093				0.63625	0.6408							0.59191
Lead	0.51824	1	0.6979	0.75614			0.45293	0.74937	0.67243		0.49486	0.48585				0.587
Aroclor 1262	0.55131	0.6979	1	0.77483			0.72377	0.91209	0.86493						0.78347	
Aroclor 1268	0.60093	0.75614	0.77483	1			0.74475	0.90289	0.83813						0.7662	
Arsenic					1											
Chromium						1										
Dieldrin		0.45293	0.72377	0.74475			1	0.79563	0.74773						0.82632	0.44925
Total Aroclors	0.63625	0.74937	0.91209	0.90289			0.79563	1	0.9378						0.78629	
Total Aroclors (Conservative)	0.6408	0.67243	0.86493	0.83813			0.74773	0.9378	1							
Benzo(a)anthracene		0.46741								1	0.97381	0.96557	0.64384	0.93643		0.86135
Benzo(b)fluoranthene		0.49486								0.97381	1	0.94274	0.61053	0.90604		0.86894
Benzo(a)pyrene		0.48585								0.96557	0.94274	1	0.67252	0.9575		0.87182
Dibenz(a,h)anthracene										0.64384	0.61053	0.67252	1	0.77196		0.4605
Indeno(1,2,3-cd)pyrene										0.93643	0.90604	0.9575	0.77196	1		0.76215
Dioxins (as TEQ)			0.78347	0.7662				0.82632	0.78629							
Total PAHs	0.59191	0.587						0.44925		0.86135	0.86894	0.87182	0.4605	0.76215		1

Area B -Subsurface soils
Only correlation coefficients significant at p<0.01 are shown. 9-10 samples (asbestos and lead with 70 samples)

	Asbestos	Lead	Aroclor 1262	Aroclor 1268	Arsenic	Chromium	Dieldrin	Total Aroclors	Total Aroclors (Conservative)	Benzo(a)-anthracene	Benzo(b)-fluoranthene	Benzo(a)-pyrene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)-pyrene	Dioxins (as TEQ)	Total PAHs
Asbestos	1								0.89305							
Lead		1														
Aroclor 1262			1	0.96223			0.98073	0.96646	0.89101							
Aroclor 1268			0.96223	1			0.9333	0.96876	0.90573							
Arsenic					1	0.91981				0.79929		0.85978				
Chromium					0.91981	1										
Dieldrin			0.98073	0.9333			1	0.97457	0.91491							
Total Aroclors			0.96646	0.96876			0.97457	1	0.92714							
Total Aroclors (Conservative)	0.89305		0.89101	0.90573			0.91491	0.92714	1							
Benzo(a)anthracene					0.79929					1	0.99811	0.90899		0.84628		0.77418
Benzo(b)fluoranthene										0.99811	1	0.90081		0.83285		0.7884
Benzo(a)pyrene					0.85978					0.90899	0.90081	1		0.9691		0.74955
Dibenz(a,h)anthracene																
Indeno(1,2,3-cd)pyrene										0.84628	0.83285	0.9691		1		
Dioxins (as TEQ)																
Total PAHs										0.77418	0.7884					1