

**Danversport Explosion Site
USEPA Sediment Sampling Results
Volatile Organic Compounds (VOCs) Analysis**

Station Location:		CAI-016		CAI-017		CAI-018		CAI-019	
Scribe Sample Number:		0262-0021		0262-0022		0262-0023		0262-0024	
Time Collected:		8:30		9:20		8:55		8:55	
Date Collected:		11/24/2006		11/24/2006		11/24/2006		11/24/2006	
Analyte	RL (ppb)	Conc. (ppb)	Qualifier	Conc. (ppb)	Qualifier	Conc. (ppb)	Qualifier	Conc. (ppb)	Qualifier
1,1,1,2-Tetrachloroethane	50	ND		ND		ND		ND	
1,1,1-Trichloroethane	50	ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	50	ND		ND		ND		ND	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	ND		ND		ND		ND	
1,1,2-Trichloroethane	50	ND		ND		ND		ND	
1,1-dichloroethane	50	ND		ND		ND		ND	
1,1-Dichloroethylene	50	ND		ND		ND		ND	
1,1-Dichloropropene	50	ND		ND		ND		ND	
1,2,3-Trichlorobenzene	50	ND		ND		ND		ND	
1,2,3-Trichloropropane	50	ND		ND		ND		ND	
1,2,4-Trichlorobenzene	50	ND		ND		ND		ND	
1,2,4-Trimethylbenzene	50	ND		ND		170	J	ND	
1,2-Dibromo-3-Chloropropane	50	ND		ND		ND		ND	
1,2-Dibromoethane	50	ND		ND		ND		ND	
1,2-Dichlorobenzene	50	ND		ND		ND		ND	
1,2-Dichloroethane	50	ND		ND		ND		ND	
1,2-Dichloropropane	50	ND		ND		ND		ND	
1,3,5-Trimethylbenzene	50	ND		ND		92	J	ND	
1,3-Dichlorobenzene	50	ND		ND		ND		ND	
1,3-Dichloropropane	50	ND		ND		ND		ND	
1,4-Dichlorobenzene	50	ND		ND		ND		ND	
2,2-Dichloropropane	50	ND		ND		ND		ND	
2-Butanone (MEK)	50	ND		ND		100	J	62	J
2-Chlorotoluene	50	ND		ND		ND		ND	
2-Hexanone	50	ND		ND		ND		ND	
2-Propanone (acetone)	50	ND		ND		170	J	73	J
4-Chlorotoluene	50	ND		ND		ND		ND	
4-Methyl-2-Pentanone (MIBK)	50	ND		ND		ND		ND	
Acrylonitrile	50	ND		ND		ND		ND	
Benzene	50	ND		ND		ND		ND	
Bromobenzene	50	ND		ND		ND		ND	
Bromochloromethane	50	ND		ND		ND		ND	
Bromodichloromethane	50	ND		ND		ND		ND	
Bromoform	50	ND		ND		ND		ND	
Bromomethane	50	ND		ND		ND		ND	
c-1,3-dichloropropene	50	ND		ND		ND		ND	
Carbon Disulfide	50	ND		ND		ND		ND	
Carbon tetrachloride	50	ND		ND		ND		ND	
Chlorobenzene	50	ND		ND		ND		ND	
Chloroethane	50	ND		ND		ND		ND	
Chloroform	50	ND		ND		ND		ND	

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Station Location:		CAI-016	CAI-017	CAI-018	CAI-019				
Scribe Sample Number:		0262-0021	0262-0022	0262-0023	0262-0024				
Time Collected:		8:30	9:20	8:55	8:55				
Date Collected:		11/24/2006	11/24/2006	11/24/2006	11/24/2006				
Analyte	RL (ppb)	Conc. (ppb)	Qualifier	Conc. (ppb)	Qualifier	Conc. (ppb)	Qualifier	Conc. (ppb)	Qualifier
Chloromethane	50	ND		ND		ND		ND	
cis-1,2-Dichloroethylene	50	ND		ND		ND		ND	
Dibromochloromethane	50	ND		ND		ND		ND	
Dibromomethane	50	ND		ND		ND		ND	
Dichlorodifluoromethane	50	ND		ND		ND		ND	
Ethyl Ether	50	ND		ND		ND		ND	
Ethylbenzene	50	ND		ND		940	J	210	J
Hexachlorobutadiene	50	ND		ND		ND		ND	
Isopropylbenzene	50	ND		ND		ND		ND	
M/P Xylene	100	ND		ND		1900	J	330	J
Methylene Chloride	50	ND		ND		ND		ND	
Methyl-t-Butyl Ether	50	ND		ND		ND		ND	
Naphthalene	50	ND		ND		50	J	ND	
N-Butylbenzene	50	ND		ND		ND		ND	
N-Propylbenzene	50	ND		ND		ND		ND	
Ortho Xylene	50	ND		ND		410	J	68	J
Para-Isopropyltoluene	50	ND		ND		ND		ND	
Sec-Butylbenzene	50	ND		ND		ND		ND	
Styrene	50	ND		ND		170	J	95	J
t-1,3-Dichloropropene	50	ND		ND		ND		ND	
Tert-Butylbenzene	50	ND		ND		ND		ND	
Tetrachloroethylene	50	ND		ND		ND		ND	
Tetrahydrofuran	50	ND		ND		ND		ND	
Toluene	50	ND		ND		870	J	250	J
Trans-1,2-Dichloroethylene	50	ND		ND		ND		ND	
Trichloroethylene	50	ND		ND		ND		ND	
Trichlorofluoromethane	50	ND		ND		ND		ND	
Vinyl Acetate	50	ND		ND		ND		ND	
Vinyl Chloride	50	ND		ND		ND		ND	

Notes: Samples were collected for the U.S. Environmental Protection Agency (EPA) by the Weston Solutions, Inc. Superfund Technical Assessment and Response Team III (START). Samples were submitted to the EPA New England Regional Laboratory.

ppb = parts per billion
 ND = Not detected.
 J = Estimated value.
 RL = Reporting limit.
 MEK = Methyl ethyl ketone.
 MIBK = Methyl isobutyl ketone.

**Danversport Explosion Site
USEPA Sediment Sampling Results
Metals Analysis**

Station Location:		CAI-016			CAI-017			CAI-018			CAI-019
Scribe Sample Number:		0262-0021			0262-0022			0262-0023			0262-0024
Time Collected:		13:17			13:31			13:50			10:15
Date Collected:		11/24/2006			11/24/2006			11/24/2006			11/24/2006
Analyte	RL (mg/kg)	Concentration (mg/kg)									
Arsenic	5.9	14	4.4	16	16	16	20	ND			
Barium	5.9	25	4.4	63 J3	16	450	20	1400			
Cadmium	3	ND	2.2	ND	8	ND	9.8	ND			
Chromium	5.9	95	4.4	230	16	400	20	380			
Lead	5.9	71	4.4	230	16	260	20	600			
Selenium	5.9	ND	4.4	ND	16	ND	20	ND			
Silver	3	ND	2.2	ND	8	ND	9.8	ND			

Notes: Samples were collected for the U.S. Environmental Protection Agency (EPA) by the Weston Solutions, Inc. Superfund Technical Assessment and Response Team III (START). Samples were submitted to the EPA New England Regional Laboratory.

mg/kg = milligrams per kilogram [equivalent to parts per million (ppm)]

RL = Reporting Limit

ND = Not Detected

J3 = Estimated value