

FORS COM

**DATA PACKAGE
FOR THE
SEPTEMBER 2000
SAMPLING EVENT**



3d Inf Div (Mech)

**Underground Storage Tanks 25 & 26
Facility ID #9-025008
Building 1343
Hunter Army Airfield, Georgia**

Prepared for



**U.S. ARMY CORPS OF ENGINEERS
SAVANNAH DISTRICT**

Contract No. DACA21-95-D-0022
Delivery Order 0061

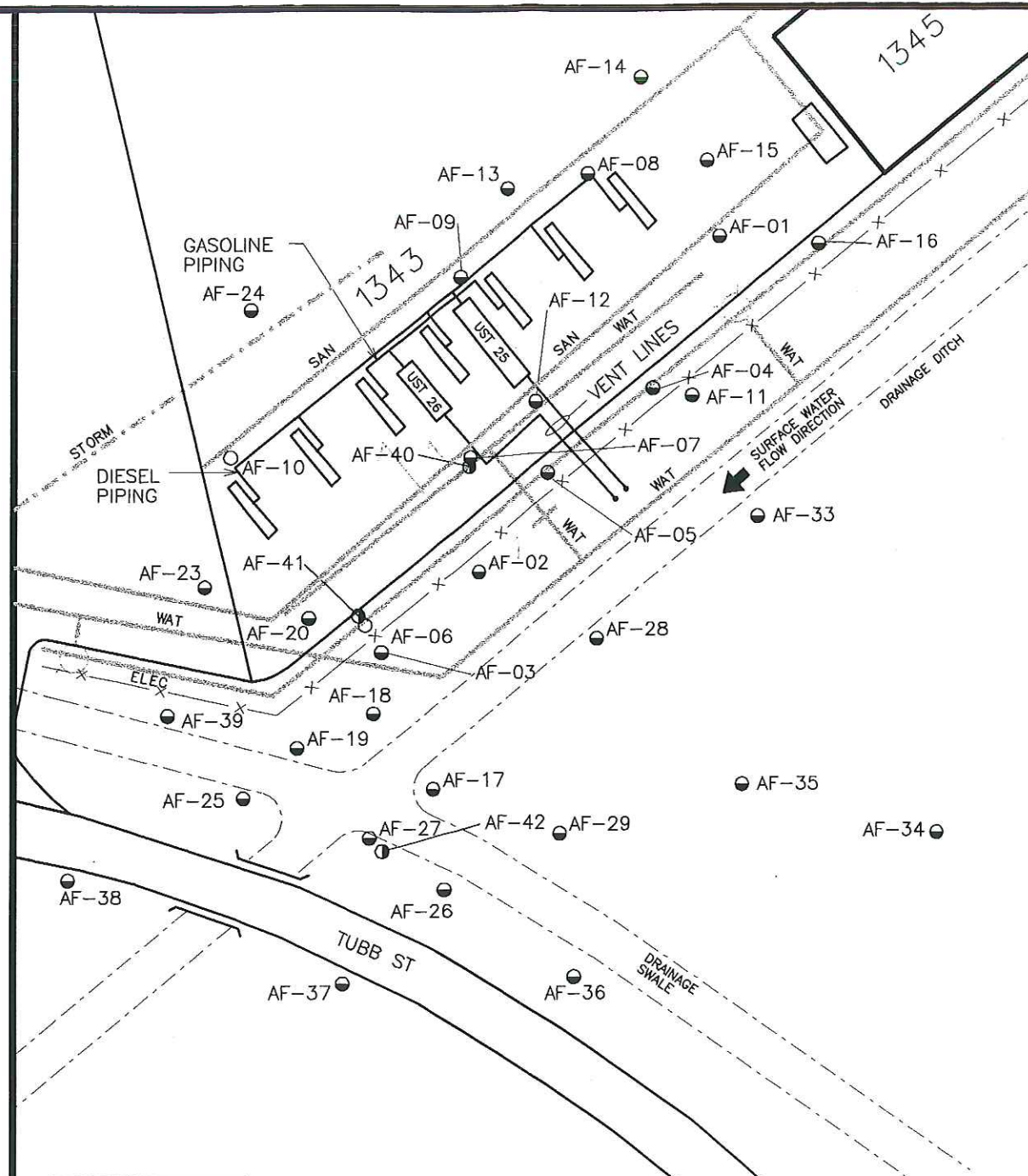
November 2000



DOCUMENT 3.7

AF-01	
AF0142	2.5-12.5 FT (ug/L)
Acetone	6.7
AF-02	
AF0242	2.5-12.5 FT (ug/L)
Acetone	8
Benzene	0.82 J
AF-03	
AF0342	2.5-12.5 FT (ug/L)
Acetone	18
AF-04	
AF0442	2.5-12.5 FT (ug/L)
Acetone	9.1
AF-05	
AF0542	2.5-12.5 FT (ug/L)
Acetone	11.7
Benzene	4.7
Ethylbenzene	4.7
Toluene	0.82 J
Xylenes, Total	20.9
AF-07	
AF0742	2.5-12.5 FT (ug/L)
1,1-Dichloroethane	<100
1,1-Dichloroethene	<100
1,2-Dichloroethene	<200
Acetone	<500
Benzene	9920
Ethylbenzene	645
Toluene	39.2 J
Trichloroethene	<100
Vinyl Chloride	<100
Xylenes, Total	<300
AF-08	
AF0842	2.5-12.5 FT (ug/L)
Acetone	6.8
Benzene	0.2 J
AF-09	
AF0942	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	3.4
Acetone	7.4
Benzene	7
Ethylbenzene	16.7
Toluene	0.36 J
AF-11	
AF1142	2.5-12.5 FT (ug/L)
No Detects	

AF-12	
AF1242	2.5-12.5 FT (ug/L)
Acetone	8.2
Benzene	33.2
Ethylbenzene	94.1
Toluene	0.29 J
Xylenes, Total	3.2
AF-13	
AF1342	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	1.2 J
Acetone	7.2
Ethylbenzene	0.17 J
Xylenes, Total	1.2 J
AF-14	
AF1442	2.5-12.5 FT (ug/L)
Acetone	8.3
Ethylbenzene	0.064 J
AF-15	
AF1542	2.5-12.5 FT (ug/L)
Acetone	8.2
Benzene	0.19 J
AF-16	
AF1642	2.5-12.5 FT (ug/L)
Acetone	6.5
AF-17	
2.0-12.0 FT (ug/L)	
WELL DESTROYED NO SAMPLE COLLECTED	
AF-18	
AF1842	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	5.6
Acetone	11.2
Benzene	5.8
Ethylbenzene	0.11 J
Toluene	0.7 J
Trichloroethene	1.4
AF-19	
AF1942	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	0.36 J
Acetone	7.4
Benzene	0.24 J
Toluene	0.99 J
AF-20	
AF2042	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	2.3
Acetone	7.7
Benzene	0.55 J
AF-23	
AF2342	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	8.5
Acetone	6.6
Benzene	1.6
Trichloroethene	0.33 J



AF-24	
AF2442	2.5-12.5 FT (ug/L)
No Detects	
AF-25	
AF2542	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	34
Benzene	1.6
Trichloroethene	197
AF-26	
AF2642	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	21.8
Benzene	11.2
Toluene	1.9
Trichloroethene	102 J
AF-27	
AF2742	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	30.7
Benzene	1.9
Trichloroethene	179
AF-28	
AF2842	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	42.6
Benzene	8.6
Toluene	1.2
Trichloroethene	56.8
AF-29	
AF2942	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	2.4
Benzene	351
Ethylbenzene	54.1
Toluene	2.8
Trichloroethene	2.6
Vinyl Chloride	0.77 J
Xylenes, Total	5.1
AF-33	
AF3342	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	8.1
Trichloroethene	34.4
AF-34	
AF3442	2.5-12.5 FT (ug/L)
1,1-Dichloroethane	2.8
1,1-Dichloroethene	3.9
1,2-Dichloroethene	13
Toluene	0.47 J
Trichloroethene	105 J
AF-35	
AF3542	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	9.6
Benzene	0.38 J
Trichloroethene	27.6

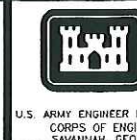
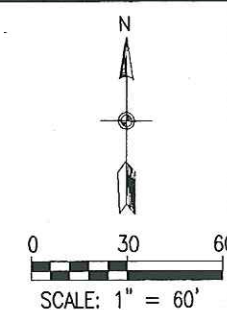
AF-36	
AF3642	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	3.3
Benzene	0.83 J
Toluene	0.78 J
Trichloroethene	10.3
AF-37	
AF3742	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	17.2
Benzene	2.7
Toluene	1.9
Trichloroethene	226
AF-38	
AF3842	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	0.39 J
Benzene	0.19 J
Toluene	1.4
AF-39	
4.4-14.3 FT (ug/L)	
NO SAMPLE COLLECTED	

DEEP MONITORING WELLS

AF-40	
AF4042	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	14.6
Benzene	1.8
Ethylbenzene	0.45 J
Trichloroethene	42.9
Vinyl Chloride	0.76 J
AF-41	
AF4142	2.5-12.5 FT (ug/L)
1,2-Dichloroethene	1.7 J
Trichloroethene	1.2
AF-42	
AF4242	2.5-12.5 FT (ug/L)
No Detects	

LEGEND

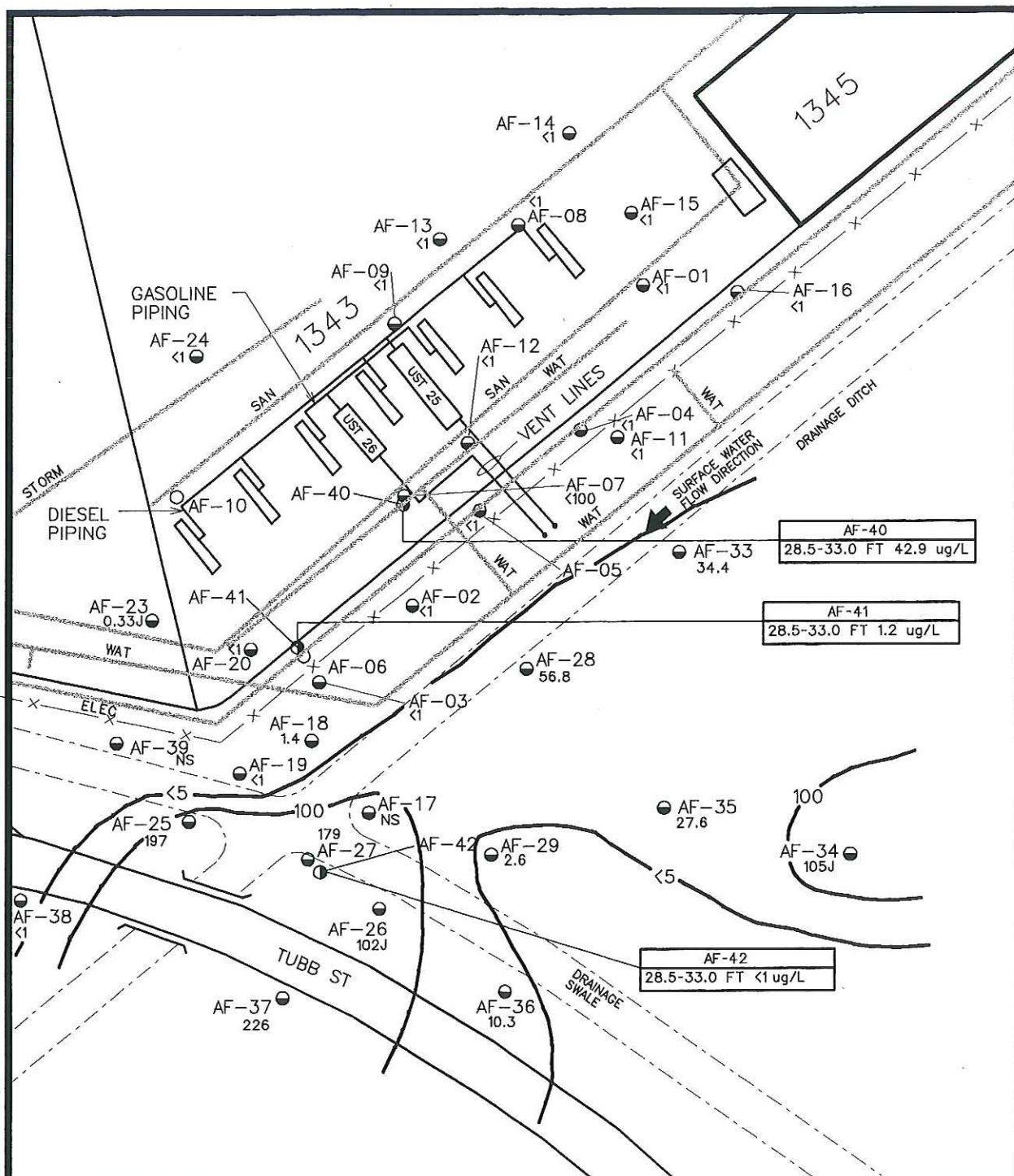
- CAP PART B SHALLOW MONITORING WELL
- ⊙ CAP PART B DEEP MONITORING WELL
- CAP PART B SOIL BORING



U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

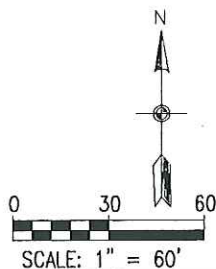
USTs 25 & 26, BUILDING 1343
FACILITY ID #9-025008
VOC GROUNDWATER ANALYTICAL
RESULTS (SEPT 2000).

DRAWN BY: J. LAMB
REV. NO./DATE: 0/11/09/00
CAD FILE: 97028/DGNS/F785008N.DGN



LEGEND

- CAP PART B SHALLOW MONITORING WELL
- ⊙ CAP PART B DEEP MONITORING WELL
- CAP PART B SOIL BORING
- ~ TCE CONCENTRATION CONTOUR
- NS NOT SAMPLED



U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
SAVANNAH, GEORGIA

USTs 25 & 26, BUILDING 1343
FACILITY ID: 9-025008
TCE CONTAMINATION THE
THE SHALLOW AQUIFER (SEPT 2000)

DRAWN BY: J LAMB	REV. NO./DATE: 0/11/10/00	CAD FILE: 97028/DGNS/F785008P.DGN
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USTs 25 26, Facility ID #9-025008, Hunter Army Airfield
Groundwater Analytical Results (September 2000)

Well ID:	AF-01	AF-02	AF-03	AF-04	AF-05	AF-07	AF-08	AF-09	AF-11
Sample ID	AF0142	AF0242	AF0342	AF0442	AF0542	AF0742	AF0842	AF0942	AF1142
Screened Interval (ft BGS):	2.5 - 12.5	2.0 - 12.0	2.0 - 12.0	2.0 - 12.0	2.0 - 12.0	2.5 - 12.5	2.5 - 12.5	2.0 - 12.0	1.0 - 11.0
Sample Date:	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00
Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,2-Dichloroethane	2 U	2 U	2 U	2 U	2 U	200 U	2 U	3.4 =	2 U
1,2-Dichloropropene	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,3-cis-Dichloropropene	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
1,3-trans-Dichloropropene	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U
Acetone	6.7 =	8 =	18 =	9.1 =	11.7 =	500 U	6.8 =	7.4 =	5 U
Benzene	1 U	0.82 J	1 U	1 U	4.7 =	9920 =	0.2 J	7 =	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Carbon Disulfide	5 U	5 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	4.7 =	645 =	1 U	16.7 =	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	500 U	5 U	5 U	5 U
Styrene	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Toluene	1 U	1 U	1 U	1 U	0.82 J	39.2 J	1 U	0.36 J	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	100 U	1 U	1 U	1 U
Xylenes, Total	3 U	3 U	3 U	3 U	20.9 =	300 U	3 U	3 U	3 U

USTs 25 26, Facility ID #9-025008, Hunter Army Airfield
Groundwater Analytical Results (September 2000)

Well ID:	AF-12	AF-13	AF-14	AF-15	AF-16	AF-18	AF-19	AF-20	AF-23
Sample ID	AF1242	AF1342	AF1442	AF1542	AF1642	AF1842	AF1942	AF2042	AF2342
Screened Interval (ft BGS):	2.5 - 12.5	2.5 - 12.5	1.4 - 11.4	1.5 - 11.5	1.5 - 11.5	1.5 - 11.5	1.5 - 11.5	3.0 - 13.0	3.0 - 13.0
Sample Date:	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	27-Sep-00	27-Sep-00
Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene	2 U	1.2 J	2 U	2 U	2 U	5.6 =	0.36 J	2.3 =	8.5 =
1,2-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-cis-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-trans-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	8.2 =	7.2 =	8.3 =	8.2 =	6.5 =	11.2 =	7.4 =	7.7 =	6.6 =
Benzene	33.2 =	1 U	1 U	0.19 J	1 U	5.8 =	0.24 J	0.55 J	1.6 =
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	94.1 =	0.17 J	0.064 J	1 U	1 U	0.11 J	1 U	1 U	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	0.29 J	1 U	1 U	1 U	1 U	0.7 J	0.99 J	1 U	1 U
Trichloroethene	1 U	1 U	1 U	1 U	1 U	1.4 =	1 U	1 U	1 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	3.2 =	1.2 J	3 U	3 U	3 U	3 U	3 U	3 U	3 U

USTs 25 26, Facility ID #9-025008, Hunter Army Airfield
Groundwater Analytical Results (September 2000)

Well ID:	AF-24	AF-25	AF-26	AF-27	AF-28	AF-29	AF-33	AF-34	AF-35
Sample ID	AF2442	AF2542	AF2642	AF2742	AF2842	AF2942	AF3342	AF3442	AF3542
Screened Interval (ft BGS):	2.0 - 12.0	0.5 - 10.5	2.0 - 12.0	1.0 - 11.0	2.0 - 12.0	2.0 - 12.0	2.3 - 11.8	1.4 - 10.9	1.2 - 10.7
Sample Date:	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00
Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.8 =	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.9 =	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	2 U	34 =	21.8 =	30.7 =	42.6 =	2.4 =	8.1 =	13 =	9.6 =
1,2-Dichloropropane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-cis-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-trans-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1.0 U	1.6 =	11.2 =	1.9 =	8.6 =	12.4 U	351 =	1 U	0.38 J
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1 U	1 U	1.9 =	1 U	1.2 =	2.8 =	1 U	0.47 J	1 U
Trichloroethane	1 U	197 =	102 J	179 =	56.8 =	2.6 =	34.4 =	105 J	27.6 =
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	0.77 J	1 U	1 U	1 U
Xylenes, Total	3 U	3 U	3 U	3 U	3 U	5.1 =	3 U	3 U	3 U

USTs 25 26, Facility ID #9-025008, Hunter Army Airfield
Groundwater Analytical Results (September 2000)

Well ID:	AF-36	AF-37	AF-38	AF-40	AF-41	AF-42
Sample ID	AF3642	AF3742	AF3842	AF4042	AF4142	AF4242
Screened Interval (ft BGS):	1.4 - 10.9	4.4 - 14.3	4.1 - 14.1	28.5 - 33.0	28.5 - 33.0	28.5 - 33.0
Sample Date:	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00	28-Sep-00
Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
1,1,1-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene	3.3 =	17.2 =	0.39 J	14.6 =	1.7 J	2 U
1,2-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
1,3-cis-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
1,3-trans-Dichloropropene	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	6.8 U	5 U	6.8 U	5 U	5.2 U	5 U
Benzene	0.83 J	2.7 =	0.19 J	1.8 =	1 U	1 U
Bromodichloromethane	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1 U	1 U	1 U	0.45 J	1 U	1 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	0.78 J	1.9 =	1.4 =	1 U	1 U	1 U
Trichloroethene	10.3 =	226 =	1 U	42.9 =	1.2 =	1 U
Vinyl Chloride	1 U	1 U	1 U	0.76 J	1 U	1 U
Xylenes, Total	3 U	3 U	3 U	3 U	3 U	3 U

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D438

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	6.7	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D439

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	8.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	1.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	0.82	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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OLM03.0

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Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER

Lab Sample ID: 31998006

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 2D440

Level: (low/med) LOW

Date Received: 09/29/00

% Moisture: not dec.

Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	18.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	JB
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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DATA VALIDATION

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. AF0442

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A
Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998007
Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D441

Level: (low/med) LOW Date Received: 09/29/00
% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)
Soil Extract Volume: (uL)

Dilution Factor: 1.0
Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

74-87-3	-Chloromethane	1.0
75-01-4	-Vinyl chloride	1.0
74-83-9	-Bromomethane	1.0
75-00-3	-Chloroethane	1.0
75-35-4	-1,1-Dichloroethylene	1.0
67-64-1	-Acetone	9.1
75-15-0	-Carbon disulfide	5.0
75-09-2	-Methylene chloride	5.0
75-34-3	-1,1-Dichloroethane	1.0
78-93-3	-2-Butanone	5.0
540-59-0	-1,2-Dichloroethylene (total)	2.0
67-66-3	-Chloroform	1.0
71-55-6	-1,1,1-Trichloroethane	1.0
56-23-5	-Carbon tetrachloride	1.0
107-06-2	-1,2-Dichloroethane	1.0
71-43-2	-Benzene	1.0
79-01-6	-Trichloroethylene	1.0
78-87-5	-1,2-Dichloropropane	1.0
75-27-4	-Bromodichloromethane	1.0
10061-01-5	-cis-1,3-Dichloropropylene	1.0
108-10-1	-4-Methyl-2-pentanone	5.0
108-88-3	-Toluene	1.0
10061-02-6	-trans-1,3-Dichloropropylene	1.0
79-00-5	-1,1,2-Trichloroethane	1.0
591-78-6	-2-Hexanone	5.0
127-18-4	-Tetrachloroethylene	1.0
124-48-1	-Dibromochloromethane	1.0
108-90-7	-Chlorobenzene	1.0
100-41-4	-Ethylbenzene	1.0
1330-20-7	-Xylenes (total)	3.0
100-42-5	-Styrene	1.0
75-25-2	-Bromoforn	1.0
79-34-5	-1,1,2,2-Tetrachloroethane	1.0

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DATA VALIDATION

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D442

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	11.7	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	4.7	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.82	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	4.7	B
1330-20-7	Xylenes (total)	20.9	B
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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FORM I VOA

AF0542

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1A

EPA SAMPLE NO.

AF0742

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER

Lab Sample ID: 31998009

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 2D443

Level: (low/med) LOW

Date Received: 09/29/00

% Moisture: not dec.

Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 100.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	100 U
75-01-4	Vinyl chloride	100 U
74-83-9	Bromomethane	100 U
75-00-3	Chloroethane	100 U
75-35-4	1,1-Dichloroethylene	100 U
67-64-1	Acetone	500 U
75-15-0	Carbon disulfide	500 U
75-09-2	Methylene chloride	500 U
75-34-3	1,1-Dichloroethane	100 U
78-93-3	2-Butanone	500 U
540-59-0	1,2-Dichloroethylene (total)	200 U
67-66-3	Chloroform	100 U
71-55-6	1,1,1-Trichloroethane	100 U
56-23-5	Carbon tetrachloride	100 U
107-06-2	1,2-Dichloroethane	100 U
71-43-2	Benzene	9920
79-01-6	Trichloroethylene	100 U
78-87-5	1,2-Dichloropropane	100 U
75-27-4	Bromodichloromethane	100 U
10061-01-5	cis-1,3-Dichloropropylene	100 U
108-10-1	4-Methyl-2-pentanone	500 U
108-88-3	Toluene	39.2 U
10061-02-6	trans-1,3-Dichloropropylene	100 U
79-00-5	1,1,2-Trichloroethane	100 U
591-78-6	2-Hexanone	500 U
127-18-4	Tetrachloroethylene	100 U
124-48-1	Dibromochloromethane	100 U
108-90-7	Chlorobenzene	100 U
100-41-4	Ethylbenzene	645 B
1330-20-7	Xylenes (total)	65.1 JB
100-42-5	Styrene	100 U
75-25-2	Bromoform	100 U
79-34-5	1,1,2,2-Tetrachloroethane	100 U

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1A
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EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D444

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Dilution Factor: 1.0

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CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	6.8	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	0.20	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	3.0	U
1330-20-7	Xylenes (total)	0.066	JB
75-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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DATA VALIDATION
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Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D445

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Dilution Factor: 1.0

CAS NO. COMPOUND
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

0

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	7.4	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	3.4	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	7.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.36	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	16.7	B
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

DATA VALIDATION

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FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AF1142

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER

Lab Sample ID: 31998012

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 2D446

Level: (low/med) LOW

Date Received: 09/29/00

% Moisture: not dec.

Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/kg) UG/L 0

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	3.0	U
1330-20-7	Xylenes (total)	0.17	JB
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

FORM I VOA

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DATA VALIDATION

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998013

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D447

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	8.2	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	33.2	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.29	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	94.1	B
1330-20-7	Xylenes (total)	3.2	B
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

FORM I VOA

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DATA VALIDATION

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Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

SDG No.: 31998

Lab Sample ID: 31998014

Lab File ID: 2D509

МОТ

Date Received: 09/29/00

% Moisture: not dec.

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (ul)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ng/L or ug/Kg) UG/L	Q
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Chemical Name	Concentration (ppm)
Chloromethane	1.0
Vinyl chloride	1.0
Bromomethane	1.0
Chloroethane	1.0
1,1-Dichloroethane	1.0
Acetone	7.2
Carbon disulfide	5.0
Methylene chloride	5.0
1,1-Dichloroethane	5.0
2-Butanone	5.0
1,2-Dichloroethane (total)	1.2
Chloroform	1.0
1,1,1-Trichloroethane	1.0
Carbon tetrachloride	1.0
1,2-Dichloroethane	1.0
Benzene	1.0
Trichloroethylene	1.0
1,2-Dichloropropane	1.0
Bromodichloromethane	1.0
cis-1,3-Dichloropropylene	1.0
4-Methyl-2-pentanone	5.0
Toluene	1.0
trans-1,3-Dichloropropylene	1.0
1,1,2-Trichloroethane	1.0
2-Hexanone	5.0
Tetrachloroethylene	1.0
Dibromochloromethane	1.0
Chlorobenzene	1.0
Ethylbenzene	1.2
Xylenes (total)	1.0
Styrene	1.0
Bromoform	1.0
1,1,2,2-Tetrachloroethane	1.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998015

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D510

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Dilution Factor: 1.0

AF1442

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	8.3	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	0.064	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

FORM I VOA

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DATA VALID

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

AF1542

Lab Code : N/A Case No. : N/A SAS No. : N/A SDG No. : 31998

Matrix: (soil/water) WATER
Lab sample ID: 31998016

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D511

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. _____
Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Sol Extract Volume: _____ (uL)

Sol Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ng/L or ng/kg) ug/L
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Chemical Name	Concentration (ppm)
Chloromethane	1.0
Vinyl chloride	1.0
Bromomethane	1.0
Chloroethane	1.0
1,1-Dichloroethane	1.0
Acetone	8.2
Carbon disulfide	5.0
Methylene chloride	5.0
1,1-Dichloroethane	5.0
1,2-Dichloroethane	1.0
2-Butanone	5.0
1,2-Dichloroethane (total)	2.0
Chloroform	1.0
1,1,1-Trichloroethane	1.0
Carbon tetrachloride	1.0
1,2-Dichloroethane	1.0
Benzene	0.19
Trichloroethylene	1.0
1,2-Dichloropropane	1.0
Bromodichloromethane	1.0
cis-1,3-Dichloropropylene	1.0
4-Methyl-2-pentanone	5.0
Toluene	1.0
trans-1,3-Dichloropropylene	1.0
1,1,2-Trichloroethane	1.0
2-Hexanone	5.0
Tetrachloroethylene	1.0
Dibromochloromethane	1.0
Chlorobenzene	1.0
Ethylbenzene	1.0
Xylenes (total)	3.0
Styrene	1.0
Bromoform	1.0
1,1,2,2-Tetrachloroethane	1.0

AP1642

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER

Lab Sample ID: 31998017

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 2D512

Level: (low/med) LOW

Date Received: 09/29/00

% Moisture: not dec.

Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	6.5	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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DATA VALIDATION
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AF1842

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998018

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 2D513

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	11.2	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	5.6	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	5.8	U
79-01-6	Trichloroethylene	1.4	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.70	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	0.11	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER Lab Sample ID: 31998019

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2D514

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	7.4	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	0.36	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	0.24	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.99	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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FORM I VOA

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AF2042

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER

Lab Sample ID: 31998001

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 2D435

Level: (low/med) LOW

Date Received: 09/29/00

% Moisture: not dec.

Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	7.7	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	2.3	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	0.55	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	0.42	JB
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

FORM I VOA

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DATA VALIDATION

AF2342

SDG No. : 31998

Lab Sample ID: 31998002

Lab File ID: 2D436

МОТ

Date Received: 09/29/00

• 2000

Date Analyzed: 10/06/00

ID: 0.25 (mm)

Dilution Factor: 1.0

(Tn) _____

Soil Alliquot Volume:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L
74-87-3	Chloromethane	1.0
75-01-4	Vinyl chloride	1.0
74-83-9	Bromomethane	1.0
75-00-3	Chloroethane	1.0
75-35-4	1,1-Dichloroethane	1.0
67-64-1	Acetone	6.6
75-15-0	Carbon disulfide	5.0
75-09-2	Methylene chloride	5.0
75-34-3	1,1-Dichloroethane	1.0
78-93-3	2-Butanone	5.0
540-59-0	1,2-Dichloroethane (total)	8.5
67-66-3	Chloroform	1.0
71-55-6	1,1,1-Trichloroethane	1.0
56-23-5	Carbon tetrachloride	1.0
107-06-2	1,2-Dichloroethane	1.0
71-43-2	Benzene	1.6
79-01-6	Trichloroethylene	0.33
78-87-5	1,2-Dichloropropane	1.0
75-27-4	Bromodichloromethane	1.0
10061-01-5	cis-1,3-Dichloropropylene	1.0
108-10-1	4-Methyl-2-pentanone	5.0
108-88-3	Toluene	1.0
10061-02-6	trans-1,3-Dichloropropylene	1.0
79-00-5	1,1,2-Trichloroethane	1.0
591-78-6	2-Hexanone	5.0
127-18-4	Tetrachloroethylene	1.0
124-48-1	Dibromochloromethane	1.0
108-90-7	Chlorobenzene	1.0
100-41-4	Ethylbenzene	1.0
1330-20-7	Xylenes (total)	3.0
100-42-5	Styrene	1.0
75-25-2	Bromoform	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

AF2442

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER

Lab Sample ID: 31998020

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 2D515

Level: (low/med) LOW

Date Received: 09/29/00

% Moisture: not dec.

Date Analyzed: 10/06/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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DATA 11/11/00
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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE107

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: (uL) Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

0

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	1.6	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	34.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.6	U
79-01-6	Trichloroethylene	1.6	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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DATA VALIDATION

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USE

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For fol

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AF2542DL

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE210

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/10/00

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO. COMPOUND

74-87-3	Chloromethane	10.0	U
75-01-4	Vinyl chloride	10.0	U
74-83-9	Bromomethane	10.0	U
75-00-3	Chloroethane	10.0	U
75-35-4	1,1-Dichloroethane	10.0	U
67-64-1	Acetone	50.0	U
75-15-0	Carbon disulfide	50.0	U
75-09-2	Methylene chloride	50.0	U
75-34-3	1,1-Dichloroethane	10.0	U
78-93-3	2-Butanone	50.0	U
540-59-0	1,2-Dichloroethane (total)	33.2	D
67-66-3	Chloroform	10.0	U
71-55-6	1,1,1-Trichloroethane	10.0	U
56-23-5	Carbon tetrachloride	10.0	U
107-06-2	1,2-Dichloroethane	10.0	U
71-43-2	Benzene	1.9	D
79-01-6	Trichloroethylene	197	D
78-87-5	1,2-Dichloropropane	10.0	U
75-27-4	Bromodichloromethane	10.0	U
10061-01-5	cis-1,3-Dichloropropylene	10.0	U
108-10-1	4-Methyl-2-pentanone	50.0	U
108-88-3	Toluene	10.0	U
10061-02-6	trans-1,3-Dichloropropylene	10.0	U
79-00-5	1,1,2-Trichloroethane	10.0	U
591-78-6	2-Hexanone	50.0	U
127-18-4	Tetrachloroethylene	10.0	U
124-48-1	Dibromochloromethane	10.0	U
108-90-7	Chlorobenzene	10.0	U
100-41-4	Ethylbenzene	10.0	U
1330-20-7	Xylenes (total)	30.0	U
100-42-5	Styrene	10.0	U
75-25-2	Bromoform	10.0	U
79-34-5	1,1,2,2-Tetrachloroethane	10.0	U

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Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE209

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/10/00

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	21.8	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	11.2	E
79-01-6	Trichloroethylene	102	E
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.9	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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DATA VALIDATION
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Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE109

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/kg) ug/L

USE

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	1.0	U
540-59-0	1,2-Dichloroethane (total)	30.7	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.9	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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DATA VALIDATION

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

AF2742DL

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE211

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/10/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND

74-87-3	Chloromethane	2.0	U
75-01-4	Vinyl chloride	2.0	U
74-83-9	Bromomethane	2.0	U
75-00-3	Chloroethane	2.0	U
75-35-4	1,1-Dichloroethane	2.0	U
67-64-1	Acetone	2.0	U
75-15-0	Carbon disulfide	10.0	U
75-09-2	Methylene chloride	10.0	U
75-34-3	1,1-Dichloroethane	2.0	U
78-93-3	2-Butanone	10.0	U
540-59-0	1,2-Dichloroethane (total)	33.5	D
67-66-3	Chloroform	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
56-23-5	Carbon tetrachloride	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
71-43-2	Benzene	1.9	DJ
79-01-6	Trichloroethylene	1.79	D
78-87-5	1,2-Dichloropropane	2.0	U
75-27-4	Bromodichloromethane	2.0	U
10061-01-5	cis-1,3-Dichloropropylene	2.0	U
108-10-1	4-Methyl-2-pentanone	10.0	U
108-88-3	Toluene	2.0	U
10061-02-6	trans-1,3-Dichloropropylene	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
591-78-6	2-Hexanone	10.0	U
127-18-4	Tetrachloroethylene	2.0	U
124-48-1	Dibromochloromethane	2.0	U
108-90-7	Chlorobenzene	2.0	U
100-41-4	Ethylbenzene	2.0	U
1330-20-7	Xylenes (total)	6.0	U
100-42-5	Styrene	2.0	U
75-25-2	Bromoforn	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U

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DATA VALIDATION

AF2842

SDG No. : 31999

Lab Sample ID: 31999004

Date Received: 09/29/00

Date Analyzed: 10/10/00

Dilution Factor: 1.0

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L
74-87-3	Chloromethane	1.0 U
75-01-4	Vinyl chloride	1.0 U
74-83-9	Bromomethane	1.0 U
75-00-3	Chloroethane	1.0 U
75-35-4	1,1-Dichloroethane	1.0 U
67-64-1	Acetone	5.0 U
75-15-0	Carbon disulfide	5.0 U
75-09-2	Methylene chloride	5.0 U
75-34-3	1,1-Dichloroethane	1.0 U
78-93-3	2-Butanone	5.0 U
540-59-0	1,2-Dichloroethane (total)	42.6 U
67-66-3	Chloroform	1.0 U
71-55-6	1,1,1-Trichloroethane	1.0 U
56-23-5	Carbon tetrachloride	1.0 U
107-06-2	1,2-Dichloroethane	1.0 U
71-43-2	Benzene	8.6 U
79-01-6	Trichloroethylene	56.8 U
78-87-5	1,2-Dichloropropane	1.0 U
75-27-4	Bromodichloromethane	1.0 U
10061-01-5	cis-1,3-Dichloropropylene	1.0 U
108-10-1	4-Methyl-2-pentanone	5.0 U
108-88-3	Toluene	1.2 U
10061-02-6	trans-1,3-Dichloropropylene	1.0 U
79-00-5	1,1,2-Trichloroethane	1.0 U
591-78-6	2-Hexanone	5.0 U
127-18-4	Tetrachloroethylene	1.0 U
124-48-1	Dibromochloromethane	1.0 U
108-90-7	Chlorobenzene	1.0 U
100-41-4	Ethylbenzene	1.0 U
1330-20-7	Xylenes (total)	3.0 U
100-42-5	Styrene	1.0 U
75-25-2	Bromoform	1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5E111

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

USE

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	0.77	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	12.4	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	1.0	U
540-59-0	1,2-Dichloroethane (total)	2.4	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	2.6	U
79-01-6	Trichloroethylene	351	U
78-87-5	1,2-Dichloropropane	329	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	2.8	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	54.1	U
1330-20-7	Xylenes (total)	5.1	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

FORM I VOA

DATA VALIDATION
CLM03.0

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AF2942DL

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE212

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/10/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

DO NOT USE

74-87-3	Chloromethane	5.0	u
75-01-4	Vinyl chloride	5.0	u
74-83-9	Bromomethane	5.0	u
75-00-3	Chloroethane	5.0	u
75-35-4	1,1-Dichloroethane	5.0	u
67-64-1	Acetone	25.0	u
75-15-0	Carbon disulfide	25.0	u
75-09-2	Methylene chloride	25.0	u
75-34-3	1,1-Dichloroethane	5.0	u
78-93-3	2-Butanone	25.0	u
540-59-0	1,2-Dichloroethane (total)	2.4	DJ
67-66-3	Chloroform	5.0	u
71-55-6	1,1,1-Trichloroethane	5.0	u
56-23-5	Carbon tetrachloride	5.0	u
107-06-2	1,2-Dichloroethane	5.0	u
71-43-2	Benzene	351	D
79-01-6	Trichloroethylene	2.8	DJ
78-87-5	1,2-Dichloropropane	5.0	u
75-27-4	Bromodichloromethane	5.0	u
10061-01-5	cis-1,3-Dichloropropylene	5.0	u
108-10-1	4-Methyl-2-pentanone	25.0	u
108-88-3	Toluene	2.8	DJ
10061-02-6	trans-1,3-Dichloropropylene	5.0	u
79-00-5	1,1,2-Trichloroethane	5.0	u
591-78-6	2-Hexanone	25.0	u
127-18-4	Tetrachloroethylene	5.0	u
124-48-1	Dibromochloromethane	5.0	u
108-90-7	Chlorobenzene	5.0	u
100-41-4	Ethylbenzene	47.0	D
1330-20-7	Xylenes (total)	3.8	DJ
100-42-5	Styrene	5.0	u
75-25-2	Bromoform	5.0	u
79-34-5	1,1,2,2-Tetrachloroethane	5.0	u

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DATA VALIDATION
OLM03.0

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AF3342

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999006

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5E207

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/10/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ng/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0	u
75-01-4	Vinyl chloride	1.0	u
74-83-9	Bromomethane	1.0	u
75-00-3	Chloroethane	1.0	u
75-35-4	1,1-Dichloroethane	1.0	u
67-64-1	Acetone	5.0	u
75-15-0	Carbon disulfide	5.0	u
75-09-2	Methylene chloride	5.0	u
75-34-3	1,1-Dichloroethane	1.0	u
78-93-3	2-Butanone	5.0	u
540-59-0	1,2-Dichloroethane (total)	8.1	u
67-66-3	Chloroform	1.0	u
71-55-6	1,1,1-Trichloroethane	1.0	u
56-23-5	Carbon tetrachloride	1.0	u
107-06-2	1,2-Dichloroethane	1.0	u
71-43-2	Benzene	1.0	u
79-01-6	Trichloroethylene	34.4	u
78-87-5	1,2-Dichloropropane	1.0	u
75-27-4	Bromodichloromethane	1.0	u
10061-01-5	cis-1,3-Dichloropropylene	1.0	u
108-10-1	4-Methyl-2-pentanone	5.0	u
108-88-3	Toluene	1.0	u
10061-02-6	trans-1,3-Dichloropropylene	1.0	u
79-00-5	1,1,2-Trichloroethane	1.0	u
591-78-6	2-Hexanone	5.0	u
127-18-4	Tetrachloroethylene	1.0	u
124-48-1	Dibromochloromethane	1.0	u
108-90-7	Chlorobenzene	1.0	u
100-41-4	Ethylbenzene	1.0	u
1330-20-7	Xylenes (total)	3.0	u
100-42-5	Styrene	1.0	u
75-25-2	Bromoform	1.0	u
79-34-5	1,1,2,2-Tetrachloroethane	1.0	u

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EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

AF3442

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999007

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5B13

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	3.9	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	2.8	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	13.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	105	E
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.47	J
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AF3542

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5E114

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/09/00

GC column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethane	1.0	U
67-64-1	Acetone	4.7	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethane (total)	9.6	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	0.38	U
79-01-6	Trichloroethylene	27.6	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoforn	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

AF3642

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER
Lab Sample ID: 31999009

Sample wt/vol: 5.000 (g/ml) ML

Lab File ID: 5E115

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. _____
Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1:0

Soil Extract Volume: _____ (uL)

Soil Alliquot Volume: _____ (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L
74-87-3	Chloromethane	1.0
75-01-4	Vinyl chloride	1.0
74-83-9	Bromomethane	1.0
75-00-3	Chloroethane	1.0
75-35-4	1,1-Dichloroethane	1.0
67-64-1	Acetone	6.8
75-15-0	Carbon disulfide	5.0
75-09-2	Methylene chloride	5.0
75-34-3	1,1-Dichloroethane	1.0
78-93-3	2-Butanone	5.0
540-59-0	1,2-Dichloroethane (total)	3.3
67-66-3	Chloroform	1.0
71-55-6	1,1,1-Trichloroethane	1.0
56-23-5	Carbon tetrachloride	1.0
107-06-2	1,2-Dichloroethane	1.0
71-43-2	Benzene	0.83
79-01-6	Trichloroethylene	10.3
78-27-4	1,2-Dichloropropane	1.0
75-27-5	Bromodichloromethane	1.0
10061-01-5	cis-1,3-Dichloropropylene	1.0
108-10-1	4-Methyl-2-pentanone	5.0
108-88-3	Toluene	0.78
10061-02-6	trans-1,3-Dichloropropylene	1.0
79-00-5	1,1,2-Trichloroethane	1.0
591-78-6	2-Hexanone	5.0
127-18-4	Tetrachloroethylene	1.0
124-48-1	Dibromochloromethane	1.0
108-90-7	Chlorobenzene	1.0
100-41-4	Ethylbenzene	1.0
1330-20-7	Xylenes (total)	3.0
100-42-5	Styrene	1.0
75-25-2	Bromoform	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0

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Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

AF3742DL

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE213

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/10/00

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

DO NOT USE

74-87-3	Chloromethane	5.0	u
75-01-4	Vinyl chloride	5.0	u
74-83-9	Bromomethane	5.0	u
75-00-3	Chloroethane	5.0	u
75-35-4	1,1-Dichloroethane	5.0	u
67-64-1	Acetone	25.0	u
75-15-0	Carbon disulfide	25.0	u
75-09-2	Methylene chloride	25.0	u
75-34-3	1,1-Dichloroethane	25.0	u
78-93-3	2-Butanone	25.0	u
540-59-0	1,2-Dichloroethane (total)	17.4	D
67-66-3	Chloroform	5.0	u
71-55-6	1,1,1-Trichloroethane	5.0	u
56-23-5	Carbon tetrachloride	5.0	u
107-06-2	1,2-Dichloroethane	5.0	u
71-43-2	Benzene	3.5	D
79-01-6	Trichloroethylene	226	D
78-87-5	1,2-Dichloropropane	5.0	u
75-27-4	Bromodichloromethane	5.0	u
10061-01-5	cis-1,3-Dichloropropylene	5.0	u
108-10-1	4-Methyl-2-pentanone	25.0	u
108-88-3	Toluene	5.0	u
10061-02-6	trans-1,3-Dichloropropylene	5.0	u
79-00-5	1,1,2-Trichloroethane	5.0	u
591-78-6	2-Hexanone	25.0	u
127-18-4	Tetrachloroethylene	5.0	u
124-48-1	Dibromochloromethane	5.0	u
108-90-7	Chlorobenzene	5.0	u
100-41-4	Ethylbenzene	5.0	u
1330-20-7	Xylenes (total)	15.0	u
100-42-5	Styrene	5.0	u
75-25-2	Bromoforn	5.0	u
79-34-5	1,1,2,2-Tetrachloroethane	5.0	u

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EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5B117

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/kg) UG/L

74-87-3	Chloromethane	1.0 U
75-01-4	Vinyl chloride	1.0 U
74-83-9	Bromomethane	1.0 U
75-00-3	Chloroethane	1.0 U
75-35-4	1,1-Dichloroethylene	1.0 U
67-64-1	Acetone	6.8 U
75-15-0	Carbon disulfide	5.0 U
75-09-2	Methylene chloride	5.0 U
75-34-3	1,1-Dichloroethane	1.0 U
78-93-3	2-Butanone	5.0 U
540-59-0	1,2-Dichloroethylene (total)	0.39 U
67-66-3	Chloroform	1.0 U
71-55-6	1,1,1-Trichloroethane	1.0 U
56-23-5	Carbon tetrachloride	1.0 U
107-06-2	1,2-Dichloroethane	1.0 U
71-43-2	Benzene	0.19 U
79-01-6	Trichloroethylene	1.0 U
78-87-5	1,2-Dichloropropane	1.0 U
75-27-4	Bromodichloromethane	1.0 U
10061-01-5	cis-1,3-Dichloropropylene	1.0 U
108-10-1	4-Methyl-2-pentanone	5.0 U
108-88-3	Toluene	1.4 U
10061-02-6	trans-1,3-Dichloropropylene	1.0 U
79-00-5	1,1,2-Trichloroethane	1.0 U
591-78-6	2-Hexanone	5.0 U
127-18-4	Tetrachloroethylene	1.0 U
124-48-1	Dibromochloromethane	1.0 U
108-90-7	Chlorobenzene	1.0 U
100-41-4	Ethylbenzene	1.0 U
1330-20-7	Xylenes (total)	3.0 U
100-42-5	Styrene	1.0 U
75-25-2	Bromoform	1.0 U
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U

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Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

AF4042

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER
Lab Sample ID: 31999012

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 5E118

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. _____
Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ng/L or ug/kg)
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Chemical Name	Concentration (ppm)
Chloromethane	1.0
Vinyl chloride	0.76
Bromomethane	1.0
Chloroethane	1.0
1,1-Dichloroethane	1.0
67-64-1-Acetone	2.6
Carbon disulfide	5.0
Methylene chloride	5.0
1,1-Dichloroethane	1.0
2-Butanone	5.0
1,2-Dichloroethane (total)	14.6
Chloroform	1.0
1,1,1-Trichloroethane	1.0
Carbon tetrachloride	1.0
1,2-Dichloroethane	1.0
Benzene	1.8
Trichloroethylene	42.9
1,2-Dichloropropane	1.0
Bromodichloromethane	1.0
cis-1,3-Dichloropropylene	1.0
4-Methyl-2-pentanone	5.0
Toluene	1.0
trans-1,3-Dichloropropylene	1.0
1,1,2-Trichloroethane	1.0
2-Hexanone	5.0
Tetrachloroethylene	1.0
Dibromochloromethane	1.0
Chlorobenzene	1.0
Ethylbenzene	0.45
Xylenes (total)	3.0
Styrene	1.0
Bromoform	1.0
1,1,2,2-Tetrachloroethane	1.0

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AF4242

SDG No. : 31999

Lab File ID: SE120

Date Received: 09/29/00

Date Analyzed: 10/09/00

Dilution Factor: 1.0

Soil Aliquot Volume: _____ (mL)

CONCENTRATION UNITS: (ug/L or ug/kg)

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EPA SAMPLE NO.

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VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31999

Matrix: (soil/water) WATER Lab Sample ID: 31999015

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: SE121

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec. Date Analyzed: 10/09/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

74-87-3	Chloromethane	1.0
75-01-4	Vinyl chloride	1.0
74-83-9	Bromomethane	1.0
75-00-3	Chloroethane	1.0
75-35-4	1,1-Dichloroethane	1.0
67-64-1	Acetone	2.8
75-15-0	Carbon disulfide	5.0
75-09-2	Methylene chloride	5.0
75-34-3	1,1-Dichloroethane	1.0
78-93-3	2-Butanone	5.0
540-59-0	1,2-Dichloroethane (total)	2.0
67-66-3	Chloroform	1.0
71-55-6	1,1,1-Trichloroethane	1.0
56-23-5	Carbon tetrachloride	1.0
107-06-2	1,2-Dichloroethane	1.0
71-43-2	Benzene	1.0
79-01-6	Trichloroethylene	1.0
78-87-5	1,2-Dichloropropane	1.0
75-27-4	Bromodichloromethane	1.0
10061-01-5	cis-1,3-Dichloropropylene	1.0
108-10-1	4-Methyl-2-pentanone	5.0
108-88-3	Toluene	1.0
10061-02-6	trans-1,3-Dichloropropylene	1.0
79-00-5	1,1,2-Trichloroethane	1.0
591-78-6	2-Hexanone	5.0
127-18-4	Tetrachloroethylene	1.0
124-48-1	Dibromochloromethane	1.0
108-90-7	Chlorobenzene	1.0
100-41-4	Ethylbenzene	1.0
1330-20-7	Xylenes (total)	3.0
100-42-5	Styrene	1.0
75-25-2	Bromoform	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1.0

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

VI

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 31998

Matrix: (soil/water) WATER
Lab Sample ID: 31998003

Sample wt/vol: 5.000 (g/mL) ML

Level: (low/med) LOW Date Received: 09/29/00

% Moisture: not dec.

GC Column: DB-624 ID: 0.25 (mm)

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	(ng/L or µg/kg) CONCENTRATION UNITS:
100-02-7	Acetone	100
107-13-3	Acetic acid	100
108-90-7	Acetic anhydride	100
109-66-7	Acetic chloride	100
109-89-6	Acetic bromide	100
109-90-0	Acetic iodide	100
109-94-0	Acetic nitrate	100
109-95-1	Acetic peroxide	100
109-96-2	Acetic sulfide	100
109-97-3	Acetic sulfonate	100
109-98-4	Acetic sulfonate	100
109-99-5	Acetic sulfonate	100
109-100-6	Acetic sulfonate	100
109-101-7	Acetic sulfonate	100
109-102-8	Acetic sulfonate	100
109-103-9	Acetic sulfonate	100
109-104-0	Acetic sulfonate	100
109-105-1	Acetic sulfonate	100
109-106-2	Acetic sulfonate	100
109-107-3	Acetic sulfonate	100
109-108-4	Acetic sulfonate	100
109-109-5	Acetic sulfonate	100
109-110-6	Acetic sulfonate	100
109-111-7	Acetic sulfonate	100
109-112-8	Acetic sulfonate	100
109-113-9	Acetic sulfonate	100
109-114-0	Acetic sulfonate	100
109-115-1	Acetic sulfonate	100
109-116-2	Acetic sulfonate	100
109-117-3	Acetic sulfonate	100
109-118-4	Acetic sulfonate	100
109-119-5	Acetic sulfonate	100
109-120-6	Acetic sulfonate	100
109-121-7	Acetic sulfonate	100
109-122-8	Acetic sulfonate	100
109-123-9	Acetic sulfonate	100
109-124-0	Acetic sulfonate	100
109-125-1	Acetic sulfonate	100
109-126-2	Acetic sulfonate	100
109-127-3	Acetic sulfonate	100
109-128-4	Acetic sulfonate	100
109-129-5	Acetic sulfonate	100
109-130-6	Acetic sulfonate	100
109-131-7	Acetic sulfonate	100
109-132-8	Acetic sulfonate	100
109-133-9	Acetic sulfonate	100
109-134-0	Acetic sulfonate	100
109-135-1	Acetic sulfonate	100
109-136-2	Acetic sulfonate	100
109-137-3	Acetic sulfonate	100
109-138-4	Acetic sulfonate	100
109-139-5	Acetic sulfonate	100
109-140-6	Acetic sulfonate	100
109-141-7	Acetic sulfonate	100
109-142-8	Acetic sulfonate	100
109-143-9	Acetic sulfonate	100
109-144-0	Acetic sulfonate	100
109-145-1	Acetic sulfonate	100
109-146-2	Acetic sulfonate	100
109-147-3	Acetic sulfonate	100
109-148-4	Acetic sulfonate	100
109-149-5	Acetic sulfonate	100
109-150-6	Acetic sulfonate	100
109-151-7	Acetic sulfonate	100
109-152-8	Acetic sulfonate	100
109-153-9	Acetic sulfonate	100
109-154-0	Acetic sulfonate	100
109-155-1	Acetic sulfonate	100
109-156-2	Acetic sulfonate	100
109-157-3	Acetic sulfonate	100
109-158-4	Acetic sulfonate	100
109-159-5	Acetic sulfonate	100
109-160-6	Acetic sulfonate	100
109-161-7	Acetic sulfonate	100
109-162-8	Acetic sulfonate	100
109-163-9	Acetic sulfonate	100
109-164-0	Acetic sulfonate	100
109-165-1	Acetic sulfonate	100
109-166-2	Acetic sulfonate	100
109-167-3	Acetic sulfonate	100
109-168-4	Acetic sulfonate	100
109-169-5	Acetic sulfonate	100
109-170-6	Acetic sulfonate	100
109-171-7	Acetic sulfonate	100
109-172-8	Acetic sulfonate	100
109-173-9	Acetic sulfonate	100
109-174-0	Acetic sulfonate	100
109-175-1	Acetic sulfonate	100
109-176-2	Acetic sulfonate	100
109-177-3	Acetic sulfonate	100
109-178-4	Acetic sulfonate	100
109-179-5	Acetic sulfonate	100
109-180-6	Acetic sulfonate	100
109-181-7	Acetic sulfonate	100
109-182-8	Acetic sulfonate	100
109-183-9	Acetic sulfonate	100
109-184-0	Acetic sulfonate	

Chemical Name	Concentration (ppm)
Chloromethane	1.0
Vinyl chloride	1.0
Bromomethane	1.0
Chloroethane	1.0
1,1-Dichloroethylene	1.0
Acetone	5.0
Carbon disulfide	5.0
Methylene chloride	5.0
1,1-Dichloroethane	5.0
2-Butanone	5.0
1,2-Dichloroethylene (total)	2.0
Chloroform	1.0
1,1,1-Trichloroethane	1.0
Carbon tetrachloride	1.0
1,2-Dichloroethane	1.0
Benzene	1.0
Trichloroethylene	1.0
1,2-Dichloropropane	1.0
Bromodichloromethane	1.0
cis-1,3-Dichloropropylene	1.0
4-Methyl-2-pentanone	5.0
Toluene	1.0
trans-1,3-Dichloropropylene	1.0
1,1,2-Trichloroethane	1.0
2-Hexanone	5.0
Tetrachloroethylene	1.0
Dibromochloromethane	1.0
Chlorobenzene	1.0
Ethylbenzene	3.0
Xylenes (total)	1.0
Styrene	1.0
Bromoform	1.0
1,1,2,2-Tetrachloroethane	1.0

[illegible]



800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

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CHAIN OF CUSTODY RECORD

COC NO.: H25441

PROJECT NAME: HAAF-USTS 25&26				REQUESTED PARAMETERS												LABORATORY NAME: General Engineering Laboratory							
PROJECT NUMBER: 01-1624-04-2725-210																LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29407							
PROJECT MANAGER: Patty Stoll																PHONE NO: (843) 556-8171							
Sampler (Signature) <i>Donna J. Stoll</i>				(Printed Name) Donna J. Stoll																OVA SCREENING		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix													No. of Bottles/ Vials:							
AF1342	9/28/00	1307	water													2		3998014					
AF1442	9/28/00	1247														2		2015					
AF1542	9/28/00	1205														2		2016					
AF1642	9/28/00	1130														2		2017					
AF1842	9/28/00	1205														2		2018					
AF1942	9/28/00	1050														2		2019					
AF2442	9/28/00	1340														2		2020					
AF2542	9/28/00	1015														2		3999001					
AF2642	9/28/00	0956														2		2002					
AF2742	9/28/00	1015														2		2003					
AF2842	9/28/00	1051														2		2004					
AF2942	9/28/00	1115														2		2005					
AF3342	9/28/00	1120														2		2006					
RELINQUISHED BY: <i>Donna J. Stoll</i>				RECEIVED BY: <i>Michael J. Stoll</i>				Date/Time 9/29/00				TOTAL NUMBER OF CONTAINERS: Cooler ID: #245				Cooler Temperature: 4.2							
COMPANY NAME: SAIC				COMPANY NAME: SAIC				Date/Time 1035								FEDEX NUMBER:							
RECEIVED BY: <i>Raymond Reed</i>				RELINQUISHED BY:				Date/Time 9/29/00															
COMPANY NAME: G.E.L.				COMPANY NAME:				Date/Time 1035															
RELINQUISHED BY: <i>Raymond Reed</i>				RECEIVED BY:				Date/Time 9/29/00															
COMPANY NAME: G.E.L.				COMPANY NAME:				Date/Time 1035															

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CHAIN OF CUSTODY RECORD

COC NO.: 1425 001

PROJECT NAME: HAAF-USTs 25&26			REQUESTED PARAMETERS										LABORATORY NAME: General Engineering Laboratory						
PROJECT NUMBER: 01-1624-04-2725-210													LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29407						
PROJECT MANAGER: Patty Stoll													PHONE NO: (843) 556-8171						
Sampler (Signature) <i>James Lindberg</i>			(Printed Name) Laura Lumley													OVA SCREENING		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix	Voc										No. of Bottles/ Vials:					
AF3442	9/26/00	1010	water											2		31999007			
AF3542	9/26/00	1040												2		008			
AF3642	9/26/00	0935												2		009			
AF3742	9/26/00	0915												2		010			
AF3842	9/26/00	0935												2		011			
AF4042	9/26/00	1315												2		012			
AF4142	9/26/00	1225												2		013			
AF4242	9/26/00	1130												2		014			
AF4342	9/26/00	0740												2		015			
RELINQUISHED BY: <i>James Lindberg</i>			RECEIVED BY: <i>William Randall</i>			TOTAL NUMBER OF CONTAINERS: 70										Cooler ID: # 265		FEDEX NUMBER:	
COMPANY NAME: SAIC			COMPANY NAME: GEL			Date/Time: 9/29/00										Cooler Temperature: 4.2			
RECEIVED BY: <i>Patty Stoll</i>			RELINQUISHED BY:			Date/Time: 1035													
COMPANY NAME: SAIC			COMPANY NAME:			Date/Time: 9/29/00													
RELINQUISHED BY: <i>Patty Stoll</i>			RECEIVED BY:			Date/Time: 1330													
COMPANY NAME: SAIC			COMPANY NAME:			Date/Time: 1330													