00594

GROUNDWATER MONITORING
VALIDATED ANALYTICAL RESULTS FOR THE SECOND QUARTER 1996
ASH LANDFILL, SENECA ARMY DEPOT

PREPARED FOR:
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TABLES

TABLE 1

SENECA ARMY DEPOT ACTIVITY
1995/1996 GROUNDWATER MONITORING PROGRAM
GROUNDWATER ELEVATION DATA

g	Elevation at Top of Riser (MSL)	First Quarter 1995			Second Quarter 1995			Third Quarter 1995			Fourth Quarter 1995			First Quar	
		Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)	Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)	Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)	Date	Depth from Top of Riser (ft.)	Elevation of Water Level (ft.)	Date	Depth from of Riser (f
ill															
	681.52				06/05/95	10.4	671.12	09/12/95	10.5	671.02	1/11/96	8.22	673.3	03/14/96	7.26
	658.22	03/16/95	4.28	653.94	06/05/95	7.2	651.02	09/12/95	8.39	649.83	1/11/96	4.94	653.28	03/14/96	4.44
	652.15				06/05/95	Destroyed								03/14/96	7.94
	637.76				06/05/95	8.2	629.56	09/12/95	9.73	628.03	1/11/96	4.94	632.82	03/14/96	5.73
	637.51				06/05/95	4.68	632.83	09/12/95	5.36	632.15	1/11/96	3.18	634.33	03/14/96	2.66
	640.14				06/05/95	7.87	632.27	09/12/95	8.66	631.48	1/11/96	6.16	633.98	03/14/96	5.04
	656.68				06/05/95	8.24	648.44	09/12/95	8.81	647.87	1/11/96	7.22	649.46	03/14/96	7.08
	645.26	03/17/95	3.1	642.16	06/05/95	6.33	638.93	09/12/95	7.57	637.69	1/10/96	4.14	641.12	03/14/96	2.62
	647.28				06/05/95	7.69	639.59	09/12/95	8.83	638.45	1/11/96	6.89	640.39	03/14/96	6.64
	647.73				06/05/95	Destroyed								03/14/96	8.16
	648.61				06/05/95	8.92	639.69	09/12/95	9.74	638.87	1/11/96	8.9	639.71	03/14/96	8.66
	641.58				06/05/95	6.95	634.63	09/12/95	7.94	633.64	1/11/96	4.74	636.84	03/14/96	4.17
	636.40				06/05/95	5.41	630.99	09/12/95	5.64	630.76	1/11/96	5.08	631.32	03/14/96	4.48
	637.09				06/05/95	7.2	629.89	09/12/95	9.84	627.25	1/10/96	5.63	631.46	03/14/96	4.04
	614.64				06/05/95	7.02	607.62	09/12/95	N/A	614.64	1/11/96		614.64	03/14/96	Not Measu
	639.32	03/16/95	5.13	634.19	06/05/95	6.85	632.47	09/12/95	6.74	632.58	1/11/96	6.04	633.28	03/14/96	5.7
	637.21				06/05/95	5.93	631.28	09/12/95	6.12	631.09	1/11/96	5.66	631.55	03/14/96	5.23
	637.31				06/05/95	7.38	629.93	09/12/95	7.78	629.53	1/11/96	6.68	630.63	03/14/96	6.2
	640.32	03/17/95	4.1	636.22	06/05/95	Dry		09/12/95	10.42	629.9	1/11/96	7.65	632.67	03/14/96	5.88
	636.70				06/05/95	6.49	630.21	09/12/95	8.7	628.00	1/11/96	4.88	631.82	03/14/96	3.38
	641.68				06/05/95	8	633.68	09/12/95	8.9	632.78	1/11/96	6.86	634.82	03/14/96	5.45
	639.56				06/05/95	8.76	630.8	09/12/95	9.62	629.94	1/11/96	6.24	633.32	03/14/96	4.96
	632.89				06/05/95	5.93	626.96	09/12/95	8.9	623.99	1/10/96	4.72	628.17	03/14/96	3.16
	631.82				06/05/95	4.15	627.67	09/12/95	5.43	626.39	1/10/96	2.89	628.93	03/14/96	2.38
	631.79	03/16/95	2.34	629.45	06/05/95	4.36	627.43	09/12/95	5.94	625.85	1/10/96	2.97	628.82	03/14/96	2.32
	632.89	09/23/01			06/05/95	4.58	628.31	09/12/95	5.96	626.93	1/11/96	3.32	629.57	03/14/96	2.24
	637.90	09/28/01			06/05/95	5.23	632.67	09/12/95	8.91	628.99	1/11/96	3.88	634.02	03/14/96	3.47
	659.54	10/20/01			06/05/95	3.96	655.58	09/12/95	5.27	654.27	1/11/96	1.91	657.63	03/14/96	Frozen
	659.30	10/20/01	3.61	655.69	06/05/95	6.48	652.82	09/12/95	7.46	651.84	1/11/96	4.44	654.86	03/14/96	3.81
	694.02	11/24/01			06/05/95	8.48	685.54	09/12/95	8.76	685.26	1/11/96	7.32	686.7	03/14/96	7
	683.04				06/05/95	5.97	677.07	09/12/95	8.34	674.70	1/11/96	4.02	679.02	03/14/96	3.53
	657.73				06/05/95	4.72	653.01	09/12/95	5.73	652.00	1/11/96	Frozen	NA	03/14/96	Frozen
	653.85				06/05/95	Destroyed								03/14/96	8.93
	650.90	03/17/95	3.05	647.85	06/05/95	5.26	645.64	09/12/95	6.34	644.56	1/11/96	Frozen	NA	03/14/96	Frozen
	650.41				06/05/95	7.06	643.35	09/12/95	7.96	642.45	1/11/96	6.16	644.25	03/14/96	5.72
	628.06	03/16/95	2.84	625.22	06/05/95	6.48	621.58	09/12/95	5.96	622.10	1/11/96	Frozen	NA	03/14/96	Frozen
	648.32	03/17/95	3.1	645.22	06/05/95	6.13	642.19	09/12/95	6.86	641.46	1/11/96	3.7	644.62	03/14/96	Frozen
	650.50				06/05/95	7.1	643.4	09/12/95	7.88	642.62	1/11/96	6.09	644.41	03/14/96	5.71
	649.88				06/05/95	6.88	643	09/12/95	7.69	642.19	1/11/96	6.02	643.86	03/14/96	5.78
	628.24				06/05/95	6.63	621.61	09/12/95	6.12	622.12	1/11/96		628.24	03/14/96	2.78
	626.35				06/05/95	6.12	620.23	09/12/95	5.68	620.67	1/11/96	3	623.35	03/14/96	Frozen
	639.41				06/05/95	8.45	630.96	09/12/95	8.94	630.47	1/11/96	7.86	631.55	03/14/96	6.98
	639.11				06/05/95	8.3	630.81	09/12/95	8.76	630.35	1/11/96	7.66	631.45	03/14/96	6.97
	639.16				06/05/95	8.18	630.98	09/12/95	8.62	630.54	1/11/96	7.42	631.74	03/14/96	6.88
	630.51	03/16/95	2.95	627.56	06/05/95	4.14	626.37	09/12/95	4.31	626.20	1/11/96	Frozen	NA	03/14/96	Frozen
	629.82				06/05/95	3.79	626.03	09/12/95	3.7	626.12	1/11/96	2.42	627.4	03/14/96	1.91
	629.69				06/05/95	3.6	626.09	09/12/95	3.52	626.17	1/11/96	2.2	627.49	03/14/96	2.25
	656.83	03/17/95	1.9	654.93	06/05/95	3.26	653.57	09/12/95	4.58	652.25	1/11/96	2.14	654.69	03/14/96	Frozen
	660.15	03/17/95	2.02	658.13	06/05/95	3.83	656.32	09/12/95	5.33	654.82	1/11/96	2.34	657.81	03/14/96	Frozen

Table 2

Ash Landfill 1996 Second Quarter Groundwater Monitoring
Validated Volatile Organic Analyses Results (Method 524.2)

	SAMPLE ID	AL015	AL014	AL013	AL003	AL004	AL016	AL005
	WELL ID	BNS	FHD	FHS	MW27	MW30	MW36(DU)	MW36
	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER	WATER
	SAMPLE DATE	06/22/96	06/22/96	06/22/96	06/23/96	06/23/96	06/22/96	06/22/96
	SDG NO.	59240	59240	59240	59240	59240	59240	59240
COMPOUND	UNITS							
Dichlorodifluromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	ug/L	0.4 J	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U
Vinyl Chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	5 R	5 R	5 R	5 R	5 R	5 R	5 R
1,1-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	5 R	5 R	5 R	5 R	5 R	5 R	5 R
2,2-Dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U
1,2-Dichloroctopane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
cis-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
1,3 - Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Styrene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropan	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 2

Ash Landfill 1996 Second Quarter Groundwater Monitoring
Validated Volatile Organic Analyses Results (Method 524.2)

	SAMPLE ID	AL006	AL007	AL008	AL009	AL010	AL011
	WELL ID	MW40	MW45	MW47	MW48	MW56	MW59
	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER
	SAMPLE DATE	06/23/96	06/23/96	06/23/96	06/23/96	06/22/96	06/21/96
	SDG NO.	59240	59240	59240	59240	59240	59240
COMPOUND	UNITS						
Dichlorodifluromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	ug/L	5 R	5 R	5 R	5 R	5 R	5 R
1,1-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylene Chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U
2-Butanone	ug/L	5 R	5 R	5 R	5 R	5 R	5 R
2,2-Dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroctopane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 U
cis-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.4 J	0.5 U
trans-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Hexanone	ug/L	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
1,3 - Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
Styrene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropan	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 2

Ash Landfill 1996 Second Quarter Groundwater Monitoring
Validated Volatile Organic Analyses Results (Method 524.2)

	SAMPLE ID	AL012	AL001	AL002
	WELL ID	MW60	PT11	PT19
	MATRIX	WATER	WATER	WATER
	SAMPLE DATE	06/21/96	06/21/96	06/23/96
	SDG NO.	59240	59240	59240
COMPOUND	UNITS			
Dichlorodifluromethane	ug/L	0.5 U	0.5 U	0.5 U
Chloromethane	ug/L	0.5 U	0.5 U	0.5 U
Vinyl Chloride	ug/L	0.5 U	0.5 U	0.5 U
Bromomethane	ug/L	0.5 U	0.5 U	0.5 U
Chloroethane	ug/L	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U
Acetone	ug/L	5 R	5 R	5 R
1,1-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U
Carbon Disulfide	ug/L	0.5 U	0.5 U	0.5 U
Methylene Chloride	ug/L	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U
2-Butanone	ug/L	5 R	5 R	5 R
2,2-Dichloropropane	ug/L	0.5 U	0.5 U	0.5 U
Chloroform	ug/L	0.5 U	0.5 U	0.5 U
Bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	ug/L	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	ug/L	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U
Benzene	ug/L	0.5 U	0.5 U	0.5 U
Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U
1,2-Dichloroctopane	ug/L	0.5 U	0.5 U	0.5 U
Bromodichloromethane	ug/L	0.5 U	0.5 U	0.5 U
Dibromomethane	ug/L	0.5 U	0.5 U	0.5 U
4-Methyl-2-Pentanone	ug/L	5 U	5 U	5 UJ
cis-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U
Toluene	ug/L	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U
2-Hexanone	ug/L	5 UJ	5 UJ	5 UJ
1,3 - Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U
Tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U
Dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	ug/L	0.5 U	0.5 U	0.5 U
Chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U
1,1,1,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U
Ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U
Xylene (total)	ug/L	0.5 U	0.5 U	0.5 UJ
Styrene	ug/L	0.5 U	0.5 U	0.5 U
Bromoform	ug/L	0.5 U	0.5 U	0.5 U
Isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	ug/L	0.5 U	0.5 U	0.5 U
Bromobenzene	ug/L	0.5 U	0.5 U	0.5 U
n-Propylbenzene	ug/L	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	ug/L	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U
n-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-Chloropropan	ug/L	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	ug/L	0.5 U	0.5 U	0.5 U
Naphthalene	ug/L	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	ug/L	0.5 U	0.5 U	0.5 U

FIGURES

N

SEAD RAILROAD

APPROXIMATE LOCATION OF 6" WATER MAIN

COOKING GREASE PITS DISPOSAL AREA

W-A

NON COMBUSTIBLE FILL LANDFILL

DEBRIS PILE

DEBRIS PILE

DEBRIS PILE

ASH LANDFILL

W-B

W-D

W-F

ABANDONED INCINERATOR BUILDING

WEST SMITH FARM ROAD

CEMETERY ROAD

APPROXIMATE LOCATION OF 6" WATER MAIN

WEST PATROL ROAD

CONRAIL RAILROAD

ASPHALT

SEAD-1 EL.630.90'

SEAD-2 EL.634.911

MW-42D 677.5

PT-10 671.87

MW-39 657.72

MW-43 654.70

MW-40 653.1

MW-60 657.57

MW-59 654.92

PT-11 651.68

PT-18 649.28

MW-44 645.80

MW-45 647.43

MW-46 644.86

MW-49D 644.63

MW-50D 643.68

PT-12 644.27

PT-19 638.99

MW-48 643.55

PT-21 639.26

PT-22 639.64

PT-20 640.39

MW-32 634.66

MW-33 631.51

PT-15 630.06

PT-17 633.78

MW-30 633.42

MW-31 630.84

PT-25 630.55

MW-54D 631.25

MW-53 631.13

MW-55D 631.03

MW-29 630.35

MW-27 632.74

MW-28 631.45

PT-23 635.43

PT-24 631.33

MW-38D 633.81

PT-16 634.31

MW-37 629.49

MW-34 627.56 (625 FEET)

MW-36 628.79

MW-35D 628.8

MW-57D 627.62

MW-56 627.50

MW-58D 626.49

PT-26 607.92 (1315 FEET)

WELLS (1250 FEET)

MW-51D 624.54

MW-47 624.46

MW-52D 622.69

655 650 645 640 635 630

LEGEND:

- BURNING PAD DESIGNATION
- PAD OR GRID BORING
- GROUND CONTOUR AND ELEVATION
- W-1 WETLAND & DESIGNATION
- UTILITY POLE
- TREE
- BRUSH
- MW-34 628.2 MONITORING WELL & DESIGNATION AND MSL ELEVATION DATUM
- 645 GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) MSL DATUM
- ARROW INDICATES PREDOMINANT GROUNDWATER FLOW DIRECTION

125 0 125 250

1" = 250'

PARSONS

PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE

SENECA ARMY DEPOT ACTIVITY
ASH LANDFILL
GROUNDWATER MONITORING PROGRAM

DEPT. ENVIRONMENTAL ENGINEERING | Dwg. No. 725980-01010

FIGURE 1
GROUNDWATER ELEVATION CONTOUR PLAN
JUNE 24, 1996

SCALE 1" = 250' | DATE OCTOBER 1996 | REV A

ACAD\SENECA\GRDWATER\ASHGW_JN1.DWG

APPENDIX A

FIELD DATA

Ash Landfill Second Quarter 1996 Groundwater Monitoring Program

1. Groundwater Sampling Field Notes

2. Chain-of-Custody Forms

1. Groundwater Sampling Field Data

GROUNDWATER ELEVATION REPORT

ENGINEERING-SCIENCE, INC. | CLIENT: USACOE | DATE: 6/20/96

JECT: Quarterly - 2nd quarter | PROJECT NO: 735098-01000

CATION: ASH | INSPECTOR: KS / F.O.

NITORING EQUIPMENT:

RUMENT	DECTECTOR	BGD	TIME	REMARKS

WATER LEVEL INDICATOR:

INSTRUMENT	CORRECTION FACTOR

COMMENTS: Raining

VELL	TIME	DEPTH TO WATER	DEPTH TO PRODUCT	CORRECTED WATER LEVEL	MEASURED POW	INSTALLED POW	PRODUCT SPEC. GRAV.	WELL STATUS / COMMENTS (Lock?, Well #?, Surface Disturbance?, Riser marked?, Condition of: riser, concrete, p
-41D	1025	8.16						
-42D	1035	5.54						
-10	1039	9.65						
-39	1045	1.87						
-43	1050	3.03						No lock ~ heaved ~ 3"
-44	1053	8.05						Heaved ~ 3" No lock
46	1056	5.75						
-49D	1058	5.81						
-50D	1100	6.20						
-45	1103	3.47						Heaved 3"
-48	1106	4.77						Heaved .7"
-12	1110	7.98						Heaved ~ 1" No lock
-21	1112	7.47						Pad heaved ~ 2" No lock
-23	1114	8.47						
-20	1117	6.89						

(ALL DEPTH MEASUREMENTS FROM MARKED LOCATION ON RISER) INSPECTOR: F.O. / K.S. PAGE: 1

SEE MASTER ACRONYM LIST FOR COMPLETE LISTING OF ABBREVIATIONS

GROUNDWATER ELEVATION REPORT

ENGINEERING-SCIENCE, INC. | CLIENT: USACOE | DATE: 6/20/96

JECT: Quarterly - 3rd quarter | PROJECT NO: 725098-01009

ATION: ASH | INSPECTOR: FO/KS

NITORING EQUIPMENT:

UMENT	DECTECTOR	BGD	TIME	REMARKS

WATER LEVEL INDICATOR:

INSTRUMENT	CORRECTION FACTOR

COMMENTS:

ELL	TIME	DEPTH TO WATER	DEPTH TO PRODUCT	CORRECTED WATER LEVEL	MEASURED POW	INSTALLED POW	PRODUCT SPEC. GRAV.	WELL STATUS / COMMENTS (Lock?, Well #?, Surface Disturbance?, Riser marked?, Condition of: riser, concrete, p
19	1122	6.37						
40	1126	6.70						PAD Heaved 3"
18	1129	7.46						
59	1134	1.91						
60	1137	2.58						
11	1131	6.54						No lock
37	1140	3.40						PAD Heaved 1"
16	1142	3.20						
38D	1144	4.09						Heaved ~4" also cracked
23	1146	6.15						
27	1148	6.58						
38	1150	5.76						
53	1152	8.28						
54D	1153	8.08						
55D	1154	7.91						

(ALL DEPTH MEASUREMENTS FROM MARKED LOCATION ON RISER) INSPECTOR: F.O./K.S PAGE: 2

SEE MASTER ACRONYM LIST FOR COMPLETE LISTING OF ABBREVIATIONS

GROUNDWATER ELEVATION REPORT

ENGINEERING-SCIENCE, INC. | CLIENT: USACOE | DATE: 6/20/96

JECT: Quarterly - 2nd quarter | PROJECT NO: 725048-010

ATION: ASH | INSPECTOR: F.O. K.S

NITORING EQUIPMENT:

UMENT	DECTECTOR	BGD	TIME	REMARKS

WATER LEVEL INDICATOR:

INSTRUMENT	CORRECTION FACTOR

COMMENTS:

ELL	TIME	DEPTH TO WATER	DEPTH TO PRODUCT	CORRECTED WATER LEVEL	MEASURED POW	INSTALLED POW	PRODUCT SPEC. GRAV.	WELL STATUS / COMMENTS (Lock?, Well #?, Surface Disturbance?, Riser marked?, Condition of: riser, concrete, p
-29	1155	6.96						
-24	1158	5.07						
34	1203	5.33						
-15	1205	7.70						
-33	1207	8.05						
-32	1209	7.02						
-25	1211	6.54						
-31	1212	5.86						
-30	1214	6.90						
-17	1216	6.36						
26	1317	6.72						
-36	1321	3.00						
-35	1323	3.50						PAD - cracked - poor condition
57D	1328	2.20						PAD cracked
58D	1330	2.09						NO PAD

(ALL DEPTH MEASUREMENTS FROM MARKED LOCATION ON RISER)

INSPECTOR: FO/KS

SEE MASTER ACRONYM LIST FOR COMPLETE LISTING OF ABBREVIATIONS

GROUNDWATER ELEVATION REPORT

ENGINEERING–SCIENCE, INC. | CLIENT: USACOE | DATE: 6/20/96

ECT: Quarterly - 2nd quarter | PROJECT NO: 225095-0#009

TION: ASH | INSPECTOR: FO/KS

TORING EQUIPMENT:

MENT	DECTECTOR	BGD	TIME	REMARKS

WATER LEVEL INDICATOR:

INSTRUMENT	CORRECTION FACTOR

COMMENTS:

L	TIME	DEPTH TO WATER	DEPTH TO PRODUCT	CORRECTED WATER LEVEL	MEASURED POW	INSTALLED POW	PRODUCT SPEC. GRAV.	WELL STATUS / COMMENTS (Lock?, Well #?, Surface Disturbance?, Riser marked?, Condition of: riser, concrete, pro
56	1331	3.01						
51D	1340	3.70						
52D	1341	3.66						
47	1342	3.60						

(ALL DEPTH MEASUREMENTS FROM MARKED LOCATION ON RISER) INSPECTOR: FO/KS PAGE: 4

-Oct-93 SEE MASTER ACRONYM LIST FOR COMPLETE LISTING OF ABBREVIATIONS

(10)

Friday 6/21/96 ASH-MW-59

Weather - Cloudy, temps 65°-75° F Ground is saturated

0730 F.O. + K.S. arrive on-site

0730-0830 K.S. calibrate instruments

0730-0930 F.O. gathers equipment to purge + sample wells. (K.S. Assists)

0930 Mob to Ash Landfill

Begin at MW-59 Well Diameter 2"

Pt. of well - 9.99

Depth to water - 2.0'

1 well volume = .163 x 7.99 = 1.3 gallon

feet of Standing water 7.99

Pump Intake at 7.5' T.O.R of riser

1000-1030 Problems w/ tubing

Time	Pump Rate	Cumulative Volume	Temp	Spec. Cond (mS/cm)	PH	EH	DO (mg/l)	water level
1031		Initial	22.73*	1.10	6.62	390	1.91	—
	480 ml/min							
1036	480 ml/min	0.3 gal	21.1*	1.18	6.58	359	0.89	2.9
1039	480 ml/min	0.5 gal	19.97*	1.23	6.55	351	0.48	2.9
1042	480 ml/min	0.65 gal	20.0*	1.23	6.54	344	0.34	2.9
1047	"	0.9	19.8*	1.23	6.54	339	0.23	2.9
1053	"	1.3	15.41	1.43	6.52	334	0.26	2.9
1056	"	1.45	15.32	1.43	6.52	332	.24	2.9
1059	480 ml/min	1.6	15.24	1.43	6.52	331	.23	2.9

* Temp probe was not in water

[signature] 6/21/96

PH ± .1 Cond 3% EH-10 mv DO 10% (11)

~~Time~~ | Pump Rate | Cumulative

Samp. ID AL011

1100 Sampled MW-59 water is clear No odor - Collected 3 - 40ml Voas (524.2) + HCL

1110-1120 Mob to MW-60

Pt. of Well - 10.29

Depth of Water - 2.38'

feet of Standing Water - 7.91'

1 well volume - .163 x 7.91 = 1.3

Pump Intake at 7.5' From T.O.R

Time	Pump Rate	Cumm Vol.	Temp	Spec Cond	PH	EH	DO	Water Level
1128	280 ml/min	Initial	20.0	0.66	6.87	323	2.01	3.3
1131	310 ml/min	.15	18.2	0.71	6.75	322	1.47	3.5
1135	160 ml/min	.3	18.1	0.731	6.73	320	0.96	3.4
1138	160 ml/min	.5	17.8	.752	6.71	313	0.48	3.3
1141	160 ml/min	.65	17.10	.760	6.7	301	.41	3.3
1144	160 ml/min	.70	17.00	.763	6.7	295	.24	3.3
1147	160 ml/min	.75	17.00	.765	6.7	293	.24	3.28
1151	160 ml/min	.90	17.15	.768	6.7	290	.20	3.28
1155	160 ml/min	1.1	17.15	.767	6.7	288	.20	3.28
1159	160 ml/min	1.25	17.15	.768	6.7	287	.25	3.28
1202	160 ml/min	1.35	17.14	.766	6.7	286	.18	3.28
1205	160 ml/min	1.5	17.10	.768	6.70	286	.17	3.28
1208	160 ml/min	1.65	17.13	.769	6.70	285	.17	3.28

[signatures] 6/21/96

1210 Sampled MW-60 Sample I.D AL012
Sample is clear, no odor. Collected 3 - 40 ml voas (524.2) + HCL

1220 Mob + set up at ~~data~~ PT-11
Pt. of well - 19.52
Depth to water - 6.1
Ft. of water 13.42
1 well volume = (.163)(13.42) = 2.19
Pump Intake - 15' from T.O.R.

1250 Placed pump in well.

Time	Pump rate	cum vol	Temp	Spec Cond	PH	EH	D.O.	Water Level
1437	80 ml/min	0.9 gal	17.2	.948	6.95	310	5.67	10.1
1441	90 ml/min	1.0	17.5	.940	6.97	310	5.70	10.0
1456	85 ml/min	1.30	17.22	.913	7.03	314	6.43	
1521	85 ml/min							

1300-1400 lunch Will pump well down to Top of Screen
1423 Depth to water 5.5' - Starte flow rate - 800 ml/min
1428 Depth to water 9.1
1507 Air temp (80° F) and low flow is effecting flow cell water temp. There is a loss of vacuum in the air line - stop pumping
1517 Start pump again - rate retarded. Empty cell

[signature] 1/25/95

Time	Rate ml/min	Vol	Temp	Spec cond	pH	Eh	DO	Water level
1525	100	1.6	14.71	.918	6.98	324	6.58	11.0
1530	80 ml	1.75	14.87	.932	6.98	326	6.80	10.8
1535	~80 ml	1.82	17.34	.939	7.01	326	6.73	11.0
1538	~80 ml	1.95	18.12	.935	7.03	326	6.65	11.0

1545 Sampled PT-11 - SAMP I.D AL001, clear - no odor collected 3, 40 ml voas (524.2) + HCL
1600 - 1710 Decon + pack samples for shipment to lab
1710 - 1830 Delivered samples to Fed ex
Trip blank ~~for~~ from today will be shipped w/ tomorrows samples.

[signature] 1/25/96

Saturday 6/22/96 (MW-27)

Weather: Cloudy temps 60°-70°F

0740 KS + FO arrive on site

0740 - 0830 Calibrate instruments and gather equipment

0830 Mob + set up on MW-27

Temp blank from yesterday will be placed w/ todays samples + shipped w/ todays samples.

Pt. of well 10.34

Depth to water - 5.68

Ft. of Water - 4.66

1 well volume - 0.76 + (.2 for flow cell) = .95 gal

Pump intake - 8.0'

Time	Pump Rate	Cum Vol	Temp (°C)	Spec Cond (ms/cm)	PH	EH (mV)	DO (mg/l)	Water Level
0900	80 ml/min	initial	11.17	.687	6.94	324	5.20	water near intake - can't measure
0906	70 ml/min	.15	16.4	.687	6.93	321	5.11	"
0912	70 ml/min	.45	15.9	.684	6.92	323	7.64	"
0918	pump shut off - well went dry							8'

total volume removed 0.4 gallons

Demob + mob to MW-36, where [illegible] will be collected.

0930 Poured [illegible] (MRD + Aquatec) ALO17

F[illegible] 6/22/96

(MW-36, MW-56)

1000 Arrive at MW-36

Pt. of 16.58'

Depth to water 3.4'

Ft of Water - 13.18'

1 well volume = 2.1 gallons

Pump intake - 11

Time	Pump Rate	Cumm Vol	Spec Cond	Temp	DO	PH	EH	Water level
1029	340 ml/min	.4	.761	12.9	0.37	6.88	316	3.65'
1037	340 ml/min	.85	.763	12.2	0.32	6.87	307	3.70'
1044	240 ml/min	1.3	.767	12.8	0.34	6.89	303	3.55
1049	240 ml/min	1.75	.767	12.5	0.30	6.89	300	3.55'
1053	240 ml/min	2.25	.770	12.4	0.29	6.89	297	~~3.65~~ 3.55
1057	240 ml/min	2.65	.772	12.4	0.29	6.9	296	3.6
1003	240 ml/min	3.1	.772	12.3	0.30	6.9	295	3.6

1045 K.S collects ban sample [illegible]-5 ALO15

Sample is clean no odor 3-VOCs + HCL

1115 Sampled MW-36 (ALOO5) collected ~~[illegible]~~ Dup. (ALO16)

1130 Mob + set up on MW-56 ALO18

Pt of well - 6.88

water level = 3.24

1 well vol = 0.59 gals.

pump intake - 5.8'

F[illegible] 6/22/96

MW 56 MW

Time	Pump Rate	Cumm Vol	Temp	Spec Cond	PH	EH	DO	Water Level
1146	200ml/min	.4	16.4	.670	6.81	270	0.59	3.4
1149	200 ml/MIN	.5	15.8	.679	6.8	260	0.30	3.4
1152	200 ml/MIN	.6	15.3	.679	6.8	262	0.25	3.4
1155	200 ml/min	.7	15.2	.678	6.8	263	0.20	3.4
1158	200 ml/min	.8	15.1	.678	6.8	269	0.20	3.4
1201	200ml/min	.9	15.1	.678	6.8	272	0.20	3.4

1205 Sampled MW-56 ALO10
Sample is clean No odor 3 VOAs + HCL
1215-1315 Struck in field
1315 FH-D (ALO14) — kitchen ~~spickett~~ spiggot
3-VOA - HCL
Sampled is clean - bubbly with effervesence and rotton egg odor
1330 FH-S ALO13 outside ~~spickett~~ spiggot
Sample is clean no odor
Aquater trip blank ALO18
MRD trip blank ALO18
1330-1515 Pack + label samples
1515 offsite to transport
Samples to Fed ex in Ithica.
Fed EX at 1600

Fumm O'Mmm 6/22/96

MW 27

Sunday 6/23/96
Weather: Sunny temps 65°-70° F
0745 Arrive on site
0745-0830 Calibrate instruments, ... pumps + gather + load equipment
0900 Arrive at MW-27

Time	Pump Rate	Cumm Vol	Temp	Spec Cond	PH	EH	DO	Water Level
0918	120ml/min	.25	15.5	.709	6.96	324	5.92	5.7
0925	40ml/min	.3	15.8	.715	6.96	312	5.97	below pump
0932	40ml/min	.4	17.0	.724	6.99	307	6.32	

Well determined to be stabilized (See yesterday measurements of well on page 14.)
Well went dry (to pump intake - 7.9') after ...
0940 Sampled MW-27 (AL003)
Sample is clean no odor - 3 VOAs + HCL

0950 mob + set up on MW-30 (AL004)
Pt of well 10.52'
Depth to water - 6.09'
1 well vol. -0.72 gals
Pump intake - 8.5'

Fumm O'Mmm 6/23/96

MW-30, PT-19

Time	Pump Rate	Cumm Vol	Temp	Spec Cond	DO	PH	EH	Water Level
1006	280	.3	15.5	0.552	3.94	6.92	300	6.14'
1009	280	.4	15.6	0.535	4.09	6.90	302	6.14'
1012	260	.5	15.0	.522	4.11	6.90	302	6.14'
1015	260	.6	14.8	.522	4.05	6.91	303	6.14
1018	260	.75	14.7	.522	3.90	6.96	303	6.14
1021	260	.9	14.7	.522	3.87	6.91	304	6.14

1025 collected/Sampled MW-30 (AL004) MS/MSD
Sample is clean, no odor collected 7 - 40ml Voas + HCL

1035 Mob to PT-19 (AL002)
Pt of well - 11.37'
Depth to water 5.9'
1 well Vol. - .89
Pump intake - 8.4'

Time	Pump Rate	Cumm Vol	Temp	Spec Cond	DO	PH	EH	Water Level
1055	320ml/min	.3	15.4	.634	0.38	6.88	199	6.2
1058	320ml/min	.5	14.5	.679	0.21	6.81	164	6.2
1101	300ml/min	.7	13.9	.788	0.23	6.7	125	6.2
1104	300ml/min	.9	13.8	.824	0.15	6.67	116	6.2
1107	300ml/min	1.1	13.9	.825	0.19	6.66	115	6.2
1110	300ml/min	1.3	13.7	.826	0.19	6.66	114	6.2
1113	300ml/min	1.5	13.6	.828	0.20	6.65	115	6.2

Fmmd Omm 6/23/96

MW-40

1120 Sampled PT-19 (AL002)
Clean, no odor 3-VOAs HCL

1130 Mob to MW-40
Pt of well - 14.71'
Depth to water 4.96'
1 Vol = 1.59 gals
Pump intake 8.7'

1140 Begin purging

Time	Pump Rate	Cumm Vol	Temp	Spec Cond	D.O.	PH	EH	Water Level
1150	80ml/min	0.35	16.57	.570	1.38	7.13	253	5.5'
1201	60ml/min	0.6	16.56	.565	1.30	7.12	258	5.64'
1214	60ml/min	0.75	15.9	.566	1.37	7.11	260	5.74'
1227	50ml/min	9.0	16.0	.561	1.4	7.11	263	5.76'
1238	50ml/min	1.2	15.8	.567	1.3	7.11	266	5.71

1240 Sampled MW-40 (AL006)
Clean no odor | 3 VOAS w/ HCL

1250 Mob to MW-48
Depth to h_2o 3.28
Pt. of well - 11.5
1 Vol = 1.35
Pump intake - 9.5'
1305 Begin Purging

Fmmd Omm 6/23/96

PH ±.1 EH - 10 MW-48 MW-45
Spec Cond - 3% DO 10%

Time	Pumprate	Cumm Vol	Spec Cond	Temp	D.O.	PH	EH	Water Level
1310	380 ml/min	0.5	.623	14.8	0.29	6.87	267	3.43
1313	380 ml/min	0.75	.628	13.8	0.22	6.85	268	3.43
1316	380 ml/min	1.1	.628	13.7	0.18	6.85	268	3.43
1319	380 ml/min	1.4	.627	13.8	0.15	6.86	267	3.43
1322	380 ml/min	1.7	.627	13.7	0.15	6.86	265	3.43
1325	380 ml/min	1.95	.628	13.7	0.15	6.87	265	3.43

1300 Sampled MW-48 (AL009)
Clear, no odor, 3-VOAs + HCL

1335 Mob to MW-45 (AL007)
Pt. of Well - 8.34
Depth to Water - 2.89'
1 Vol. = 0.89
Pump intake - 6.0'

1400 Begin purging

Time	Pumprate	Cumm Vol	Spec Cond	Temp	D.O.	PH	EH	Water Level
1400	180 ml/min	.3	.525	18.6	1.63	6.94	268	3.50
1407	160	.45	.629	17.9	0.77	6.87	269	3.53
1410	160	.65	.635	17.5	0.34	6.86	252	3.53
1417	160	.89	.636	16.8	0.34	6.85	237	3.54
1422	160	1.1	.636	16.6	0.26	6.86	239	3.54
1427	160	1.4	.633	16.7	0.29	6.86	242	3.54
1430	160	1.6	.633	16.7	0.18	6.86	242	3.54
1434	160	1.8	.633	16.6	0.18	6.80	243	3.54

Farrell O'Mara 6/23/96

MW-4?

1435 Sampled MW-45 (AL007)
clear, No odor 3 VOA's w/ HCL

1440 Mob to MW-47 (AL008)

Pt. of Well - 8.56'
Water - 3.07'
1 Vol = 0.89 gals
Pump Intake - 4'
Begin 1542

Time	Pump Rate	Cumm Vol	Spec Cond	Temp	D.O.	PH	EH
1545	260 ml/min	.25	.598	18.9	1.39	6.90	279
1548	260 ml/min	.45	.637	17.0	0.77	6.90	288
1552	300 ml/min	.7	.658	15.9	0.4	6.75	294
1555	300 ml/min	.85	.658	15.6	0.3	6.74	298
1558	300 ml/min	1.1	.658	15.3	0.25	6.74	301
1602	300 ml/min	1.3	.657	15.1	.19	6.75	303
1606	300 ml/min	1.6	.657	15.0	.19	6.75	304
1610	300 ml/min	1.8	.656	15.0	.18	6.75	305

1615 Sampled MW-47 (AL008)
Slightly cloudy no odor 3 VOAs

1700 F.O. + K.S off site

Farrell O'Mara 6/23/96

Monday 6/24/96 mw-45-4

Weather: Partly sunny temps 60°-70° F

0730 F.O. + K.S. on site

0745-1220 F.O. - water level measurements at OB/OD

0745-1215 K.S - packs samples + calibrates instruments and decons

1220-1310 load up and call office - discrepancy on what samples to collect (indicator parameters)

1310-1400 Model set up on mw 45-3 + mw 45-2

1405 Begin Purging MW-45-3

Time	Pump rate	cumm vol	spec cond	Temp	PH	EH	D.O.	water level
1415	80 ml/min	.35	1.48	15.2	6.69	335	4.60	—

1420 well went dry after purging 1 volume.
Recovery rate ≥150

1440 Depth to water 11.67

1500 Mob to mw 45-4. (metals + CN + replicas OB029 replicas are 30, 31, 32)
Pt. of Well - 9.75'
Depth to water - 7.64'
1 well volume - .34 gal/1 vol
Pump rate - 8.75'

1500 Begin Purging

Frank Ohmer 6/24/96

Time	Pump rate	cumm vol.	Temp	spec cond	PH	D.O	EH	Water Level	NTU
1514	200 ml/min	.3	18.3	.839	6.89	.9	302	Below Pump	
1516	120 ml/min	.4	18.0	.839	6.89	.55	298		
1519	140 ml/min	.45	16.8	.830	6.87	.45	297		
1522	140 ml/min	.55	16.7	.829	6.87	.38	298		
1525	140 ml/min	.65	16.0	.824	6.88	.33	295		
1528	140 ml/min	.75	15.9	.808	6.88	.32	294		4.8
1531	140 ml/min	.85	15.6	.808	6.88	.31	294		—
1534	140 ml/min	.95	15.4	.806	6.89	.30	294		—
1537	140 ml/min	1.05	15.4	.806	6.89	.29	294		—

1545 Sampled mw-45-4 (OB029 for indicator parameters, metals + CN) OB030 - OB032 for replicas of TOX, PH, TOC + COND

NTU Before sampling 1.17 NTU

1553 Metals Sample = 0.67 NTU

1615 Complete Sampling

1630 - 1505 Complete water levels at mw-22, mw-7, mw-6, mw-41, mw 34, mw-35

1740 F.O. + K.S off-site

6/24/96

(22)

Tuesday 6/25/96 MW 43-3

Weather :

0745 F.O. + K.S. on-site

0950 K.S calibrates instruments + Calls M. Duchesneau

0950 F.O. loads van w/ equipment + decons Packs samples

0950-1010 Drop off samples at Bldg 323

1010 - 1 Mob + set up to purge MW-43-3

Pt. of well - 14.09

Depth to water - 7.86'

1 Vol. of Water - 1.0 gals /vol

Pump intake - 9.86'

Pump placed in well on 6/24/96

1040 Begin purging

Time	pump rate	Cum Vol	Temp	Spec Cond	D.O.	PH	EH	Water Level	Turbidity
1050	60/100	.20	14.74	1.235	4.08	6.91	293	Below Top	1.59
1055	115	.35	14.56	1.235	4.25	6.93	290	"	0.66
1100	100	.45	14.54	1.265	4.37	6.91	290		
1110	120	.60	14.36	1.306	3.98	6.91	286		
1115	120	.80	14.14	1.321	3.81	6.90	286		
1118	140	.95	13.91		Pump	ing Stopped		No water at intake	

1127 Allow to recover - well recovering at less than minimum pump rate (60 ml/min)

Fernando Ochoa 6/25/96

(23)

MW-13

1130 Mob to MW-13

Pt. of well - 10.14

Depth to Water - 2.78

1 Vol. of Water - 1.2 gals

Pump intake - 6.5'

1153 Begin purging

Time	Pump rate	Cum Vol	Temp	Spec Cond	D.O.	PH	EH	Water Level	Turbidity
1158	400	.8	15.46	.928	.30	6.72	289	3.22	~~8.02~~
1203	400	1.0	14.84	.929	.20	6.71	285	3.22	6.09
1206	400/300	1.3	14.64	.929	.16	6.72	284	3.22	4.50
1209	300/400	1.6	14.64	.929	.17	6.72	283	3.22	3.20
1212	400	2.0	14.59	.928	0.15	6.72	283	3.22	2.57

1220 Sample MW-13 ID # QB005, 6, 7, + 8

Clear - no odor

NTU - 2.07 Below metals

1250 Mob to MW-27

Pt. of well - 15.46'

Depth to Water - 4.18'

1 Volume of Water - 1.8 gals

Pump Intake - 6.5'

1305 Begin purging

Fernando Ochoa 6/25/96

MW-27

Time	cumm Vol	Pump rate	Temp	Spec. cond.	D.O.	PH	EH	Turbidity	Water Level
1314	.75	340	13.81	.840	0.24	6.97	254	0.94	4.65
1317	1.15	340	13.12	.846	0.24	6.98	252		4.65
1320	1.35	340	13.10	.851	0.21	6.99	252	0.73	4.65
1323	1.65	340	13.10	.849	0.22	6.99	251		4.65
1326	1.90	340	12.91	.848	0.19	7.00	251	0.57	4.65

Sample @ 1330 ID# 08013, 14, 15, + 16

Turbidity Metals Sample - 0.64 NTU

Sample was clear, no odor.

1410 Mob to MW-12 (after decon)

Pt. of well 9.11'

Depth to water 7.83' Start Pump 1418 Hrs

1 well volume - 1.0 gals

Pump intake placed at 6.5' below T.O.R.

Time	Pump rate	Cumm Vol.	Temp	spec cond	D.O.	PH	EH	Turbidity	water Level
1422	500	.65	15.24	.861	0.43	7.01	242	37.7	3.10
1425	500	1.0	14.77	.861	0.36	7.01	241	28.4	3.10
1428	500	1.40	14.64	.861	0.31	7.02	240	24.0	3.16
1434	500-350	1.90	14.87	0.863	0.28	7.03	239	17.9	3.05
1437	300	2.2	14.87	0.864	0.29	7.02	238	15.2	3.05
1440	300	2.45	14.84	.863	0.28	7.02	237	13.2	3.05
1443	300	2.70	14.79	.864	0.30	7.03	237	10.0	3.05

Sample @ 1445 ID# 08001, 02, 03, + 04

Metals Turbidity - 6.35 NTU's

Clear No odor

Finished down 6/25/98

MW-45-3 MW-14

1530 MW 45-4 10.1

1520 - 1548 Mob + set up on MW 45-3

depth to water - 10.1 will attempt to set pump at bottom of well + see if well maintains a low flow.

1550 Begin purging

Depth to water 9.91

Time	Pump rate	cumm Vol	spec cond	D.O.	PH	EH.	Turbidity	Temp	water Level
1556	40ml/min	.15	1.29	2.79	6.90	244		18.9	10.1
1602	90ml/min	.3	1.29	1.9	6.84	250		16.0	
1605	90	.35 .45	1.299	2.50	6.84	253		15.34	10.42
1608	90	.60 .70	1.302	3.34	6.84	254	7.95	15.01	
1614	80	.50	1.314	3.57	6.86	256		1524	10.67
1618	40	.55	1.318	3.63	6.88	257		16.17	10.67
1623	40	.60	1.334	3.60	6.85	257		16.86	

Temp rising due to slow flow in cell

Sample @ 1630 Clear, no odor

1713 - Metals Sample Turbidity = 5.30 NTU

542 - Setup @ MW-14

Static 4.27 column 6.25'

Pow 10.52 1 gallon/volume

1754 Start Pump

Time	Rate ml/min	Vol	Temp	Spec Cond	DO	pH	Eh	Turb	Water Level
1800	245 ml/min	.35	16.58	1.070	0.82	6.78	241		4.77
1803	245	.50	15.89	1.070	0.77	6.77	244	18.3	4.80
1806	245	.65	15.56	1.070	0.69	6.77	245		4.80
1809	245	.80	15.37	1.069	0.66	6.77	247	8.28	4.88
1814	245	1.1	15.11	1.067	0.62	6.77	248	8.00	4.90

MW-14

- 1830 Sampled MW-14 MS/MSD location also DUP + MRD Samples collected
Turbidity - NTU - 2.05 - measured during collection of metals.
1900 Complete sampling MW-14
2000 offsite

6/25/96

27

Wednesday 6/26/96
Weather: Sunny, temps 55° - 70°F
0730 F.D. & K.S. on site
0730 - 0830 Put up snow fence along drums at Sead-25 per Tom Enroth's request
0830 Started PPE drum
0830 - Pack samples and ship from Bldg 373
1230 off-site (H.S packs pumps + Sented equipment)

6/26/96

2. Chain-of-Custody Forms

CHAIN-OF-CUSTODY RECORD

SONS
RING-SCIENCE, INC.
Phone: 617-859-2000
Fax: 617-859-2043

JOB NO. 725980-01010
PROJECT Sunca Quarterly Monitoring - June '96
CONTACT H. Dickerson

LABORATORY Aquatec
ADDRESS Colchester, VT
CONTACT Polly Malik

NO.	LABORATORY SAMPLE NO.	SAMPLING DATE	SAMPLING TIME	SAMPLE DEPTH	SAMPLE MATRIX	VOA	SVOC	METALS	PEST/PCB	CN	HERB	TPH				NO. OF CONTAINERS	COMMENTS (Special Instructions, ca…
		6/21/96	1505		water	3										3	Method 524.…
		6/21/96	1210		↓	3										3	Method 524.…
		6/21/96	1110		↓	3										3	Method 524.…

ANALYSES - *Bottles included

	VOA
VOA Vial	X
Glass Bottle	
Plastic Bottle	
Preservative	HCL 4°C
Container Volume	40 mL

Relinquished by
…y Smith
…s Engineering
…/96 Time 1730

Received by
Sign
Print
Firm
Date Time

…by
Time

Received by
Sign
Print
Firm
Date Time

…amples tampered with? ☐ No ☐ Yes
…ain in remarks.

PRESERVATION KEY:
A - Ice
B - Filtered
C - Acidified with HCl
D - Acidified with HNO_3
E - Acidified with H_2SO_4
F - NaOH + Ascorbic
G - Other

REMARKS: (Sample… nonstandard sample…
No trip [illegible]

Cooler #:

…C1 White - return with data Yellow - lab copy Pink - Sampler copy

CHAIN-OF-CUSTODY RECORD

...SONS
...ING-SCIENCE, INC.
Phone: 617-859-2000
...99 Fax: 617-859-2043

JOB NO. 725980-01010
PROJECT Seneca Quarterly Monitoring - ASH
CONTACT M. Duchesneau

LABORATORY Aquatec
ADDRESS Colchester VT
CONTACT Polly Malik

...NO.	LABORATORY SAMPLE NO.	SAMPLING DATE	SAMPLING TIME	SAMPLE DEPTH	SAMPLE MATRIX	VOA	SVOC	METALS	PEST/PCB	CN	HERB	TPH				NO. OF CONTAINERS	COMMENT... (Special instructions, ca...)
4		6/22/96	1315		water	3										3	
3		↓	1330			3										3	
0			1205			3										3	
~~3~~ KKS			~~1005~~			~~3~~ 4*										~~3~~ 4*	~~Matrix Spike~~
6			1115 ~~1045~~ KKS			~~3~~ 2*										~~3~~ 2*	
5			1045			3										3	
7		↓	0930			3										3	Field Blank
8		6/14/96	0945			2										2	Trip Blank

KKS

Relinquished by ... Smith ... ES ... Date .../96 Time 1500

Received by
Sign
Print
Firm
Date Time

Received by
Sign
Print
Firm
Date Time

	VOA
VOA Vial	X
Glass Bottle	
Plastic Bottle	
Preservative	A C
Container Volume	40 ml

PRESERVATION KEY: A - Ice; B - Filtered; C - Acidified with HCl; D - Acidified with HNO_3; E - Acidified with H_2SO_4; F - NaOH + Ascorbic; G - Other

REMARKS: (Sampl... nonstandard sample...)
VOC 524...
* per Aquatec...

Cooler #:

...amples tampered with? ☐ No ☐ Yes
...ain in remarks.

...C1 White - return with data Yellow - lab copy Pink - Sampler copy

ISONS
RING-SCIENCE, INC.
er Phone: 617-859-2000
199 Fax: 617-859-2043

CHAIN-OF-CUSTODY RECORD

PAGE 1 OF 1

JOB NO. 725[illegible]0-01010
PROJECT SEAD Quarterly Monitoring ASH
CONTACT M. Duchesneau

LABORATORY Aquatec
ADDRESS Colchester, VT
CONTACT Pall, Malik

NO.	LABORATORY SAMPLE NO.	SAMPLING DATE	SAMPLING TIME	SAMPLE DEPTH	SAMPLE MATRIX	VOA 524.2	SVOC	METALS	PEST/PCB	CN	HERB	TPH			NO. OF CONTAINERS	COMMENT (Special instructions, c…)
6		6/23/96	1240		water	3									3	
19		6/14/96	0945		water	2									2	Trip Blank
4		6/23/96	1025		water	7									7	Matrix Spik…
3		6/23/96	0940		water	3									3	
2		6/23/96	1120		water	3									3	
89		6/23/96	1330		water	3									3	
07		6/23/96	1435		water	3									3	
8		6/23/96	1615		water	3									3	

	VOA 524.2
VOA Vial	x
Glass Bottle	
Plastic Bottle	
Preservative	A C
Container Volume	40 ml

Relinquished by
…rry Smith
…sons ES
…/24/96 Time 1200

Received by
Sign
Print
Firm
Date Time

…by
Time

Received by
Sign
Print
Firm
Date Time

…amples tampered with? ☐ No ☐ Yes
…ain in remarks.

PRESERVATION KEY:
A - Ice
B - Filtered
C - Acidified with HCl
D - Acidified with HNO_3
E - Acidified with H_2SO_4
F - NaOH + Ascorbic
G - Other

REMARKS: (Sampl… nonstandard sampl…)
VOC 524.2

Cooler #:

…OC1 White - return with data Yellow - lab copy Pink - Sampler copy

APPENDIX B

Laboratory Analytical Packages with QA/QC Data

1. Sample Delivery Group No. 59240

A. Volatile Organics Analysis Results

SAMPLE DATA SUMMARY PACKAGE

LAB CODE: INCHVT

CONTRACT NO.: 93206

CASE NO.: OBASH

SDG NO.: 59240

Inchcape Testing Services

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL001

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304788

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304788V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL001

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304788

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304788V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL001

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304788

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304788V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	75-45-6	METHANE, CHLORODIFLUORO-	2.27	45	NJ
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL012

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304789

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304789V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL012

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304789

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304789V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL012

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304789

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304789V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL011

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304790

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304790V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL011

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304790

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304790V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL011

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304790

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304790V

Level: (low/med) LOW Date Received: 06/22/96

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL014

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304875

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304875V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL014

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304875

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304875V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL014

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304875

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304875V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL013

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304876

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304876V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL013

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304876

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304876V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL013

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304876

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304876V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL010

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304877

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304877V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	1	
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL010

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304877

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304877V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL010

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304877

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304877V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL005

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304878

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304878V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL005

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304878

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304878V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL005

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304878

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304878V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL016

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304879

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304879V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.3	J
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL016

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304879

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304879V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL016

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304879

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304879V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL015

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304880

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304880V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.4	J
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL015

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304880

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304880V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL015

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304880

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304880V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL017

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304881

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304881V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL017

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304881

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304881V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AL017

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304881

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304881V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL018

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304882

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304882V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	4	J
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
1634-04-4	Methyl-t-Butyl Ether	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

AL018

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304882

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304882V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
142-28-9	1,3-Dichloropropane	0.5	U
127-18-4	Tetrachloroethene	0.5	U
123-91-1	1,4-Dioxane	0.5	U
109-99-9	Tetrahydrofuran	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AL018

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304882

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304882V

Level: (low/med) LOW Date Received: 06/24/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL006

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304955

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304955V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL006

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304955

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304955V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL006

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304955

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304955V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL019

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304956

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304956V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL019

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304956

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304956V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL019

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304956

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304956V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL004

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304957

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304957V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	1	
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL004

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304957

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304957V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL004

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304957

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304957V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL003

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304958

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304958V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

AL003

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304958

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304958V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL003

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304958

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304958V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL002

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304959

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304959V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL002

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304959

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304959V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL002

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304959

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304959V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL009

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304960

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304950V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL009

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304960

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304950V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AL009

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304960

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304950V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL007

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304961

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304961V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL007

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304961

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304961V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AL007

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304961

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304961V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL008

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304962

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304962V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL008

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304962

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304962V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AL008

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304962

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304962V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKW1

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB001DV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW1

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB001DV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLKW1

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB001DV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW3

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB002EV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW3

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB002EV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLKW3

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB002EV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW7

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB001GV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
75-15-0	Carbon Disulfide	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
590-20-7	2,2-Dichloropropane	0.5	U
67-66-3	Chloroform	0.5	U
74-97-5	Bromochloromethane	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
563-58-6	1,1-Dichloropropene	0.5	U
56-23-5	Carbon Tetrachloride	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
71-43-2	Benzene	0.5	U
79-01-6	Trichloroethene	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
74-95-3	Dibromomethane	0.5	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
591-78-6	2-Hexanone	5	U
142-28-9	1,3-Dichloropropane	0.5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW7

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB001GV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
630-20-6	1,1,1,2-Tetrachloroethane	0.5	U
100-41-4	Ethylbenzene	0.5	U
1330-20-7	Xylene (total)	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	U
108-86-1	Bromobenzene	0.5	U
103-65-1	n-Propylbenzene	0.5	U
95-49-8	2-Chlorotoluene	0.5	U
108-67-8	1,3,5-Trimethylbenzene	0.5	U
106-43-4	4-Chlorotoluene	0.5	U
98-06-6	tert-Butylbenzene	0.5	U
95-63-6	1,2,4-Trimethylbenzene	0.5	U
135-98-8	sec-Butylbenzene	0.5	U
99-87-6	p-Isopropyltoluene	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
104-51-8	n-Butylbenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-68-3	Hexachlorobutadiene	0.5	U
91-20-3	Naphthalene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLKW7

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: VBLKW7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGPB001GV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL004MS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304957MS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304957MSV

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	10	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
75-69-4	Trichlorofluoromethane	10	
67-64-1	Acetone	28	
75-35-4	1,1-Dichloroethene	10	
156-60-5	trans-1,2-Dichloroethene	10	
75-15-0	Carbon Disulfide	9	
75-09-2	Methylene Chloride	10	
75-34-3	1,1-Dichloroethane	10	
156-59-2	cis-1,2-Dichloroethene	10	
78-93-3	2-Butanone	26	
590-20-7	2,2-Dichloropropane	9	
67-66-3	Chloroform	10	
74-97-5	Bromochloromethane	10	
71-55-6	1,1,1-Trichloroethane	10	
563-58-6	1,1-Dichloropropene	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	11	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	10	
74-95-3	Dibromomethane	11	
108-10-1	4-Methyl-2-Pentanone	28	
10061-01-5	cis-1,3-Dichloropropene	10	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	27	
142-28-9	1,3-Dichloropropane	10	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL004MS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304957MS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304957MSV

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	10	
124-48-1	Dibromochloromethane	9	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	10	
630-20-6	1,1,1,2-Tetrachloroethane	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (total)	29	
100-42-5	Styrene	9	
75-25-2	Bromoform	8	
98-82-8	Isopropylbenzene	9	
79-34-5	1,1,2,2-Tetrachloroethane	10	
96-18-4	1,2,3-Trichloropropane	10	
108-86-1	Bromobenzene	10	
103-65-1	n-Propylbenzene	9	
95-49-8	2-Chlorotoluene	10	
108-67-8	1,3,5-Trimethylbenzene	9	
106-43-4	4-Chlorotoluene	10	
98-06-6	tert-Butylbenzene	9	
95-63-6	1,2,4-Trimethylbenzene	9	
135-98-8	sec-Butylbenzene	9	
99-87-6	p-Isopropyltoluene	9	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
104-51-8	n-Butylbenzene	9	
95-50-1	1,2-Dichlorobenzene	10	
96-12-8	1,2-Dibromo-3-Chloropropane	10	
120-82-1	1,2,4-Trichlorobenzene	10	
87-68-3	Hexachlorobutadiene	9	
91-20-3	Naphthalene	10	
87-61-6	1,2,3-Trichlorobenzene	10	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL004MSD

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304957MD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304957MDV

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	10	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	9	
75-69-4	Trichlorofluoromethane	10	
67-64-1	Acetone	30	
75-35-4	1,1-Dichloroethene	10	
156-60-5	trans-1,2-Dichloroethene	10	
75-15-0	Carbon Disulfide	8	
75-09-2	Methylene Chloride	10	
75-34-3	1,1-Dichloroethane	10	
156-59-2	cis-1,2-Dichloroethene	10	
78-93-3	2-Butanone	28	
590-20-7	2,2-Dichloropropane	8	
67-66-3	Chloroform	10	
74-97-5	Bromochloromethane	10	
71-55-6	1,1,1-Trichloroethane	10	
563-58-6	1,1-Dichloropropene	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	11	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	10	
74-95-3	Dibromomethane	11	
108-10-1	4-Methyl-2-Pentanone	28	
10061-01-5	cis-1,3-Dichloropropene	10	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	11	
591-78-6	2-Hexanone	27	
142-28-9	1,3-Dichloropropane	10	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AL004MSD

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 304957MD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L304957MDV

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/02/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	10	
124-48-1	Dibromochloromethane	10	
106-93-4	1,2-Dibromoethane	11	
108-90-7	Chlorobenzene	10	
630-20-6	1,1,1,2-Tetrachloroethane	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (total)	29	
100-42-5	Styrene	8	
75-25-2	Bromoform	10	
98-82-8	Isopropylbenzene	9	
79-34-5	1,1,2,2-Tetrachloroethane	11	
96-18-4	1,2,3-Trichloropropane	11	
108-86-1	Bromobenzene	10	
103-65-1	n-Propylbenzene	9	
95-49-8	2-Chlorotoluene	10	
108-67-8	1,3,5-Trimethylbenzene	9	
106-43-4	4-Chlorotoluene	10	
98-06-6	tert-Butylbenzene	9	
95-63-6	1,2,4-Trimethylbenzene	9	
135-98-8	sec-Butylbenzene	10	
99-87-6	p-Isopropyltoluene	9	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
104-51-8	n-Butylbenzene	9	
95-50-1	1,2-Dichlorobenzene	10	
96-12-8	1,2-Dibromo-3-Chloropropane	11	
120-82-1	1,2,4-Trichlorobenzene	10	
87-68-3	Hexachlorobutadiene	9	
91-20-3	Naphthalene	10	
87-61-6	1,2,3-Trichlorobenzene	10	

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MBS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L305068V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	10	
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
75-69-4	Trichlorofluoromethane	10	
67-64-1	Acetone	21	
75-35-4	1,1-Dichloroethene	10	
156-60-5	trans-1,2-Dichloroethene	10	
75-15-0	Carbon Disulfide	10	
75-09-2	Methylene Chloride	10	
75-34-3	1,1-Dichloroethane	10	
156-59-2	cis-1,2-Dichloroethene	10	
78-93-3	2-Butanone	24	
590-20-7	2,2-Dichloropropane	10	
67-66-3	Chloroform	10	
74-97-5	Bromochloromethane	10	
71-55-6	1,1,1-Trichloroethane	10	
563-58-6	1,1-Dichloropropene	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	10	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	10	
74-95-3	Dibromomethane	10	
108-10-1	4-Methyl-2-Pentanone	25	
10061-01-5	cis-1,3-Dichloropropene	10	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	24	
142-28-9	1,3-Dichloropropane	10	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MBS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: L305068V

Level: (low/med) LOW Date Received: 06/25/96

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	10	
124-48-1	Dibromochloromethane	10	
106-93-4	1,2-Dibromoethane	10	
108-90-7	Chlorobenzene	10	
630-20-6	1,1,1,2-Tetrachloroethane	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (total)	31	
100-42-5	Styrene	10	
75-25-2	Bromoform	10	
98-82-8	Isopropylbenzene	10	
79-34-5	1,1,2,2-Tetrachloroethane	10	
96-18-4	1,2,3-Trichloropropane	10	
108-86-1	Bromobenzene	10	
103-65-1	n-Propylbenzene	10	
95-49-8	2-Chlorotoluene	10	
108-67-8	1,3,5-Trimethylbenzene	10	
106-43-4	4-Chlorotoluene	10	
98-06-6	tert-Butylbenzene	10	
95-63-6	1,2,4-Trimethylbenzene	10	
135-98-8	sec-Butylbenzene	10	
99-87-6	p-Isopropyltoluene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	
104-51-8	n-Butylbenzene	10	
95-50-1	1,2-Dichlorobenzene	10	
96-12-8	1,2-Dibromo-3-Chloropropane	10	
120-82-1	1,2,4-Trichlorobenzene	10	
87-68-3	Hexachlorobutadiene	10	
91-20-3	Naphthalene	10	
87-61-6	1,2,3-Trichlorobenzene	10	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0.5LGPDLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 0.5LGPDLCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP002DV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	
74-87-3	Chloromethane	0.5	
75-01-4	Vinyl Chloride	0.5	
74-83-9	Bromomethane	0.6	
75-00-3	Chloroethane	0.8	
75-69-4	Trichlorofluoromethane	0.5	
67-64-1	Acetone	2	J
75-35-4	1,1-Dichloroethene	0.5	
156-60-5	trans-1,2-Dichloroethene	0.5	
75-15-0	Carbon Disulfide	0.5	
75-09-2	Methylene Chloride	0.6	
75-34-3	1,1-Dichloroethane	0.5	
156-59-2	cis-1,2-Dichloroethene	0.5	
78-93-3	2-Butanone	1	J
590-20-7	2,2-Dichloropropane	0.6	
67-66-3	Chloroform	0.5	
74-97-5	Bromochloromethane	0.5	
71-55-6	1,1,1-Trichloroethane	0.5	
563-58-6	1,1-Dichloropropene	0.5	
56-23-5	Carbon Tetrachloride	0.5	
107-06-2	1,2-Dichloroethane	0.5	
71-43-2	Benzene	0.6	
79-01-6	Trichloroethene	0.5	
78-87-5	1,2-Dichloropropane	0.5	
75-27-4	Bromodichloromethane	0.5	
74-95-3	Dibromomethane	0.5	
108-10-1	4-Methyl-2-Pentanone	1	J
10061-01-5	cis-1,3-Dichloropropene	0.5	
108-88-3	Toluene	0.5	
10061-02-6	trans-1,3-Dichloropropene	0.5	
79-00-5	1,1,2-Trichloroethane	0.4	J
591-78-6	2-Hexanone	1	J
142-28-9	1,3-Dichloropropane	0.5	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0.5LGPDLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 0.5LGPDLCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP002DV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	
124-48-1	Dibromochloromethane	0.5	
106-93-4	1,2-Dibromoethane	0.5	
108-90-7	Chlorobenzene	0.5	
630-20-6	1,1,1,2-Tetrachloroethane	0.5	
100-41-4	Ethylbenzene	0.5	
1330-20-7	Xylene (total)	2	
100-42-5	Styrene	0.5	
75-25-2	Bromoform	0.4	J
98-82-8	Isopropylbenzene	0.5	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	
96-18-4	1,2,3-Trichloropropane	0.5	
108-86-1	Bromobenzene	0.5	
103-65-1	n-Propylbenzene	0.4	J
95-49-8	2-Chlorotoluene	0.5	
108-67-8	1,3,5-Trimethylbenzene	0.5	
106-43-4	4-Chlorotoluene	0.4	J
98-06-6	tert-Butylbenzene	0.5	
95-63-6	1,2,4-Trimethylbenzene	0.5	
135-98-8	sec-Butylbenzene	0.5	
99-87-6	p-Isopropyltoluene	0.5	
541-73-1	1,3-Dichlorobenzene	0.5	
106-46-7	1,4-Dichlorobenzene	0.5	
104-51-8	n-Butylbenzene	0.5	
95-50-1	1,2-Dichlorobenzene	0.5	
96-12-8	1,2-Dibromo-3-Chloropropane	0.4	J
120-82-1	1,2,4-Trichlorobenzene	0.5	
87-68-3	Hexachlorobutadiene	0.5	
91-20-3	Naphthalene	0.6	
87-61-6	1,2,3-Trichlorobenzene	0.6	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0.5LGPELCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 0.5LGPELCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP003EQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.4	J
74-87-3	Chloromethane	0.6	
75-01-4	Vinyl Chloride	0.5	
74-83-9	Bromomethane	0.6	
75-00-3	Chloroethane	0.7	
75-69-4	Trichlorofluoromethane	0.5	
67-64-1	Acetone	2	J
75-35-4	1,1-Dichloroethene	0.5	
156-60-5	trans-1,2-Dichloroethene	0.5	
75-15-0	Carbon Disulfide	0.5	
75-09-2	Methylene Chloride	0.6	
75-34-3	1,1-Dichloroethane	0.5	
156-59-2	cis-1,2-Dichloroethene	0.5	
78-93-3	2-Butanone	0.6	J
590-20-7	2,2-Dichloropropane	0.6	
67-66-3	Chloroform	0.5	
74-97-5	Bromochloromethane	0.5	
71-55-6	1,1,1-Trichloroethane	0.5	
563-58-6	1,1-Dichloropropene	0.5	
56-23-5	Carbon Tetrachloride	0.4	J
107-06-2	1,2-Dichloroethane	0.5	
71-43-2	Benzene	0.5	
79-01-6	Trichloroethene	0.5	
78-87-5	1,2-Dichloropropane	0.5	
75-27-4	Bromodichloromethane	0.5	
74-95-3	Dibromomethane	0.5	
108-10-1	4-Methyl-2-Pentanone	1	J
10061-01-5	cis-1,3-Dichloropropene	0.4	J
108-88-3	Toluene	0.5	
10061-02-6	trans-1,3-Dichloropropene	0.5	
79-00-5	1,1,2-Trichloroethane	0.5	
591-78-6	2-Hexanone	1	J
142-28-9	1,3-Dichloropropane	0.5	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0.5LGPELCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 0.5LGPELCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP003EQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	
124-48-1	Dibromochloromethane	0.5	
106-93-4	1,2-Dibromoethane	0.5	
108-90-7	Chlorobenzene	0.5	
630-20-6	1,1,1,2-Tetrachloroethane	0.4	J
100-41-4	Ethylbenzene	0.5	
1330-20-7	Xylene (total)	1	
100-42-5	Styrene	0.5	
75-25-2	Bromoform	0.4	J
98-82-8	Isopropylbenzene	0.5	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	
96-18-4	1,2,3-Trichloropropane	0.5	
108-86-1	Bromobenzene	0.4	J
103-65-1	n-Propylbenzene	0.4	J
95-49-8	2-Chlorotoluene	0.5	
108-67-8	1,3,5-Trimethylbenzene	0.5	
106-43-4	4-Chlorotoluene	0.4	J
98-06-6	tert-Butylbenzene	0.5	
95-63-6	1,2,4-Trimethylbenzene	0.5	
135-98-8	sec-Butylbenzene	0.5	
99-87-6	p-Isopropyltoluene	0.5	
541-73-1	1,3-Dichlorobenzene	0.5	
106-46-7	1,4-Dichlorobenzene	0.5	
104-51-8	n-Butylbenzene	0.5	
95-50-1	1,2-Dichlorobenzene	0.5	
96-12-8	1,2-Dibromo-3-Chloropropane	0.6	
120-82-1	1,2,4-Trichlorobenzene	0.5	
87-68-3	Hexachlorobutadiene	0.5	
91-20-3	Naphthalene	0.5	
87-61-6	1,2,3-Trichlorobenzene	0.5	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0.5LGPGLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 0.5LGPGLCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP002GV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.5	
74-87-3	Chloromethane	0.5	
75-01-4	Vinyl Chloride	0.5	
74-83-9	Bromomethane	0.6	
75-00-3	Chloroethane	0.6	
75-69-4	Trichlorofluoromethane	0.5	
67-64-1	Acetone	2	J
75-35-4	1,1-Dichloroethene	0.5	
156-60-5	trans-1,2-Dichloroethene	0.5	
75-15-0	Carbon Disulfide	0.5	
75-09-2	Methylene Chloride	0.5	
75-34-3	1,1-Dichloroethane	0.5	
156-59-2	cis-1,2-Dichloroethene	0.5	
78-93-3	2-Butanone	0.8	J
590-20-7	2,2-Dichloropropane	0.5	
67-66-3	Chloroform	0.5	
74-97-5	Bromochloromethane	0.5	
71-55-6	1,1,1-Trichloroethane	0.5	
563-58-6	1,1-Dichloropropene	0.5	
56-23-5	Carbon Tetrachloride	0.5	
107-06-2	1,2-Dichloroethane	0.5	
71-43-2	Benzene	0.6	
79-01-6	Trichloroethene	0.5	
78-87-5	1,2-Dichloropropane	0.5	
75-27-4	Bromodichloromethane	0.5	
74-95-3	Dibromomethane	0.5	
108-10-1	4-Methyl-2-Pentanone	1	J
10061-01-5	cis-1,3-Dichloropropene	0.5	
108-88-3	Toluene	0.5	
10061-02-6	trans-1,3-Dichloropropene	0.5	
79-00-5	1,1,2-Trichloroethane	0.5	
591-78-6	2-Hexanone	1	J
142-28-9	1,3-Dichloropropane	0.5	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0.5LGPGLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix: (soil/water) WATER Lab Sample ID: 0.5LGPGLCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP002GV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.5	
124-48-1	Dibromochloromethane	0.5	
106-93-4	1,2-Dibromoethane	0.5	
108-90-7	Chlorobenzene	0.5	
630-20-6	1,1,1,2-Tetrachloroethane	0.5	
100-41-4	Ethylbenzene	0.5	
1330-20-7	Xylene (total)	1	
100-42-5	Styrene	0.5	
75-25-2	Bromoform	0.4	J
98-82-8	Isopropylbenzene	0.5	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	
96-18-4	1,2,3-Trichloropropane	0.5	
108-86-1	Bromobenzene	0.5	
103-65-1	n-Propylbenzene	0.4	J
95-49-8	2-Chlorotoluene	0.5	
108-67-8	1,3,5-Trimethylbenzene	0.5	
106-43-4	4-Chlorotoluene	0.4	J
98-06-6	tert-Butylbenzene	0.5	
95-63-6	1,2,4-Trimethylbenzene	0.5	
135-98-8	sec-Butylbenzene	0.5	
99-87-6	p-Isopropyltoluene	0.5	
541-73-1	1,3-Dichlorobenzene	0.5	
106-46-7	1,4-Dichlorobenzene	0.5	
104-51-8	n-Butylbenzene	0.5	
95-50-1	1,2-Dichlorobenzene	0.5	
96-12-8	1,2-Dibromo-3-Chloropropane	0.5	
120-82-1	1,2,4-Trichlorobenzene	0.5	
87-68-3	Hexachlorobutadiene	0.7	
91-20-3	Naphthalene	0.6	
87-61-6	1,2,3-Trichlorobenzene	0.6	

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

	EPA SAMPLE NO.	SMC1 (DCE)#	SMC2 (BFB)#	SMC3 (DCB)#	OTHER	TOT OUT
01	LGPDLCS	107	100	103		0
02	VBLKW1	102	103	102		0
03	0.5LGPDLCS	107	104	101		0
04	AL001	108	106	100		0
05	AL012	103	99	99		0
06	AL011	102	98	96		0
07	LGPELCS	97	104	107		0
08	VBLKW3	103	106	103		0
09	0.5LGPELCS	102	101	100		0
10	AL014	107	105	105		0
11	AL013	103	102	102		0
12	AL010	108	102	101		0
13	AL005	107	106	106		0
14	AL016	102	101	101		0
15	AL015	108	102	99		0
16	AL017	106	106	104		0
17	AL018	110	106	101		0
18	VBLKW7	109	104	101		0
19	MBS	100	108	104		0
20	0.5LGPGLCS	114	104	104		0
21	AL006	99	96	96		0
22	AL019	97	94	92		0
23	AL004	101	92	87		0
24	AL003	108	103	103		0
25	AL002	103	98	92		0
26	AL009	110	104	100		0
27	AL007	115	106	106		0
28	AL008	114	106	105		0
29	AL004MS	109	102	104		0
30	AL004MSD	111	108	107		0

		QC LIMITS
SMC1 (DCE)	= 1,2-Dichloroethane-d4	(83-143)
SMC2 (BFB)	= Bromofluorobenzene	(86-115)
SMC3 (DCB)	= 1,2-Dichlorobenzene-d4	(80-120)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LGPDLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP001DQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.8	
74-87-3	Chloromethane	0.9	
75-01-4	Vinyl Chloride	0.8	
74-83-9	Bromomethane	1	
75-00-3	Chloroethane	1	
75-69-4	Trichlorofluoromethane	0.8	
67-64-1	Acetone	4	J
75-35-4	1,1-Dichloroethene	0.9	
156-60-5	trans-1,2-Dichloroethene	0.9	
75-15-0	Carbon Disulfide	0.8	
75-09-2	Methylene Chloride	0.9	
75-34-3	1,1-Dichloroethane	0.9	
156-59-2	cis-1,2-Dichloroethene	0.8	
78-93-3	2-Butanone	4	J
590-20-7	2,2-Dichloropropane	1	
67-66-3	Chloroform	0.9	
74-97-5	Bromochloromethane	0.8	
71-55-6	1,1,1-Trichloroethane	0.9	
563-58-6	1,1-Dichloropropene	0.9	
56-23-5	Carbon Tetrachloride	0.8	
107-06-2	1,2-Dichloroethane	0.8	
71-43-2	Benzene	1	
79-01-6	Trichloroethene	0.8	
78-87-5	1,2-Dichloropropane	0.9	
75-27-4	Bromodichloromethane	0.8	
74-95-3	Dibromomethane	0.8	
108-10-1	4-Methyl-2-Pentanone	4	J
10061-01-5	cis-1,3-Dichloropropene	0.8	
108-88-3	Toluene	0.8	
10061-02-6	trans-1,3-Dichloropropene	0.8	
79-00-5	1,1,2-Trichloroethane	0.8	
591-78-6	2-Hexanone	4	J
142-28-9	1,3-Dichloropropane	0.9	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LGPDLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP001DQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.8	
124-48-1	Dibromochloromethane	0.9	
106-93-4	1,2-Dibromoethane	0.9	
108-90-7	Chlorobenzene	0.9	
630-20-6	1,1,1,2-Tetrachloroethane	0.9	
100-41-4	Ethylbenzene	0.9	
1330-20-7	Xylene (total)	3	
100-42-5	Styrene	0.9	
75-25-2	Bromoform	0.9	
98-82-8	Isopropylbenzene	0.9	
79-34-5	1,1,2,2-Tetrachloroethane	0.9	
96-18-4	1,2,3-Trichloropropane	0.9	
108-86-1	Bromobenzene	0.9	
103-65-1	n-Propylbenzene	0.8	
95-49-8	2-Chlorotoluene	0.8	
108-67-8	1,3,5-Trimethylbenzene	0.9	
106-43-4	4-Chlorotoluene	0.9	
98-06-6	tert-Butylbenzene	0.9	
95-63-6	1,2,4-Trimethylbenzene	0.9	
135-98-8	sec-Butylbenzene	0.9	
99-87-6	p-Isopropyltoluene	0.9	
541-73-1	1,3-Dichlorobenzene	0.9	
106-46-7	1,4-Dichlorobenzene	0.9	
104-51-8	n-Butylbenzene	1	
95-50-1	1,2-Dichlorobenzene	0.9	
96-12-8	1,2-Dibromo-3-Chloropropane	1	
120-82-1	1,2,4-Trichlorobenzene	1	
87-68-3	Hexachlorobutadiene	1	
91-20-3	Naphthalene	1	
87-61-6	1,2,3-Trichlorobenzene	1	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LGPELCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP001EQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.9	
74-87-3	Chloromethane	0.9	
75-01-4	Vinyl Chloride	1	
74-83-9	Bromomethane	1	
75-00-3	Chloroethane	2	
75-69-4	Trichlorofluoromethane	0.9	
67-64-1	Acetone	5	
75-35-4	1,1-Dichloroethene	1	
156-60-5	trans-1,2-Dichloroethene	0.9	
75-15-0	Carbon Disulfide	0.9	
75-09-2	Methylene Chloride	0.9	
75-34-3	1,1-Dichloroethane	0.9	
156-59-2	cis-1,2-Dichloroethene	1	
78-93-3	2-Butanone	4	J
590-20-7	2,2-Dichloropropane	1	
67-66-3	Chloroform	1	
74-97-5	Bromochloromethane	0.9	
71-55-6	1,1,1-Trichloroethane	1	
563-58-6	1,1-Dichloropropene	0.9	
56-23-5	Carbon Tetrachloride	0.9	
107-06-2	1,2-Dichloroethane	0.9	
71-43-2	Benzene	1	
79-01-6	Trichloroethene	0.9	
78-87-5	1,2-Dichloropropane	0.9	
75-27-4	Bromodichloromethane	0.9	
74-95-3	Dibromomethane	0.9	
108-10-1	4-Methyl-2-Pentanone	5	
10061-01-5	cis-1,3-Dichloropropene	0.9	
108-88-3	Toluene	0.9	
10061-02-6	trans-1,3-Dichloropropene	0.9	
79-00-5	1,1,2-Trichloroethane	0.9	
591-78-6	2-Hexanone	5	
142-28-9	1,3-Dichloropropane	0.9	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LGPELCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP001EQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/30/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	0.9	
124-48-1	Dibromochloromethane	0.9	
106-93-4	1,2-Dibromoethane	0.9	
108-90-7	Chlorobenzene	0.9	
630-20-6	1,1,1,2-Tetrachloroethane	0.9	
100-41-4	Ethylbenzene	0.9	
1330-20-7	Xylene (total)	3	
100-42-5	Styrene	0.9	
75-25-2	Bromoform	0.9	
98-82-8	Isopropylbenzene	0.9	
79-34-5	1,1,2,2-Tetrachloroethane	0.9	
96-18-4	1,2,3-Trichloropropane	0.9	
108-86-1	Bromobenzene	0.9	
103-65-1	n-Propylbenzene	0.9	
95-49-8	2-Chlorotoluene	0.9	
108-67-8	1,3,5-Trimethylbenzene	0.9	
106-43-4	4-Chlorotoluene	0.9	
98-06-6	tert-Butylbenzene	0.9	
95-63-6	1,2,4-Trimethylbenzene	0.9	
135-98-8	sec-Butylbenzene	0.9	
99-87-6	p-Isopropyltoluene	0.9	
541-73-1	1,3-Dichlorobenzene	0.9	
106-46-7	1,4-Dichlorobenzene	1	
104-51-8	n-Butylbenzene	1	
95-50-1	1,2-Dichlorobenzene	0.9	
96-12-8	1,2-Dibromo-3-Chloropropane	0.9	
120-82-1	1,2,4-Trichlorobenzene	1	
87-68-3	Hexachlorobutadiene	1	
91-20-3	Naphthalene	1	
87-61-6	1,2,3-Trichlorobenzene	1	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LGPGLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP001GQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
75-71-8	Dichlorodifluoromethane	0.9	
74-87-3	Chloromethane	1	
75-01-4	Vinyl Chloride	0.9	
74-83-9	Bromomethane	1	
75-00-3	Chloroethane	1	
75-69-4	Trichlorofluoromethane	0.9	
67-64-1	Acetone	5	
75-35-4	1,1-Dichloroethene	0.9	
156-60-5	trans-1,2-Dichloroethene	0.9	
75-15-0	Carbon Disulfide	1	
75-09-2	Methylene Chloride	1	
75-34-3	1,1-Dichloroethane	1	
156-59-2	cis-1,2-Dichloroethene	1	
78-93-3	2-Butanone	4	J
590-20-7	2,2-Dichloropropane	1	
67-66-3	Chloroform	1	
74-97-5	Bromochloromethane	0.9	
71-55-6	1,1,1-Trichloroethane	0.9	
563-58-6	1,1-Dichloropropene	0.9	
56-23-5	Carbon Tetrachloride	0.9	
107-06-2	1,2-Dichloroethane	1	
71-43-2	Benzene	1	
79-01-6	Trichloroethene	0.9	
78-87-5	1,2-Dichloropropane	1	
75-27-4	Bromodichloromethane	0.9	
74-95-3	Dibromomethane	0.9	
108-10-1	4-Methyl-2-Pentanone	5	
10061-01-5	cis-1,3-Dichloropropene	0.9	
108-88-3	Toluene	1	
10061-02-6	trans-1,3-Dichloropropene	0.9	
79-00-5	1,1,2-Trichloroethane	1	
591-78-6	2-Hexanone	4	J
142-28-9	1,3-Dichloropropane	1	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LGPGLCS

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

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

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: LGP001GQV

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/96

GC Column: CAP ID: 0.53 (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	Q
127-18-4	Tetrachloroethene	1	
124-48-1	Dibromochloromethane	0.9	
106-93-4	1,2-Dibromoethane	1	
108-90-7	Chlorobenzene	0.9	
630-20-6	1,1,1,2-Tetrachloroethane	0.9	
100-41-4	Ethylbenzene	0.9	
1330-20-7	Xylene (total)	3	
100-42-5	Styrene	0.9	
75-25-2	Bromoform	0.9	
98-82-8	Isopropylbenzene	0.9	
79-34-5	1,1,2,2-Tetrachloroethane	1	
96-18-4	1,2,3-Trichloropropane	1	
108-86-1	Bromobenzene	0.9	
103-65-1	n-Propylbenzene	0.8	
95-49-8	2-Chlorotoluene	0.9	
108-67-8	1,3,5-Trimethylbenzene	0.9	
106-43-4	4-Chlorotoluene	0.9	
98-06-6	tert-Butylbenzene	0.9	
95-63-6	1,2,4-Trimethylbenzene	0.9	
135-98-8	sec-Butylbenzene	0.9	
99-87-6	p-Isopropyltoluene	0.9	
541-73-1	1,3-Dichlorobenzene	0.9	
106-46-7	1,4-Dichlorobenzene	1	
104-51-8	n-Butylbenzene	1	
95-50-1	1,2-Dichlorobenzene	0.9	
96-12-8	1,2-Dibromo-3-Chloropropane	1	
120-82-1	1,2,4-Trichlorobenzene	1	
87-68-3	Hexachlorobutadiene	0.9	
91-20-3	Naphthalene	1	
87-61-6	1,2,3-Trichlorobenzene	1	

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - ENGSC2 Sample No.: AL004

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
o-Xylene	10	0	10	100	60-140
m- & p-Xylene	20	0	19	95	60-140
Dichlorodifluoromethane	10	0	10	100	60-140
Chloromethane	10	0	10	100	60-140
Vinyl Chloride	10	0	10	100	60-140
Bromomethane	10	0	10	100	60-140
Chloroethane	10	0	11	110	60-140
Trichlorofluoromethane	10	0	10	100	60-140
Acetone	25	0	28	112	60-140
1,1-Dichloroethene	10	0	10	100	60-140
trans-1,2-Dichloroethen	10	0	10	100	60-140
Carbon Disulfide	10	0	9	90	60-140
Methylene Chloride	10	0	10	100	60-140
1,1-Dichloroethane	10	0	10	100	60-140
cis-1,2-Dichloroethene	10	0	10	100	60-140
2-Butanone	25	0	26	104	60-140
2,2-Dichloropropane	10	0	9	90	60-140
Chloroform	10	0	10	100	60-140
Bromochloromethane	10	0	10	100	60-140
1,1,1-Trichloroethane	10	0	10	100	60-140
1,1-Dichloropropene	10	0	10	100	60-140
Carbon Tetrachloride	10	0	10	100	60-140
1,2-Dichloroethane	10	0	11	110	60-140
Benzene	10	0	10	100	60-140
Trichloroethene	10	1	11	100	60-140
1,2-Dichloropropane	10	0	10	100	60-140
Bromodichloromethane	10	0	10	100	60-140
Dibromomethane	10	0	11	110	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - ENGSC2 Sample No.: AL004

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	25	0	28	112	60-140
cis-1,3-Dichloropropene	10	0	10	100	60-140
Toluene	10	0	10	100	60-140
trans-1,3-Dichloroprope	10	0	10	100	60-140
1,1,2-Trichloroethane	10	0	10	100	60-140
2-Hexanone	25	0	27	108	60-140
1,3-Dichloropropane	10	0	10	100	60-140
Tetrachloroethene	10	0	10	100	60-140
Dibromochloromethane	10	0	9	90	60-140
1,2-Dibromoethane	10	0	10	100	60-140
Chlorobenzene	10	0	10	100	60-140
1,1,1,2-Tetrachloroetha	10	0	10	100	60-140
Ethylbenzene	10	0	10	100	60-140
Xylene (total)	30	0	29	97	60-140
Styrene	10	0	9	90	60-140
Bromoform	10	0	8	80	60-140
Isopropylbenzene	10	0	9	90	60-140
1,1,2,2-Tetrachloroetha	10	0	10	100	60-140
1,2,3-Trichloropropane	10	0	10	100	60-140
Bromobenzene	10	0	10	100	60-140
n-Propylbenzene	10	0	9	90	60-140
2-Chlorotoluene	10	0	10	100	60-140
1,3,5-Trimethylbenzene	10	0	9	90	60-140
4-Chlorotoluene	10	0	10	100	60-140
tert-Butylbenzene	10	0	9	90	60-140
1,2,4-Trimethylbenzene	10	0	9	90	60-140
sec-Butylbenzene	10	0	9	90	60-140
p-Isopropyltoluene	10	0	9	90	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - ENGSC2 Sample No.: AL004

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	10	0	10	100	60-140
1,4-Dichlorobenzene	10	0	10	100	60-140
n-Butylbenzene	10	0	9	90	60-140
1,2-Dichlorobenzene	10	0	10	100	60-140
1,2-Dibromo-3-Chloropro	10	0	10	100	60-140
1,2,4-Trichlorobenzene	10	0	10	100	60-140
Hexachlorobutadiene	10	0	9	90	60-140
Naphthalene	10	0	10	100	60-140
1,2,3-Trichlorobenzene	10	0	10	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

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FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - ENGSC2 Sample No.: AL004

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
o-Xylene	10	10	100	0	0	60-140
m- & p-Xylene	20	19	95	0	0	60-140
Dichlorodifluoromethane	10	10	100	0	0	60-140
Chloromethane	10	10	100	0	0	60-140
Vinyl Chloride	10	10	100	0	0	60-140
Bromomethane	10	10	100	0	0	60-140
Chloroethane	10	9	90	20*	0	60-140
Trichlorofluoromethane	10	10	100	0	0	60-140
Acetone	25	30	120	7*	0	60-140
1,1-Dichloroethene	10	10	100	0	0	60-140
trans-1,2-Dichloroethen	10	10	100	0	0	60-140
Carbon Disulfide	10	8	80	12*	0	60-140
Methylene Chloride	10	10	100	0	0	60-140
1,1-Dichloroethane	10	10	100	0	0	60-140
cis-1,2-Dichloroethene	10	10	100	0	0	60-140
2-Butanone	25	28	112	7*	0	60-140
2,2-Dichloropropane	10	8	80	12*	0	60-140
Chloroform	10	10	100	0	0	60-140
Bromochloromethane	10	10	100	0	0	60-140
1,1,1-Trichloroethane	10	10	100	0	0	60-140
1,1-Dichloropropene	10	10	100	0	0	60-140
Carbon Tetrachloride	10	10	100	0	0	60-140
1,2-Dichloroethane	10	11	110	0	0	60-140
Benzene	10	10	100	0	0	60-140
Trichloroethene	10	11	100	0	0	60-140
1,2-Dichloropropane	10	10	100	0	0	60-140
Bromodichloromethane	10	10	100	0	0	60-140
Dibromomethane	10	11	110	0	0	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - ENGSC2 Sample No.: AL004

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4-Methyl-2-Pentanone	25	28	112	0	0	60-140
cis-1,3-Dichloropropene	10	10	100	0	0	60-140
Toluene	10	10	100	0	0	60-140
trans-1,3-Dichloroprope	10	10	100	0	0	60-140
1,1,2-Trichloroethane	10	11	110	10*	0	60-140
2-Hexanone	25	27	108	0	0	60-140
1,3-Dichloropropane	10	10	100	0	0	60-140
Tetrachloroethene	10	10	100	0	0	60-140
Dibromochloromethane	10	10	100	10*	0	60-140
1,2-Dibromoethane	10	11	110	10*	0	60-140
Chlorobenzene	10	10	100	0	0	60-140
1,1,1,2-Tetrachloroetha	10	10	100	0	0	60-140
Ethylbenzene	10	10	100	0	0	60-140
Xylene (total)	30	29	97	0	0	60-140
Styrene	10	8	80	12*	0	60-140
Bromoform	10	10	100	22*	0	60-140
Isopropylbenzene	10	9	90	0	0	60-140
1,1,2,2-Tetrachloroetha	10	11	110	10*	0	60-140
1,2,3-Trichloropropane	10	11	110	10*	0	60-140
Bromobenzene	10	10	100	0	0	60-140
n-Propylbenzene	10	9	90	0	0	60-140
2-Chlorotoluene	10	10	100	0	0	60-140
1,3,5-Trimethylbenzene	10	9	90	0	0	60-140
4-Chlorotoluene	10	10	100	0	0	60-140
tert-Butylbenzene	10	9	90	0	0	60-140
1,2,4-Trimethylbenzene	10	9	90	0	0	60-140
sec-Butylbenzene	10	10	100	10*	0	60-140
p-Isopropyltoluene	10	9	90	0	0	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - ENGSC2 Sample No.: AL004

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,3-Dichlorobenzene	10	10	100	0	0	60-140
1,4-Dichlorobenzene	10	10	100	0	0	60-140
n-Butylbenzene	10	9	90	0	0	60-140
1,2-Dichlorobenzene	10	10	100	0	0	60-140
1,2-Dibromo-3-Chloropro	10	11	110	10*	0	60-140
1,2,4-Trichlorobenzene	10	10	100	0	0	60-140
Hexachlorobutadiene	10	9	90	0	0	60-140
Naphthalene	10	10	100	0	0	60-140
1,2,3-Trichlorobenzene	10	10	100	0	0	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 14 out of 65 outside limits
Spike Recovery: 0 out of 130 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - INTPA6 Sample No.: MBS

COMPOUND	SPIKE ADDED (ug/L)	BLANK CONCENTRATION (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC. LIMITS REC.
o-Xylene	10		10	100	60-140
m- & p-Xylene	20		20	100	60-140
Dichlorodifluoromethane	10		10	100	60-140
Chloromethane	10		10	100	60-140
Vinyl Chloride	10		10	100	60-140
Bromomethane	10		10	100	60-140
Chloroethane	10		11	110	60-140
Trichlorofluoromethane	10		10	100	60-140
Acetone	25		21	84	60-140
1,1-Dichloroethene	10		10	100	60-140
trans-1,2-Dichloroethen	10		10	100	60-140
Carbon Disulfide	10		10	100	60-140
Methylene Chloride	10		10	100	60-140
1,1-Dichloroethane	10		10	100	60-140
cis-1,2-Dichloroethene	10		10	100	60-140
2-Butanone	25		24	96	60-140
2,2-Dichloropropane	10		10	100	60-140
Chloroform	10		10	100	60-140
Bromochloromethane	10		10	100	60-140
1,1,1-Trichloroethane	10		10	100	60-140
1,1-Dichloropropene	10		10	100	60-140
Carbon Tetrachloride	10		10	100	60-140
1,2-Dichloroethane	10		10	100	60-140
Benzene	10		10	100	60-140
Trichloroethene	10		10	100	60-140
1,2-Dichloropropane	10		10	100	60-140
Bromodichloromethane	10		10	100	60-140
Dibromomethane	10		10	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - INTPA6 Sample No.: MBS

COMPOUND	SPIKE ADDED (ug/L)	BLANK CONCENTRATION (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	25		25	100	60-140
cis-1,3-Dichloropropene	10		10	100	60-140
Toluene	10		10	100	60-140
trans-1,3-Dichloroprope	10		10	100	60-140
1,1,2-Trichloroethane	10		10	100	60-140
2-Hexanone	25		24	96	60-140
1,3-Dichloropropane	10		10	100	60-140
Tetrachloroethene	10		10	100	60-140
Dibromochloromethane	10		10	100	60-140
1,2-Dibromoethane	10		10	100	60-140
Chlorobenzene	10		10	100	60-140
1,1,1,2-Tetrachloroetha	10		10	100	60-140
Ethylbenzene	10		10	100	60-140
Xylene (total)	30		31	103	60-140
Styrene	10		10	100	60-140
Bromoform	10		10	100	60-140
Isopropylbenzene	10		10	100	60-140
1,1,2,2-Tetrachloroetha	10		10	100	60-140
1,2,3-Trichloropropane	10		10	100	60-140
Bromobenzene	10		10	100	60-140
n-Propylbenzene	10		10	100	60-140
2-Chlorotoluene	10		10	100	60-140
1,3,5-Trimethylbenzene	10		10	100	60-140
4-Chlorotoluene	10		10	100	60-140
tert-Butylbenzene	10		10	100	60-140
1,2,4-Trimethylbenzene	10		10	100	60-140
sec-Butylbenzene	10		10	100	60-140
p-Isopropyltoluene	10		10	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

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FORM 3
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - INTPA6 Sample No.: MBS

COMPOUND	SPIKE ADDED (ug/L)	BLANK CONCENTRATION (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	10		10	100	60-140
1,4-Dichlorobenzene	10		10	100	60-140
n-Butylbenzene	10		10	100	60-140
1,2-Dichlorobenzene	10		10	100	60-140
1,2-Dibromo-3-Chloropro	10		10	100	60-140
1,2,4-Trichlorobenzene	10		10	100	60-140
Hexachlorobutadiene	10		10	100	60-140
Naphthalene	10		10	100	60-140
1,2,3-Trichlorobenzene	10		10	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 65 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Client Sample No.: LGPDLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
o-Xylene	1		0.8	80	60-140
m- & p-Xylene	2		2	100	60-140
Dichlorodifluoromethane	1		0.8	80	60-140
Chloromethane	1		0.9	90	60-140
Vinyl Chloride	1		0.8	80	60-140
Bromomethane	1		1	100	60-140
Chloroethane	1		1	100	60-140
Trichlorofluoromethane	1		0.8	80	60-140
Acetone	5		4	80	60-140
1,1-Dichloroethene	1		0.9	90	60-140
trans-1,2-Dichloroethen	1		0.9	90	60-140
Carbon Disulfide	1		0.8	80	60-140
Methylene Chloride	1		0.9	90	60-140
1,1-Dichloroethane	1		0.9	90	60-140
cis-1,2-Dichloroethene	1		0.8	80	60-140
2-Butanone	5		4	80	60-140
2,2-Dichloropropane	1		1	100	60-140
Chloroform	1		0.9	90	60-140
Bromochloromethane	1		0.8	80	60-140
1,1,1-Trichloroethane	1		0.9	90	60-140
1,1-Dichloropropene	1		0.9	90	60-140
Carbon Tetrachloride	1		0.8	80	60-140
1,2-Dichloroethane	1		0.8	80	60-140
Benzene	1		1	100	60-140
Trichloroethene	1		0.8	80	60-140
1,2-Dichloropropane	1		0.9	90	60-140
Bromodichloromethane	1		0.8	80	60-140
Dibromomethane	1		0.8	80	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

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FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Client Sample No.: LGPDLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	5		4	80	60-140
cis-1,3-Dichloropropene	1		0.8	80	60-140
Toluene	1		0.8	80	60-140
trans-1,3-Dichloroprope	1		0.8	80	60-140
1,1,2-Trichloroethane	1		0.8	80	60-140
2-Hexanone	5		4	80	60-140
1,3-Dichloropropane	1		0.9	90	60-140
Tetrachloroethene	1		0.8	80	60-140
Dibromochloromethane	1		0.9	90	60-140
1,2-Dibromoethane	1		0.9	90	60-140
Chlorobenzene	1		0.9	90	60-140
1,1,1,2-Tetrachloroetha	1		0.9	90	60-140
Ethylbenzene	1		0.9	90	60-140
Xylene (total)	3		3	100	60-140
Styrene	1		0.9	90	60-140
Bromoform	1		0.9	90	60-140
Isopropylbenzene	1		0.9	90	60-140
1,1,2,2-Tetrachloroetha	1		0.9	90	60-140
1,2,3-Trichloropropane	1		0.9	90	60-140
Bromobenzene	1		0.9	90	60-140
n-Propylbenzene	1		0.8	80	60-140
2-Chlorotoluene	1		0.8	80	60-140
1,3,5-Trimethylbenzene	1		0.9	90	60-140
4-Chlorotoluene	1		0.9	90	60-140
tert-Butylbenzene	1		0.9	90	60-140
1,2,4-Trimethylbenzene	1		0.9	90	60-140
sec-Butylbenzene	1		0.9	90	60-140
p-Isopropyltoluene	1		0.9	90	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Client Sample No.: LGPDLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	1		0.9	90	60-140
1,4-Dichlorobenzene	1		0.9	90	60-140
n-Butylbenzene	1		1	100	60-140
1,2-Dichlorobenzene	1		0.9	90	60-140
1,2-Dibromo-3-Chloropro	1		1	100	60-140
1,2,4-Trichlorobenzene	1		1	100	60-140
Hexachlorobutadiene	1		1	100	60-140
Naphthalene	1		1	100	60-140
1,2,3-Trichlorobenzene	1		1	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 65 outside limits

COMMENTS: _____

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FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: LGPELCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
o-Xylene	1		0.8	80	60-140
m- & p-Xylene	2		2	100	60-140
Dichlorodifluoromethane	1		0.9	90	60-140
Chloromethane	1		0.9	90	60-140
Vinyl Chloride	1		1	100	60-140
Bromomethane	1		1	100	60-140
Chloroethane	1		2	200*	60-140
Trichlorofluoromethane	1		0.9	90	60-140
Acetone	5		5	100	60-140
1,1-Dichloroethene	1		1	100	60-140
trans-1,2-Dichloroethen	1		0.9	90	60-140
Carbon Disulfide	1		0.9	90	60-140
Methylene Chloride	1		0.9	90	60-140
1,1-Dichloroethane	1		0.9	90	60-140
cis-1,2-Dichloroethene	1		1	100	60-140
2-Butanone	5		4	80	60-140
2,2-Dichloropropane	1		1	100	60-140
Chloroform	1		1	100	60-140
Bromochloromethane	1		0.9	90	60-140
1,1,1-Trichloroethane	1		1	100	60-140
1,1-Dichloropropene	1		0.9	90	60-140
Carbon Tetrachloride	1		0.9	90	60-140
1,2-Dichloroethane	1		0.9	90	60-140
Benzene	1		1	100	60-140
Trichloroethene	1		0.9	90	60-140
1,2-Dichloropropane	1		0.9	90	60-140
Bromodichloromethane	1		0.9	90	60-140
Dibromomethane	1		0.9	90	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

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FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: LGPELCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	5		5	100	60-140
cis-1,3-Dichloropropene	1		0.9	90	60-140
Toluene	1		0.9	90	60-140
trans-1,3-Dichloroprope	1		0.9	90	60-140
1,1,2-Trichloroethane	1		0.9	90	60-140
2-Hexanone	5		5	100	60-140
1,3-Dichloropropane	1		0.9	90	60-140
Tetrachloroethene	1		0.9	90	60-140
Dibromochloromethane	1		0.9	90	60-140
1,2-Dibromoethane	1		0.9	90	60-140
Chlorobenzene	1		0.9	90	60-140
1,1,1,2-Tetrachloroetha	1		0.9	90	60-140
Ethylbenzene	1		0.9	90	60-140
Xylene (total)	3		3	100	60-140
Styrene	1		0.9	90	60-140
Bromoform	1		0.9	90	60-140
Isopropylbenzene	1		0.9	90	60-140
1,1,2,2-Tetrachloroetha	1		0.9	90	60-140
1,2,3-Trichloropropane	1		0.9	90	60-140
Bromobenzene	1		0.9	90	60-140
n-Propylbenzene	1		0.9	90	60-140
2-Chlorotoluene	1		0.9	90	60-140
1,3,5-Trimethylbenzene	1		0.9	90	60-140
4-Chlorotoluene	1		0.9	90	60-140
tert-Butylbenzene	1		0.9	90	60-140
1,2,4-Trimethylbenzene	1		0.9	90	60-140
sec-Butylbenzene	1		0.9	90	60-140
p-Isopropyltoluene	1		0.9	90	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: LGPELCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	1		0.9	90	60-140
1,4-Dichlorobenzene	1		1	100	60-140
n-Butylbenzene	1		1	100	60-140
1,2-Dichlorobenzene	1		0.9	90	60-140
1,2-Dibromo-3-Chloropro	1		0.9	90	60-140
1,2,4-Trichlorobenzene	1		1	100	60-140
Hexachlorobutadiene	1		1	100	60-140
Naphthalene	1		1	100	60-140
1,2,3-Trichlorobenzene	1		1	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 65 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: LGPGLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
o-Xylene	1		0.9	90	60-140
m- & p-Xylene	2		2	100	60-140
Dichlorodifluoromethane	1		0.9	90	60-140
Chloromethane	1		1	100	60-140
Vinyl Chloride	1		0.9	90	60-140
Bromomethane	1		1	100	60-140
Chloroethane	1		1	100	60-140
Trichlorofluoromethane	1		0.9	90	60-140
Acetone	5		5	100	60-140
1,1-Dichloroethene	1		0.9	90	60-140
trans-1,2-Dichloroethen	1		0.9	90	60-140
Carbon Disulfide	1		1	100	60-140
Methylene Chloride	1		1	100	60-140
1,1-Dichloroethane	1		1	100	60-140
cis-1,2-Dichloroethene	1		1	100	60-140
2-Butanone	5		4	80	60-140
2,2-Dichloropropane	1		1	100	60-140
Chloroform	1		1	100	60-140
Bromochloromethane	1		0.9	90	60-140
1,1,1-Trichloroethane	1		0.9	90	60-140
1,1-Dichloropropene	1		0.9	90	60-140
Carbon Tetrachloride	1		0.9	90	60-140
1,2-Dichloroethane	1		1	100	60-140
Benzene	1		1	100	60-140
Trichloroethene	1		0.9	90	60-140
1,2-Dichloropropane	1		1	100	60-140
Bromodichloromethane	1		0.9	90	60-140
Dibromomethane	1		0.9	90	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: LGPGLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	5		5	100	60-140
cis-1,3-Dichloropropene	1		0.9	90	60-140
Toluene	1		1	100	60-140
trans-1,3-Dichloroprope	1		0.9	90	60-140
1,1,2-Trichloroethane	1		1	100	60-140
2-Hexanone	5		4	80	60-140
1,3-Dichloropropane	1		1	100	60-140
Tetrachloroethene	1		1	100	60-140
Dibromochloromethane	1		0.9	90	60-140
1,2-Dibromoethane	1		1	100	60-140
Chlorobenzene	1		0.9	90	60-140
1,1,1,2-Tetrachloroetha	1		0.9	90	60-140
Ethylbenzene	1		0.9	90	60-140
Xylene (total)	3		3	100	60-140
Styrene	1		0.9	90	60-140
Bromoform	1		0.9	90	60-140
Isopropylbenzene	1		0.9	90	60-140
1,1,2,2-Tetrachloroetha	1		1	100	60-140
1,2,3-Trichloropropane	1		1	100	60-140
Bromobenzene	1		0.9	90	60-140
n-Propylbenzene	1		0.8	80	60-140
2-Chlorotoluene	1		0.9	90	60-140
1,3,5-Trimethylbenzene	1		0.9	90	60-140
4-Chlorotoluene	1		0.9	90	60-140
tert-Butylbenzene	1		0.9	90	60-140
1,2,4-Trimethylbenzene	1		0.9	90	60-140
sec-Butylbenzene	1		0.9	90	60-140
p-Isopropyltoluene	1		0.9	90	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: LGPGLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	1		0.9	90	60-140
1,4-Dichlorobenzene	1		1	100	60-140
n-Butylbenzene	1		1	100	60-140
1,2-Dichlorobenzene	1		0.9	90	60-140
1,2-Dibromo-3-Chloropro	1		1	100	60-140
1,2,4-Trichlorobenzene	1		1	100	60-140
Hexachlorobutadiene	1		0.9	90	60-140
Naphthalene	1		1	100	60-140
1,2,3-Trichlorobenzene	1		1	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 65 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Client Sample No.: 0.5LGPDLC

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
o-Xylene	0.5		0.5	100	60-140
m- & p-Xylene	1		1	100	60-140
Dichlorodifluoromethane	0.5		0.5	100	60-140
Chloromethane	0.5		0.5	100	60-140
Vinyl Chloride	0.5		0.5	100	60-140
Bromomethane	0.5		0.6	120	60-140
Chloroethane	0.5		0.8	160*	60-140
Trichlorofluoromethane	0.5		0.5	100	60-140
Acetone	2		2	100	60-140
1,1-Dichloroethene	0.5		0.5	100	60-140
trans-1,2-Dichloroethen	0.5		0.5	100	60-140
Carbon Disulfide	0.5		0.5	100	60-140
Methylene Chloride	0.5		0.6	120	60-140
1,1-Dichloroethane	0.5		0.5	100	60-140
cis-1,2-Dichloroethene	0.5		0.5	100	60-140
2-Butanone	2		1	50*	60-140
2,2-Dichloropropane	0.5		0.6	120	60-140
Chloroform	0.5		0.5	100	60-140
Bromochloromethane	0.5		0.5	100	60-140
1,1,1-Trichloroethane	0.5		0.5	100	60-140
1,1-Dichloropropene	0.5		0.5	100	60-140
Carbon Tetrachloride	0.5		0.5	100	60-140
1,2-Dichloroethane	0.5		0.5	100	60-140
Benzene	0.5		0.6	120	60-140
Trichloroethene	0.5		0.5	100	60-140
1,2-Dichloropropane	0.5		0.5	100	60-140
Bromodichloromethane	0.5		0.5	100	60-140
Dibromomethane	0.5		0.5	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Client Sample No.: 0.5LGPDLC

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	2		1	50*	60-140
cis-1,3-Dichloropropene	0.5		0.5	100	60-140
Toluene	0.5		0.5	100	60-140
trans-1,3-Dichloroprope	0.5		0.5	100	60-140
1,1,2-Trichloroethane	0.5		0.4	80	60-140
2-Hexanone	2		1	50*	60-140
1,3-Dichloropropane	0.5		0.5	100	60-140
Tetrachloroethene	0.5		0.5	100	60-140
Dibromochloromethane	0.5		0.5	100	60-140
1,2-Dibromoethane	0.5		0.5	100	60-140
Chlorobenzene	0.5		0.5	100	60-140
1,1,1,2-Tetrachloroetha	0.5		0.5	100	60-140
Ethylbenzene	0.5		0.5	100	60-140
Xylene (total)	2		2	100	60-140
Styrene	0.5		0.5	100	60-140
Bromoform	0.5		0.4	80	60-140
Isopropylbenzene	0.5		0.5	100	60-140
1,1,2,2-Tetrachloroetha	0.5		0.5	100	60-140
1,2,3-Trichloropropane	0.5		0.5	100	60-140
Bromobenzene	0.5		0.5	100	60-140
n-Propylbenzene	0.5		0.4	80	60-140
2-Chlorotoluene	0.5		0.5	100	60-140
1,3,5-Trimethylbenzene	0.5		0.5	100	60-140
4-Chlorotoluene	0.5		0.4	80	60-140
tert-Butylbenzene	0.5		0.5	100	60-140
1,2,4-Trimethylbenzene	0.5		0.5	100	60-140
sec-Butylbenzene	0.5		0.5	100	60-140
p-Isopropyltoluene	0.5		0.5	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Client Sample No.: 0.5LGPDLC

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	0.5		0.5	100	60-140
1,4-Dichlorobenzene	0.5		0.5	100	60-140
n-Butylbenzene	0.5		0.5	100	60-140
1,2-Dichlorobenzene	0.5		0.5	100	60-140
1,2-Dibromo-3-Chloropro	0.5		0.4	80	60-140
1,2,4-Trichlorobenzene	0.5		0.5	100	60-140
Hexachlorobutadiene	0.5		0.5	100	60-140
Naphthalene	0.5		0.6	120	60-140
1,2,3-Trichlorobenzene	0.5		0.6	120	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 4 out of 65 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: 0.5LGPELCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
o-Xylene	0.5		0.4	80	60-140
m- & p-Xylene	1		1	100	60-140
Dichlorodifluoromethane	0.5		0.4	80	60-140
Chloromethane	0.5		0.6	120	60-140
Vinyl Chloride	0.5		0.5	100	60-140
Bromomethane	0.5		0.6	120	60-140
Chloroethane	0.5		0.7	140	60-140
Trichlorofluoromethane	0.5		0.5	100	60-140
Acetone	2		2	100	60-140
1,1-Dichloroethene	0.5		0.5	100	60-140
trans-1,2-Dichloroethen	0.5		0.5	100	60-140
Carbon Disulfide	0.5		0.5	100	60-140
Methylene Chloride	0.5		0.6	120	60-140
1,1-Dichloroethane	0.5		0.5	100	60-140
cis-1,2-Dichloroethene	0.5		0.5	100	60-140
2-Butanone	2		0.6	30*	60-140
2,2-Dichloropropane	0.5		0.6	120	60-140
Chloroform	0.5		0.5	100	60-140
Bromochloromethane	0.5		0.5	100	60-140
1,1,1-Trichloroethane	0.5		0.5	100	60-140
1,1-Dichloropropene	0.5		0.5	100	60-140
Carbon Tetrachloride	0.5		0.4	80	60-140
1,2-Dichloroethane	0.5		0.5	100	60-140
Benzene	0.5		0.5	100	60-140
Trichloroethene	0.5		0.5	100	60-140
1,2-Dichloropropane	0.5		0.5	100	60-140
Bromodichloromethane	0.5		0.5	100	60-140
Dibromomethane	0.5		0.5	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: 0.5LGPELCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	2		1	50*	60-140
cis-1,3-Dichloropropene	0.5		0.4	80	60-140
Toluene	0.5		0.5	100	60-140
trans-1,3-Dichloroprope	0.5		0.5	100	60-140
1,1,2-Trichloroethane	0.5		0.5	100	60-140
2-Hexanone	2		1	50*	60-140
1,3-Dichloropropane	0.5		0.5	100	60-140
Tetrachloroethene	0.5		0.5	100	60-140
Dibromochloromethane	0.5		0.5	100	60-140
1,2-Dibromoethane	0.5		0.5	100	60-140
Chlorobenzene	0.5		0.5	100	60-140
1,1,1,2-Tetrachloroetha	0.5		0.4	80	60-140
Ethylbenzene	0.5		0.5	100	60-140
Xylene (total)	2		1	50*	60-140
Styrene	0.5		0.5	100	60-140
Bromoform	0.5		0.4	80	60-140
Isopropylbenzene	0.5		0.5	100	60-140
1,1,2,2-Tetrachloroetha	0.5		0.5	100	60-140
1,2,3-Trichloropropane	0.5		0.5	100	60-140
Bromobenzene	0.5		0.4	80	60-140
n-Propylbenzene	0.5		0.4	80	60-140
2-Chlorotoluene	0.5		0.5	100	60-140
1,3,5-Trimethylbenzene	0.5		0.5	100	60-140
4-Chlorotoluene	0.5		0.4	80	60-140
tert-Butylbenzene	0.5		0.5	100	60-140
1,2,4-Trimethylbenzene	0.5		0.5	100	60-140
sec-Butylbenzene	0.5		0.5	100	60-140
p-Isopropyltoluene	0.5		0.5	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: 0.5LGPELCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	0.5		0.5	100	60-140
1,4-Dichlorobenzene	0.5		0.5	100	60-140
n-Butylbenzene	0.5		0.5	100	60-140
1,2-Dichlorobenzene	0.5		0.5	100	60-140
1,2-Dibromo-3-Chloropro	0.5		0.6	120	60-140
1,2,4-Trichlorobenzene	0.5		0.5	100	60-140
Hexachlorobutadiene	0.5		0.5	100	60-140
Naphthalene	0.5		0.5	100	60-140
1,2,3-Trichlorobenzene	0.5		0.5	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 4 out of 65 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: 0.5LGPGLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
o-Xylene	0.5		0.4	80	60-140
m- & p-Xylene	1		1	100	60-140
Dichlorodifluoromethane	0.5		0.5	100	60-140
Chloromethane	0.5		0.5	100	60-140
Vinyl Chloride	0.5		0.5	100	60-140
Bromomethane	0.5		0.6	120	60-140
Chloroethane	0.5		0.6	120	60-140
Trichlorofluoromethane	0.5		0.5	100	60-140
Acetone	2		2	100	60-140
1,1-Dichloroethene	0.5		0.5	100	60-140
trans-1,2-Dichloroethen	0.5		0.5	100	60-140
Carbon Disulfide	0.5		0.5	100	60-140
Methylene Chloride	0.5		0.5	100	60-140
1,1-Dichloroethane	0.5		0.5	100	60-140
cis-1,2-Dichloroethene	0.5		0.5	100	60-140
2-Butanone	2		0.8	40*	60-140
2,2-Dichloropropane	0.5		0.5	100	60-140
Chloroform	0.5		0.5	100	60-140
Bromochloromethane	0.5		0.5	100	60-140
1,1,1-Trichloroethane	0.5		0.5	100	60-140
1,1-Dichloropropene	0.5		0.5	100	60-140
Carbon Tetrachloride	0.5		0.5	100	60-140
1,2-Dichloroethane	0.5		0.5	100	60-140
Benzene	0.5		0.6	120	60-140
Trichloroethene	0.5		0.5	100	60-140
1,2-Dichloropropane	0.5		0.5	100	60-140
Bromodichloromethane	0.5		0.5	100	60-140
Dibromomethane	0.5		0.5	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: 0.5LGPGLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
4-Methyl-2-Pentanone	2		1	50*	60-140
cis-1,3-Dichloropropene	0.5		0.5	100	60-140
Toluene	0.5		0.5	100	60-140
trans-1,3-Dichloroprope	0.5		0.5	100	60-140
1,1,2-Trichloroethane	0.5		0.5	100	60-140
2-Hexanone	2		1	50*	60-140
1,3-Dichloropropane	0.5		0.5	100	60-140
Tetrachloroethene	0.5		0.5	100	60-140
Dibromochloromethane	0.5		0.5	100	60-140
1,2-Dibromoethane	0.5		0.5	100	60-140
Chlorobenzene	0.5		0.5	100	60-140
1,1,1,2-Tetrachloroetha	0.5		0.5	100	60-140
Ethylbenzene	0.5		0.5	100	60-140
Xylene (total)	2		1	50*	60-140
Styrene	0.5		0.5	100	60-140
Bromoform	0.5		0.4	80	60-140
Isopropylbenzene	0.5		0.5	100	60-140
1,1,2,2-Tetrachloroetha	0.5		0.5	100	60-140
1,2,3-Trichloropropane	0.5		0.5	100	60-140
Bromobenzene	0.5		0.5	100	60-140
n-Propylbenzene	0.5		0.4	80	60-140
2-Chlorotoluene	0.5		0.5	100	60-140
1,3,5-Trimethylbenzene	0.5		0.5	100	60-140
4-Chlorotoluene	0.5		0.4	80	60-140
tert-Butylbenzene	0.5		0.5	100	60-140
1,2,4-Trimethylbenzene	0.5		0.5	100	60-140
sec-Butylbenzene	0.5		0.5	100	60-140
p-Isopropyltoluene	0.5		0.5	100	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Matrix Spike - Sample No.: 0.5LGPGLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,3-Dichlorobenzene	0.5		0.5	100	60-140
1,4-Dichlorobenzene	0.5		0.5	100	60-140
n-Butylbenzene	0.5		0.5	100	60-140
1,2-Dichlorobenzene	0.5		0.5	100	60-140
1,2-Dibromo-3-Chloropro	0.5		0.5	100	60-140
1,2,4-Trichlorobenzene	0.5		0.5	100	60-140
Hexachlorobutadiene	0.5		0.7	140	60-140
Naphthalene	0.5		0.6	120	60-140
1,2,3-Trichlorobenzene	0.5		0.6	120	60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 4 out of 65 outside limits

COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKW1

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID: LGPB001DV Lab Sample ID: VBLKW1

Date Analyzed: 06/28/96 Time Analyzed: 1832

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LGPDLCS	LGPDLCS	LGP001DQV	1755
02	0.5LGPDLCS	0.5LGPDLCS	LGP002DV	1906
03	AL001	304788	L304788V	2023
04	AL012	304789	L304789V	2056
05	AL011	304790	L304790V	2130
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKW3

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID: LGPB002EV Lab Sample ID: VBLKW3

Date Analyzed: 06/30/96 Time Analyzed: 1628

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LGPELCS	LGPELCS	LGP001EQV	1517
02	0.5LGPELCS	0.5LGPELCS	LGP003EQV	1701
03	AL014	304875	L304875V	2027
04	AL013	304876	L304876V	2101
05	AL010	304877	L304877V	2136
06	AL005	304878	L304878V	2211
07	AL016	304879	L304879V	2246
08	AL015	304880	L304880V	2321
09	AL017	304881	L304881V	2356
10	AL018	304882	L304882V	0031
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COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKW7

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID: LGPB001GV Lab Sample ID: VBLKW7

Date Analyzed: 07/01/96 Time Analyzed: 2207

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LGPGLCS	LGPGLCS	LGP001GQV	2133
02	MBS	MBS	L305068V	2241
03	0.5LGPGLCS	0.5LGPGLCS	LGP002GV	2314
04	AL006	304955	L304955V	2348
05	AL019	304956	L304956V	0022
06	AL004	304957	L304957V	0055
07	AL003	304958	L304958V	0129
08	AL002	304959	L304959V	0202
09	AL009	304960	L304950V	0236
10	AL007	304961	L304961V	0311
11	AL008	304962	L304962V	0343
12	MBS	304963	L304963V	0417
13	AL004MS	304957MS	L304957MSV	0633
14	AL004MSD	304957MD	L304957MDV	0707
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COMMENTS:

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID: LGP002PV BFB Injection Date: 06/25/96

Instrument ID: L BFB Injection Time: 0810

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.0
75	30.0 - 60.0% of mass 95	45.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	65.5
175	5.0 - 9.0% of mass 174	4.4 (6.7)1
176	95.0 - 101.0% of mass 174	63.2 (96.6)1
177	5.0 - 9.0% of mass 176	4.2 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	LGP010HV	06/25/96	1012
02	VSTD020	VSTD020	LGP020HV	06/25/96	1042
03	VSTD002	VSTD002	LGP002H2V	06/25/96	1257
04	VSTD005	VSTD005	LGP005H2V	06/25/96	1356
05	VSTD030	VSTD030	LGP030H2V	06/25/96	1447
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5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID: LGP006PV BFB Injection Date: 06/28/96

Instrument ID: L BFB Injection Time: 1658

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	45.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	64.7
175	5.0 - 9.0% of mass 174	4.5 (6.9)1
176	95.0 - 101.0% of mass 174	61.8 (95.4)1
177	5.0 - 9.0% of mass 176	4.9 (8.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	LGP010DHV	06/28/96	1714
02	LGPDLCS	LGPDLCS	LGP001DQV	06/28/96	1755
03	VBLKW1	VBLKW1	LGPB001DV	06/28/96	1832
04	0.5LGPDLCS	0.5LGPDLCS	LGP002DV	06/28/96	1906
05	AL001	304788	L304788V	06/28/96	2023
06	AL012	304789	L304789V	06/28/96	2056
07	AL011	304790	L304790V	06/28/96	2130
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5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID: LGP007PV BFB Injection Date: 06/30/96

Instrument ID: L BFB Injection Time: 1408

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	48.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	62.0
175	5.0 - 9.0% of mass 174	4.3 (7.0)1
176	95.0 - 101.0% of mass 174	60.2 (97.0)1
177	5.0 - 9.0% of mass 176	4.3 (7.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	LGP010EHV	06/30/96	1426
02	LGPELCS	LGPELCS	LGP001EQV	06/30/96	1517
03	VBLKW3	VBLKW3	LGPB002EV	06/30/96	1628
04	0.5LGPELCS	0.5LGPELCS	LGP003EQV	06/30/96	1701
05	AL014	304875	L304875V	06/30/96	2027
06	AL013	304876	L304876V	06/30/96	2101
07	AL010	304877	L304877V	06/30/96	2136
08	AL005	304878	L304878V	06/30/96	2211
09	AL016	304879	L304879V	06/30/96	2246
10	AL015	304880	L304880V	06/30/96	2321
11	AL017	304881	L304881V	06/30/96	2356
12	AL018	304882	L304882V	07/01/96	0031
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5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID: LGP009PV BFB Injection Date: 07/01/96

Instrument ID: L BFB Injection Time: 2026

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	48.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	59.1
175	5.0 - 9.0% of mass 174	4.3 (7.2)1
176	95.0 - 101.0% of mass 174	56.8 (96.1)1
177	5.0 - 9.0% of mass 176	3.8 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	LGP010GHV	07/01/96	2033
02	LGPGLCS	LGPGLCS	LGP001GQV	07/01/96	2133
03	VBLKW7	VBLKW7	LGPB001GV	07/01/96	2207
04	MBS	MBS	L305068V	07/01/96	2241
05	0.5LGPGLCS	0.5LGPGLCS	LGP002GV	07/01/96	2314
06	AL006	304955	L304955V	07/01/96	2348
07	AL019	304956	L304956V	07/02/96	0022
08	AL004	304957	L304957V	07/02/96	0055
09	AL003	304958	L304958V	07/02/96	0129
10	AL002	304959	L304959V	07/02/96	0202
11	AL009	304960	L304950V	07/02/96	0236
12	AL007	304961	L304961V	07/02/96	0311
13	AL008	304962	L304962V	07/02/96	0343
14	MBS	304963	L304963V	07/02/96	0417
15	AL004MS	304957MS	L304957MSV	07/02/96	0633
16	AL004MSD	304957MD	L304957MDV	07/02/96	0707
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6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Calibration Time(s): 1012 1447

GC Column: CAP ID: 0.53 (mm)

LAB FILE ID: RRF2 =LGP002H2V RRF5 =LGP005H2V
RRF10 =LGP010HV RRF20 =LGP020HV RRF30 =LGP030H2V

COMPOUND	RRF2	RRF5	RRF10	RRF20	RRF30	$\overline{RRF}$	% RSD
Dichlorodifluoromethane *	0.452	0.501	0.486	0.486	0.514	0.488	4.7*
Chloromethane *	0.276	0.287	0.280	0.275	0.292	0.282	2.6*
Vinyl Chloride *	0.276	0.299	0.298	0.296	0.321	0.298	5.3*
Bromomethane *	0.264	0.238	0.212	0.199	0.224	0.227	10.9*
Chloroethane *	0.173	0.185	0.129	0.122	0.131	0.148	19.5*
Trichlorofluoromethane *	0.487	0.541	0.536	0.478	0.388	0.486	12.6*
Acetone *	0.048	0.049	0.047	0.051	0.041	0.047	7.9*
1,1-Dichloroethene *	0.242	0.275	0.266	0.269	0.279	0.266	5.5*
trans-1,2-Dichloroethene *	0.269	0.286	0.285	0.287	0.292	0.284	3.0*
Carbon Disulfide *	0.868	0.949	0.930	0.912	0.974	0.927	4.3*
Methylene Chloride *	0.263	0.283	0.276	0.286	0.287	0.279	3.5*
1,1-Dichloroethane *	0.526	0.574	0.562	0.555	0.580	0.559	3.8*
cis-1,2-Dichloroethene *	0.299	0.325	0.318	0.329	0.330	0.320	4.0*
2-Butanone *	0.020	0.021	0.025	0.028	0.021	0.023	13.8*
2,2-Dichloropropane *	0.520	0.555	0.531	0.521	0.549	0.535	3.0*
Chloroform *	0.588	0.628	0.625	0.632	0.651	0.625	3.7*
Bromochloromethane *	0.196	0.210	0.208	0.217	0.218	0.210	4.2*
1,1,1-Trichloroethane *	0.482	0.522	0.517	0.520	0.543	0.517	4.3*
1,1-Dichloropropene *	0.450	0.489	0.491	0.483	0.503	0.483	4.2*
Carbon Tetrachloride *	0.466	0.503	0.508	0.514	0.533	0.505	4.9*
1,2-Dichloroethane *	0.330	0.352	0.345	0.372	0.353	0.350	4.3*
Benzene *	0.976	0.982	0.987	1.005	1.014	0.993	1.6*
Trichloroethene *	0.356	0.374	0.373	0.374	0.384	0.372	2.7*
1,2-Dichloropropane *	0.361	0.386	0.385	0.400	0.399	0.386	4.1*
Bromodichloromethane *	0.588	0.619	0.628	0.651	0.649	0.627	4.1*
Dibromomethane *	0.276	0.288	0.296	0.321	0.299	0.296	5.7*
4-Methyl-2-Pentanone *	0.274	0.284	0.299	0.341	0.275	0.295	9.5*
cis-1,3-Dichloropropene *	0.549	0.567	0.574	0.600	0.590	0.576	3.5*
Toluene *	0.555	0.614	0.605	0.610	0.629	0.603	4.7*
trans-1,3-Dichloropropene *	0.466	0.471	0.488	0.524	0.492	0.488	4.7*
1,1,2-Trichloroethane *	0.267	0.275	0.283	0.305	0.282	0.282	5.0*
2-Hexanone *	0.328	0.233	0.266	0.279	0.190	0.259	19.8*
1,3-Dichloropropane *	0.546	0.548	0.568	0.595	0.562	0.564	3.5*
Tetrachloroethene *	0.408	0.457	0.453	0.456	0.474	0.450	5.5*
Dibromochloromethane *	0.652	0.667	0.698	0.766	0.698	0.696	6.3*
1,2-Dibromoethane *	0.520	0.513	0.545	0.616	0.531	0.545	7.6*
Chlorobenzene *	0.902	0.941	0.932	0.985	0.960	0.944	3.3*

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Calibration Time(s): 1012 1447

GC Column: CAP ID: 0.53 (mm)

LAB FILE ID: RRF2 =LGP002H2V RRF5 =LGP005H2V
RRF10 =LGP010HV RRF20 =LGP020HV RRF30 =LGP030H2V

COMPOUND	RRF2	RRF5	RRF10	RRF20	RRF30	$\overline{RRF}$	% RSD
1,1,1,2-Tetrachloroethane *	0.525	0.516	0.542	0.576	0.540	0.540	4.3*
Ethylbenzene *	1.500	1.555	1.568	1.608	1.607	1.568	2.8*
Xylene (total) *	0.522	0.528	0.550	0.574	0.566	0.548	4.2*
Styrene *	0.863	0.918	0.935	0.971	0.953	0.928	4.4*
Bromoform *	0.425	0.436	0.478	0.531	0.461	0.466	9.0*
Isopropylbenzene *	1.499	1.569	1.582	1.623	1.635	1.582	3.4*
1,1,2,2-Tetrachloroethane *	0.618	0.619	0.661	0.747	0.622	0.653	8.5*
1,2,3-Trichloropropane *	0.460	0.431	0.457	0.510	0.428	0.457	7.2*
Bromobenzene *	0.521	0.518	0.528	0.577	0.544	0.538	4.5*
n-Propylbenzene *	0.415	0.444	0.454	0.462	0.468	0.449	4.6*
2-Chlorotoluene *	0.396	0.424	0.432	0.446	0.444	0.428	4.7*
1,3,5-Trimethylbenzene *	1.131	1.176	1.171	1.218	1.204	1.180	2.9*
4-Chlorotoluene *	0.414	0.424	0.430	0.453	0.441	0.432	3.5*
tert-Butylbenzene *	1.311	1.364	1.396	1.415	1.427	1.383	3.4*
1,2,4-Trimethylbenzene *	1.116	1.189	1.170	1.212	1.211	1.180	3.4*
sec-Butylbenzene *	1.689	1.779	1.782	1.812	1.840	1.780	3.2*
p-Isopropyltoluene *	1.451	1.521	1.524	1.540	1.564	1.520	2.8*
1,3-Dichlorobenzene *	0.892	0.924	0.942	0.968	0.952	0.936	3.1*
1,4-Dichlorobenzene *	0.946	0.947	0.962	1.023	0.983	0.972	3.3*
n-Butylbenzene *	1.386	1.459	1.437	1.439	1.484	1.441	2.5*
1,2-Dichlorobenzene *	0.793	0.829	0.827	0.892	0.845	0.837	4.3*
1,2-Dibromo-3-Chloropropane *	0.145	0.139	0.147	0.163	0.132	0.145	7.8*
1,2,4-Trichlorobenzene *	0.641	0.636	0.647	0.697	0.656	0.655	3.7*
Hexachlorobutadiene *	0.487	0.477	0.482	0.474	0.500	0.484	2.2*
Naphthalene *	1.142	1.039	1.117	1.309	1.088	1.139	9.0*
1,2,3-Trichlorobenzene *	0.575	0.568	0.578	0.631	0.587	0.588	4.3*
1,2-Dichloroethane-d4 *	0.329	0.297	0.310	0.328	0.310	0.315	4.4*
Bromofluorobenzene *	0.814	0.769	0.779	0.803	0.804	0.794	2.4*
1,2-Dichlorobenzene-d4 *	0.558	0.506	0.518	0.558	0.540	0.536	4.4*

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date: 06/28/96 Time: 1714

Lab File ID: LGP010DHV Init. Calib. Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Init. Calib. Times: 1012 1447

GC Column: CAP ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.488	0.493	0.050	1.0	30.0
Chloromethane	0.282	0.280	0.192	0.7	30.0
Vinyl Chloride	0.298	0.308	0.050	3.4	30.0
Bromomethane	0.227	0.230	0.050	1.3	30.0
Chloroethane	0.148	0.131	0.050	11.5	30.0
Trichlorofluoromethane	0.486	0.536	0.050	10.3	30.0
Acetone	0.047	0.049	0.020	4.2	30.0
1,1-Dichloroethene	0.266	0.276	0.050	3.8	30.0
trans-1,2-Dichloroethene	0.284	0.278	0.050	2.1	30.0
Carbon Disulfide	0.927	0.932	0.050	0.5	30.0
Methylene Chloride	0.279	0.288	0.050	3.2	30.0
1,1-Dichloroethane	0.559	0.555	0.300	0.7	30.0
cis-1,2-Dichloroethene	0.320	0.327	0.050	2.2	30.0
2-Butanone	0.023	0.024	0.020	4.3	30.0
2,2-Dichloropropane	0.535	0.529	0.050	1.1	30.0
Chloroform	0.625	0.623	0.050	0.3	30.0
Bromochloromethane	0.210	0.218	0.050	3.8	30.0
1,1,1-Trichloroethane	0.517	0.512	0.050	1.0	30.0
1,1-Dichloropropene	0.483	0.488	0.050	1.0	30.0
Carbon Tetrachloride	0.505	0.505	0.050	0.0	30.0
1,2-Dichloroethane	0.350	0.346	0.050	1.1	30.0
Benzene	0.993	0.990	0.050	0.3	30.0
Trichloroethene	0.372	0.379	0.050	1.9	30.0
1,2-Dichloropropane	0.386	0.385	0.050	0.2	30.0
Bromodichloromethane	0.627	0.640	0.050	2.1	30.0
Dibromomethane	0.296	0.304	0.050	2.7	30.0
4-Methyl-2-Pentanone	0.295	0.295	0.020	0.0	30.0
cis-1,3-Dichloropropene	0.576	0.580	0.050	0.7	30.0
Toluene	0.603	0.607	0.050	0.7	30.0
trans-1,3-Dichloropropene	0.488	0.490	0.050	0.4	30.0
1,1,2-Trichloroethane	0.282	0.299	0.050	6.0	30.0
2-Hexanone	0.259	0.204	0.020	21.2	30.0
1,3-Dichloropropane	0.564	0.573	0.050	1.6	30.0
Tetrachloroethene	0.450	0.467	0.050	3.8	30.0
Dibromochloromethane	0.696	0.698	0.050	0.3	30.0
1,2-Dibromoethane	0.545	0.544	0.050	0.2	30.0
Chlorobenzene	0.944	0.934	0.300	1.0	30.0

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date: 06/28/96 Time: 1714

Lab File ID: LGP010DHV Init. Calib. Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Init. Calib. Times: 1012 1447

GC Column: CAP ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
1,1,1,2-Tetrachloroethane	0.540	0.531	0.050	1.7	30.0
Ethylbenzene	1.568	1.560	0.050	0.5	30.0
Xylene (total)	0.548	0.547	0.050	0.2	30.0
Styrene	0.928	0.937	0.050	1.0	30.0
Bromoform	0.466	0.477	0.250	2.4	30.0
Isopropylbenzene	1.582	1.571	0.050	0.7	30.0
1,1,2,2-Tetrachloroethane	0.653	0.661	0.300	1.2	30.0
1,2,3-Trichloropropane	0.457	0.460	0.050	0.6	30.0
Bromobenzene	0.538	0.555	0.050	3.2	30.0
n-Propylbenzene	0.449	0.447	0.050	0.4	30.0
2-Chlorotoluene	0.428	0.433	0.050	1.2	30.0
1,3,5-Trimethylbenzene	1.180	1.171	0.050	0.8	30.0
4-Chlorotoluene	0.432	0.439	0.050	1.6	30.0
tert-Butylbenzene	1.383	1.387	0.050	0.3	30.0
1,2,4-Trimethylbenzene	1.180	1.178	0.050	0.2	30.0
sec-Butylbenzene	1.780	1.788	0.050	0.4	30.0
p-Isopropyltoluene	1.520	1.505	0.050	1.0	30.0
1,3-Dichlorobenzene	0.936	0.960	0.050	2.6	30.0
1,4-Dichlorobenzene	0.972	1.013	0.050	4.2	30.0
n-Butylbenzene	1.441	1.422	0.050	1.3	30.0
1,2-Dichlorobenzene	0.837	0.891	0.050	6.4	30.0
1,2-Dibromo-3-Chloropropane	0.145	0.143	0.020	1.4	30.0
1,2,4-Trichlorobenzene	0.655	0.656	0.050	0.2	30.0
Hexachlorobutadiene	0.484	0.466	0.050	3.7	30.0
Naphthalene	1.139	1.195	0.050	4.9	30.0
1,2,3-Trichlorobenzene	0.588	0.585	0.050	0.5	30.0
1,2-Dichloroethane-d4	0.315	0.282	0.050	10.5	30.0
Bromofluorobenzene	0.794	0.767	0.050	3.4	30.0
1,2-Dichlorobenzene-d4	0.536	0.540	0.050	0.7	30.0

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date: 06/30/96 Time: 1426

Lab File ID: LGP010EHV Init. Calib. Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Init. Calib. Times: 1012 1447

GC Column: CAP ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.488	0.470	0.050	3.7	30.0
Chloromethane	0.282	0.280	0.192	0.7	30.0
Vinyl Chloride	0.298	0.301	0.050	1.0	30.0
Bromomethane	0.227	0.220	0.050	3.1	30.0
Chloroethane	0.148	0.126	0.050	14.9	30.0
Trichlorofluoromethane	0.486	0.521	0.050	7.2	30.0
Acetone	0.047	0.046	0.020	2.1	30.0
1,1-Dichloroethene	0.266	0.263	0.050	1.1	30.0
trans-1,2-Dichloroethene	0.284	0.281	0.050	1.0	30.0
Carbon Disulfide	0.927	0.897	0.050	3.2	30.0
Methylene Chloride	0.279	0.288	0.050	3.2	30.0
1,1-Dichloroethane	0.559	0.579	0.300	3.6	30.0
cis-1,2-Dichloroethene	0.320	0.320	0.050	0.0	30.0
2-Butanone	0.023	0.023	0.020	0.0	30.0
2,2-Dichloropropane	0.535	0.520	0.050	2.8	30.0
Chloroform	0.625	0.656	0.050	5.0	30.0
Bromochloromethane	0.210	0.216	0.050	2.8	30.0
1,1,1-Trichloroethane	0.517	0.506	0.050	2.1	30.0
1,1-Dichloropropene	0.483	0.486	0.050	0.6	30.0
Carbon Tetrachloride	0.505	0.506	0.050	0.2	30.0
1,2-Dichloroethane	0.350	0.371	0.050	6.0	30.0
Benzene	0.993	1.001	0.050	0.8	30.0
Trichloroethene	0.372	0.375	0.050	0.8	30.0
1,2-Dichloropropane	0.386	0.405	0.050	4.9	30.0
Bromodichloromethane	0.627	0.656	0.050	4.6	30.0
Dibromomethane	0.296	0.309	0.050	4.4	30.0
4-Methyl-2-Pentanone	0.295	0.300	0.020	1.7	30.0
cis-1,3-Dichloropropene	0.576	0.612	0.050	6.2	30.0
Toluene	0.603	0.601	0.050	0.3	30.0
trans-1,3-Dichloropropene	0.488	0.513	0.050	5.1	30.0
1,1,2-Trichloroethane	0.282	0.294	0.050	4.2	30.0
2-Hexanone	0.259	0.199	0.020	23.2	30.0
1,3-Dichloropropane	0.564	0.594	0.050	5.3	30.0
Tetrachloroethene	0.450	0.438	0.050	2.7	30.0
Dibromochloromethane	0.696	0.730	0.050	4.9	30.0
1,2-Dibromoethane	0.545	0.566	0.050	3.8	30.0
Chlorobenzene	0.944	0.952	0.300	0.8	30.0

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date: 06/30/96 Time: 1426

Lab File ID: LGP010EHV Init. Calib. Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Init. Calib. Times: 1012 1447

GC Column: CAP ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
1,1,1,2-Tetrachloroethane	0.540	0.562	0.050	4.1	30.0
Ethylbenzene	1.568	1.567	0.050	0.1	30.0
Xylene (total)	0.548	0.551	0.050	0.5	30.0
Styrene	0.928	0.966	0.050	4.1	30.0
Bromoform	0.466	0.479	0.250	2.8	30.0
Isopropylbenzene	1.582	1.567	0.050	0.9	30.0
1,1,2,2-Tetrachloroethane	0.653	0.684	0.300	4.7	30.0
1,2,3-Trichloropropane	0.457	0.457	0.050	0.0	30.0
Bromobenzene	0.538	0.552	0.050	2.6	30.0
n-Propylbenzene	0.449	0.444	0.050	1.1	30.0
2-Chlorotoluene	0.428	0.432	0.050	0.9	30.0
1,3,5-Trimethylbenzene	1.180	1.169	0.050	0.9	30.0
4-Chlorotoluene	0.432	0.442	0.050	2.3	30.0
tert-Butylbenzene	1.383	1.377	0.050	0.4	30.0
1,2,4-Trimethylbenzene	1.180	1.179	0.050	0.1	30.0
sec-Butylbenzene	1.780	1.729	0.050	2.9	30.0
p-Isopropyltoluene	1.520	1.475	0.050	3.0	30.0
1,3-Dichlorobenzene	0.936	0.937	0.050	0.1	30.0
1,4-Dichlorobenzene	0.972	0.958	0.050	1.4	30.0
n-Butylbenzene	1.441	1.413	0.050	1.9	30.0
1,2-Dichlorobenzene	0.837	0.846	0.050	1.1	30.0
1,2-Dibromo-3-Chloropropane	0.145	0.151	0.020	4.1	30.0
1,2,4-Trichlorobenzene	0.655	0.640	0.050	2.3	30.0
Hexachlorobutadiene	0.484	0.431	0.050	11.0	30.0
Naphthalene	1.139	1.192	0.050	4.6	30.0
1,2,3-Trichlorobenzene	0.588	0.576	0.050	2.0	30.0
1,2-Dichloroethane-d4	0.315	0.316	0.050	0.3	30.0
Bromofluorobenzene	0.794	0.756	0.050	4.8	30.0
1,2-Dichlorobenzene-d4	0.536	0.497	0.050	7.3	30.0

All other compounds must meet a minimum RRF of 0.010.

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date: 07/01/96 Time: 2033

Lab File ID: LGP010GHV Init. Calib. Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Init. Calib. Times: 1012 1447

GC Column: CAP ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.488	0.466	0.050	4.5	30.0
Chloromethane	0.282	0.299	0.192	6.0	30.0
Vinyl Chloride	0.298	0.320	0.050	7.4	30.0
Bromomethane	0.227	0.209	0.050	7.9	30.0
Chloroethane	0.148	0.153	0.050	3.4	30.0
Trichlorofluoromethane	0.486	0.556	0.050	14.4	30.0
Acetone	0.047	0.054	0.020	14.9	30.0
1,1-Dichloroethene	0.266	0.262	0.050	1.5	30.0
trans-1,2-Dichloroethene	0.284	0.275	0.050	3.2	30.0
Carbon Disulfide	0.927	0.938	0.050	1.2	30.0
Methylene Chloride	0.279	0.284	0.050	1.8	30.0
1,1-Dichloroethane	0.559	0.609	0.300	8.9	30.0
cis-1,2-Dichloroethene	0.320	0.314	0.050	1.9	30.0
2-Butanone	0.023	0.023	0.020	0.0	30.0
2,2-Dichloropropane	0.535	0.522	0.050	2.4	30.0
Chloroform	0.625	0.662	0.050	5.9	30.0
Bromochloromethane	0.210	0.200	0.050	4.8	30.0
1,1,1-Trichloroethane	0.517	0.530	0.050	2.5	30.0
1,1-Dichloropropene	0.483	0.500	0.050	3.5	30.0
Carbon Tetrachloride	0.505	0.520	0.050	3.0	30.0
1,2-Dichloroethane	0.350	0.381	0.050	8.8	30.0
Benzene	0.993	0.995	0.050	0.2	30.0
Trichloroethene	0.372	0.373	0.050	0.3	30.0
1,2-Dichloropropane	0.386	0.416	0.050	7.8	30.0
Bromodichloromethane	0.627	0.646	0.050	3.0	30.0
Dibromomethane	0.296	0.299	0.050	1.0	30.0
4-Methyl-2-Pentanone	0.295	0.311	0.020	5.4	30.0
cis-1,3-Dichloropropene	0.576	0.578	0.050	0.3	30.0
Toluene	0.603	0.608	0.050	0.8	30.0
trans-1,3-Dichloropropene	0.488	0.488	0.050	0.0	30.0
1,1,2-Trichloroethane	0.282	0.282	0.050	0.0	30.0
2-Hexanone	0.259	0.220	0.020	15.0	30.0
1,3-Dichloropropane	0.564	0.575	0.050	2.0	30.0
Tetrachloroethene	0.450	0.413	0.050	8.2	30.0
Dibromochloromethane	0.696	0.688	0.050	1.1	30.0
1,2-Dibromoethane	0.545	0.543	0.050	0.4	30.0
Chlorobenzene	0.944	0.961	0.300	1.8	30.0

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Instrument ID: L Calibration Date: 07/01/96 Time: 2033

Lab File ID: LGP010GHV Init. Calib. Date(s): 06/25/96 06/25/96

Heated Purge: (Y/N) N Init. Calib. Times: 1012 1447

GC Column: CAP ID: 0.53 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
1,1,1,2-Tetrachloroethane	0.540	0.521	0.050	3.5	30.0
Ethylbenzene	1.568	1.621	0.050	3.4	30.0
Xylene (total)	0.548	0.568	0.050	3.6	30.0
Styrene	0.928	0.967	0.050	4.2	30.0
Bromoform	0.466	0.432	0.250	7.3	30.0
Isopropylbenzene	1.582	1.656	0.050	4.7	30.0
1,1,2,2-Tetrachloroethane	0.653	0.671	0.300	2.8	30.0
1,2,3-Trichloropropane	0.457	0.476	0.050	4.2	30.0
Bromobenzene	0.538	0.512	0.050	4.8	30.0
n-Propylbenzene	0.449	0.467	0.050	4.0	30.0
2-Chlorotoluene	0.428	0.440	0.050	2.8	30.0
1,3,5-Trimethylbenzene	1.180	1.228	0.050	4.1	30.0
4-Chlorotoluene	0.432	0.440	0.050	1.8	30.0
tert-Butylbenzene	1.383	1.456	0.050	5.3	30.0
1,2,4-Trimethylbenzene	1.180	1.229	0.050	4.2	30.0
sec-Butylbenzene	1.780	1.862	0.050	4.6	30.0
p-Isopropyltoluene	1.520	1.590	0.050	4.6	30.0
1,3-Dichlorobenzene	0.936	0.910	0.050	2.8	30.0
1,4-Dichlorobenzene	0.972	0.935	0.050	3.8	30.0
n-Butylbenzene	1.441	1.492	0.050	3.5	30.0
1,2-Dichlorobenzene	0.837	0.820	0.050	2.0	30.0
1,2-Dibromo-3-Chloropropane	0.145	0.149	0.020	2.8	30.0
1,2,4-Trichlorobenzene	0.655	0.626	0.050	4.4	30.0
Hexachlorobutadiene	0.484	0.445	0.050	8.0	30.0
Naphthalene	1.139	1.184	0.050	4.0	30.0
1,2,3-Trichlorobenzene	0.588	0.565	0.050	3.9	30.0
1,2-Dichloroethane-d4	0.315	0.293	0.050	7.0	30.0
Bromofluorobenzene	0.794	0.728	0.050	8.3	30.0
1,2-Dichlorobenzene-d4	0.536	0.440	0.050	17.9	30.0

All other compounds must meet a minimum RRF of 0.010.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID (Standard): LGP010DHV Date Analyzed: 06/28/96

Instrument ID: L Time Analyzed: 1714

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1(DCB) AREA	#	RT	#	IS2 AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
	12 HOUR STD	82309		21.72		137272		9.67		114683		15.96	
	UPPER LIMIT	164618		22.22		274544		10.17		229366		16.46	
	LOWER LIMIT	41155		21.22		68636		9.17		57342		15.46	
	EPA SAMPLE NO.												
01	LGPDLCS	79538		21.71		143969		9.68		114675		15.95	
02	VBLKW1	81681		21.70		152794		9.68		124127		15.95	
03	0.5LGPDLCS	79636		21.70		144473		9.68		117515		15.95	
04	AL001	74942		21.70		140612		9.68		112390		15.95	
05	AL012	72554		21.70		130924		9.68		103865		15.95	
06	AL011	76445		21.70		139490		9.68		113197		15.95	
07													
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 = Fluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID (Standard): LGP010EHV Date Analyzed: 06/30/96

Instrument ID: L Time Analyzed: 1426

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1(DCB) AREA #	RT #	IS2 AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	81648	21.71	163110	9.67	130469	15.94
	UPPER LIMIT	163296	22.21	326220	10.17	260938	16.44
	LOWER LIMIT	40824	21.21	81555	9.17	65235	15.44
	EPA SAMPLE NO.						
01	LGPELCS	78241	21.71	157715	9.68	127274	15.95
02	VBLKW3	74105	21.70	149028	9.68	119466	15.95
03	0.5LGPELCS	71405	21.71	145893	9.68	119813	15.95
04	AL014	73106	21.72	147228	9.70	120568	15.97
05	AL013	73749	21.72	150627	9.70	121569	15.97
06	AL010	72994	21.72	147410	9.70	122430	15.97
07	AL005	73481	21.72	148203	9.70	119800	15.97
08	AL016	72401	21.72	150115	9.70	122467	15.97
09	AL015	70736	21.72	148018	9.68	119652	15.97
10	AL017	72376	21.72	148157	9.70	119485	15.97
11	AL018	69584	21.72	144640	9.70	116270	15.99
12							
13							
14							
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16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 = Fluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: INCHCAPE ENVIRONMENTAL Contract: 93206

Lab Code: INCHVT Case No.: OBASH SAS No.: SDG No.: 59240

Lab File ID (Standard): LGP010GHV Date Analyzed: 07/01/96

Instrument ID: L Time Analyzed: 2033

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1(DCB) AREA	#	RT	#	IS2 AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
	12 HOUR STD	70788		21.70		145184		9.67		116238		15.96	
	UPPER LIMIT	141576		22.20		290368		10.17		232476		16.46	
	LOWER LIMIT	35394		21.20		72592		9.17		58119		15.46	
	EPA SAMPLE NO.												
01	VBLKW7	63436		21.70		135244		9.68		109782		15.95	
02	MBS	67456		21.70		140243		9.69		110658		15.96	
03	0.5LGPGLCS	62358		21.70		134399		9.68		110299		15.95	
04	AL006	59242		21.70		129115		9.68		102491		15.95	
05	AL019	62647		21.70		135659		9.68		108764		15.93	
06	AL004	55983		21.70		120855		9.68		101982		15.95	
07	AL003	59458		21.70		129108		9.68		105589		15.95	
08	AL002	56673		21.70		122570		9.68		97787		15.95	
09	AL009	56604		21.70		118808		9.68		95426		15.95	
10	AL007	58542		21.70		127108		9.68		102348		15.95	
11	AL008	55439		21.70		121270		9.68		100563		15.95	
12	AL004MS	61039		21.70		126689		9.67		104009		15.96	
13	AL004MSD	64168		21.71		133591		9.69		107967		15.95	
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 = Fluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.