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**GROUNDWATER MONITORING
VALIDATED ANALYTICAL RESULTS FOR THE THIRD QUARTER 1995
ASH LANDFILL, SENECA ARMY DEPOT**

PREPARED FOR:

U.S. Army Corps of Engineers
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December 1995
D#14

TABLES

Table 1	Groundwater Elevation Data
Table 2	Summary of Validated Volatile Organic Analysis Results

TABLE 1

SENECA ARMY DEPOT ACTIVITY
1995 GROUNDWATER MONITORING PROGRAM
GROUNDWATER ELEVATION DATA

Monitoring Well	Elevation at Top of Riser (MSL)	First Quarter 1995			Second Quarter 1995			Third Quarter 1995		
		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.)
Ash Landfill	681.52				06/05/95	10.4	671.12	09/12/95	10.5	671.02
PT-10	658.22	03/16/95	4.28	653.94	06/05/95	7.2	651.02	09/12/95	8.39	649.83
PT-12	652.15				06/05/95	Destroyed				
PT-15	637.76				06/05/95	8.2	629.56	09/12/95	9.73	628.03
PT-16	637.51				06/05/95	4.68	632.83	09/12/95	5.36	632.15
PT-17	640.14				06/05/95	7.87	632.27	09/12/95	8.66	631.48
PT-18	656.68				06/05/95	8.24	648.44	09/12/95	8.81	647.87
PT-19	645.26	03/17/95	3.1	642.16	06/05/95	6.33	638.93	09/12/95	7.57	637.69
PT-20	647.28				06/05/95	7.69	639.59	09/12/95	8.83	638.45
PT-21	647.73				06/05/95	Destroyed				
PT-22	648.61				06/05/95	8.92	639.69	09/12/95	9.74	638.87
PT-23	641.58				06/05/95	6.95	634.63	09/12/95	7.94	633.64
PT-24	636.4				06/05/95	5.41	630.99	09/12/95	5.64	630.76
PT-25	637.09				06/05/95	7.2	629.89	09/12/95	9.84	627.25
PT-26	614.64				06/05/95	7.02	607.62	09/12/95	N/A	614.64
MW-27	639.32	03/16/95	5.13	634.19	06/05/95	6.85	632.47	09/12/95	6.74	632.58
MW-28	637.21				06/05/95	5.93	631.28	09/12/95	6.12	631.09
MW-29	637.31				06/05/95	7.38	629.93	09/12/95	7.78	629.53
MW-30	640.32	03/17/95	4.1	636.22	06/05/95	Dry		09/12/95	10.42	629.9
MW-31	636.7				06/05/95	6.49	630.21	09/12/95	8.7	628.00
MW-32	641.68				06/05/95	8	633.68	09/12/95	8.9	632.78
MW-33	639.56				06/05/95	8.76	630.8	09/12/95	9.62	629.94
MW-34	632.89				06/05/95	5.93	626.96	09/12/95	8.9	623.99
MW-35D	631.82				06/05/95	4.15	627.67	09/12/95	5.43	626.39
MW-36	631.79	03/16/95	2.34	629.45	06/05/95	4.36	627.43	09/12/95	5.94	625.85
MW-37	632.89	09/23/01			06/05/95	4.58	628.31	09/12/95	5.96	626.93
MW-38D	637.9	09/28/01			06/05/95	5.23	632.67	09/12/95	8.91	628.99
MW-39	659.54	10/20/01			06/05/95	3.96	655.58	09/12/95	5.27	654.27
MW-40	659.3	10/20/01	3.61	655.69	06/05/95	6.48	652.82	09/12/95	7.46	651.84
MW-41D	694.02	11/24/01			06/05/95	8.48	685.54	09/12/95	8.76	685.26
MW-42D	683.04				06/05/95	5.97	677.07	09/12/95	8.34	674.70
MW-43	657.73				06/05/95	4.72	653.01	09/12/95	5.73	652.00
MW-44	653.85				06/05/95	Destroyed				
MW-45	650.9	03/17/95	3.05	647.85	06/05/95	5.26	645.64	09/12/95	6.34	644.56
MW-46	650.41				06/05/95	7.06	643.35	09/12/95	7.96	642.45
MW-47	628.06	03/16/95	2.84	625.22	06/05/95	6.48	621.58	09/12/95	5.96	622.10
MW-48	648.32	03/17/95	3.1	645.22	06/05/95	6.13	642.19	09/12/95	6.86	641.46
MW-49D	650.5				06/05/95	7.1	643.4	09/12/95	7.88	642.62
MW-50D	649.88				06/05/95	6.88	643	09/12/95	7.69	642.19
MW-51D	628.24				06/05/95	6.63	621.61	09/12/95	6.12	622.12
MW-52D	626.35				06/05/95	6.12	620.23	09/12/95	5.68	620.67
MW-53	639.41				06/05/95	8.45	630.96	09/12/95	8.94	630.47
MW-54D	639.11				06/05/95	8.3	630.81	09/12/95	8.76	630.35
MW-55D	639.16				06/05/95	8.18	630.98	09/12/95	8.62	630.54
MW-56	630.51	03/16/95	2.95	627.56	06/05/95	4.14	626.37	09/12/95	4.31	626.20
MW-57D	629.82				06/05/95	3.79	626.03	09/12/95	3.7	626.12
MW-58D	629.69				06/05/95	3.6	626.09	09/12/95	3.52	626.17
MW-59	656.83	03/17/95	1.9	654.93	06/05/95	3.26	653.57	09/12/95	4.58	652.25
MW-60	660.15	03/17/95	2.02	658.13	06/05/95	3.83	656.32	09/12/95	5.33	654.82

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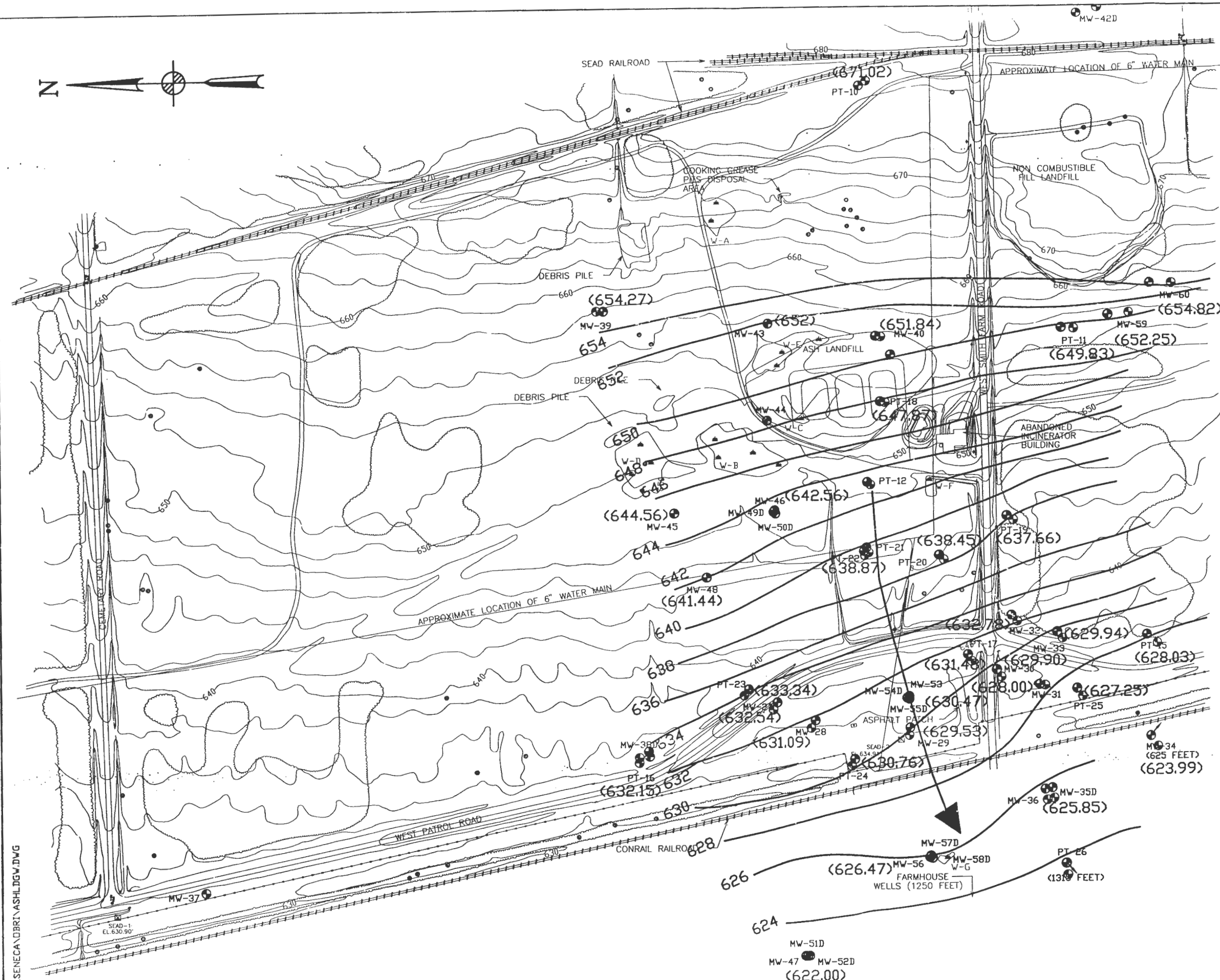


Table 2
ASH Landfill 1995 Third Quarter Groundwater Monitoring
Validated Volatile Organic Analyses Results (Method 824.2)

CAS No.	COMPOUND	MATRIX LOCATION SAMPLE DATE	WATER ASH 09/14/95 BRNS	WATER ASH 09/14/95 BRNS	WATER ASH 09/14/95 FHS	WATER ASH 09/14/95 MW27	WATER ASH 09/14/95 MW27RE	WATER ASH 09/13/95 MW40	WATER ASH 09/13/95 MW40	WATER ASH 09/13/95 MW448	WATER ASH 09/13/95 MW45	WATER ASH 09/14/95 MW4	WATER ASH 09/14/95 MW4
		ES ID	270971	270971	270970	271006	271006	270977	270978	270986	270979	270981	270981
		LAB ID	53766	53766	53766	53766	53766	53766	53766	53766	53766	53766	53766
		SDG NUMBER											
		UNITS											
75-71-8	VOLATILE ORGANICS	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Dichlorodifluoromethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	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	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloromethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-98-4	Trichlorofluoromethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	ug/l	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
75-35-4	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	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	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	0.5 U	0.5 U	0.5 U	0.5 U
75-09-2	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	0.5 U	0.5 U	0.5 U	0.5 U
1834-04-4	Methylt-Buyl Ether	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-34-3	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	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	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	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	ug/l	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
590-20-7	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	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-97-5	Bromochloromethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-8	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	0.5 U	0.5 U	0.5 U	0.5 U
563-58-6	1,1-Dichloropropane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
58-23-5	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	0.5 U	0.5 U	0.5 U	0.5 U
107-08-2	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	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	Benzene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-8	Trichloroethene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-97-5	1,2-Dichloropropane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromochloromethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-95-3	Dibromomethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-10-1	4-Methyl-2-Pentanone	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	ug/l	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
10061-02-6	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	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	ug/l	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
142-28-9	1,3-Dichloropropane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
124-46-1	Dibromochloromethane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-93-4	1,2-Dibromopropane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-90-7	Chlorobenzene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
630-20-8	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	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylene (Total)	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoforn	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
58-82-8	Isopropylbenzene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	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	0.5 U	0.5 U	0.5 U	0.5 U
98-16-4	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	0.5 U	0.5 U	0.5 U	0.5 U
108-88-1	Bromobenzene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
123-65-1	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	0.5 U	0.5 U	0.5 U	0.5 U
95-49-8	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	0.5 U	0.5 U	0.5 U	0.5 U
108-67-8	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	0.5 U	0.5 U	0.5 U	0.5 U
108-43-4	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	0.5 U	0.5 U	0.5 U	0.5 U
98-08-6	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	0.5 U	0.5 U	0.5 U	0.5 U
95-63-6	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	0.5 U	0.5 U	0.5 U	0.5 U
335-96-8	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	0.5 U	0.5 U	0.5 U	0.5 U
59-87-6	Isopropyltoluene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	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	0.5 U	0.5 U	0.5 U	0.5 U
108-46-7	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	0.5 U	0.5 U	0.5 U	0.5 U
104-51-6	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	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	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	0.5 U	0.5 U	0.5 U	0.5 U
98-12-8	1,2-Dibromo-3-Chloropropane	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	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	0.5 U	0.5 U	0.5 U	0.5 U
87-88-3	Hexachlorobutadiene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
91-20-3	Naphthalene	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-8	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	0.5 U	0.5 U	0.5 U	0.5 U

Table 2
ASH Landfill 1995 Third Quarter Groundwater Monitoring
Validated Volatile Organic Analyses Results (Method 524.2)

CAS No.	COMPOUND	MATRIX LOCATION	SAMPLE DATE	WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
				ASH	UNITS	ASH	UNITS	ASH	UNITS	ASH	UNITS	ASH	UNITS	ASH	UNITS	ASH	UNITS	ASH	UNITS
75-71-8	Dichlorodifluoromethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
74-87-3	Chloromethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
74-01-1	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		0.5 U	
74-83-9	Bromomethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
74-80-3	Chloroethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
74-89-4	Trichlorofluoromethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
87-69-1	Acetone	ug/l		3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
75-35-4	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		0.5 U	
186-80-5	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		0.5 U	
75-05-2	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		0.5 U	
1634-04-4	Methyl-t-Butyl Ether	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-34-3	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		0.5 U	
186-35-2	cis-1,2-Dichloroethene	ug/l		0.9 U		0.9 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
78-93-3	2-Butanone	ug/l		3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
580-20-7	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		0.5 U	
97-99-3	Chloroform	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
71-49-5	Bromochloromethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
71-35-6	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		0.5 U	
583-58-6	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		0.5 U	
58-23-5	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		0.5 U	
107-05-2	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		0.5 U	
71-43-2	Benzene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
71-01-6	Trichloroethene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
78-97-5	1,2-Dichloropropane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
71-25-4	Bromodichloromethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
71-55-1	Dibromomethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
106-10-1	4-Methyl-2-Pentanone	ug/l		3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
100-81-3	Toluene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
100-01-5	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		0.5 U	
100-01-6	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		0.5 U	
70-00-0	1,2-Trichloroethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
591-78-9	2-Pentanone	ug/l		3 U		3 U		3 U		3 U		3 U		3 U		3 U		3 U	
127-18-4	Tetrachloroethene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
106-93-4	Dibromodichloromethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
106-90-7	1,2-Dibromomethane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
830-20-6	Chlorobenzene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
100-41-4	Ethylbenzene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
1335-20-7	Xylene (Total)	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
100-42-5	Styrene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
75-25-2	Bromoforn	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
96-52-6	Isopropylbenzene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
79-34-5	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		0.5 U	
98-18-4	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		0.5 U	
108-85-1	Bromobenzene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
103-65-1	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		0.5 U	
108-67-8	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		0.5 U	
108-43-4	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		0.5 U	
98-06-8	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		0.5 U	
95-63-6	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		0.5 U	
135-98-8	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		0.5 U	
98-97-6	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		0.5 U	
541-73-1	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		0.5 U	
104-51-8	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		0.5 U	
95-50-1	1,2-Dibromo-3-Chloropropane	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
98-12-8	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		0.5 U	
120-82-1	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		0.5 U	
87-98-3	Hexachlorobutadiene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
91-20-3	Naphthalene	ug/l		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U		0.5 U	
87-61-6	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		0.5 U	



LEGEND:

⑥ BURNING PAD DESIGNATION

© PAD OR GRID BORING



GROUND CONTOUR AND ELEVATION

W-1 WETLAND & DESIGNATION

(625.85)
 MONITORING WELL & DESIGNATION
 AND MSL ELEVATION DATUM

MW-35D

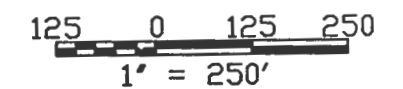
UTILITY POLE
TREE

TREE

BRUSH

GROUNDWATER ELEVATION
CONTOUR
MSL DATUM

GENERAL GROUNDWATER FLOW DIRECTION


$$1' = 250'$$


PARSONS ENGINEERING SCIENCE, INC.

CLIENT/PROJECT TITLE	
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SENECA ARMY DEPOT ACTIVITY
ASH LANDFILL
GROUNDWATER MONITORING PROGRAM

ASH LANDFILL

GROUNDWATER MONITORING PROGRAM

DEPT	ENVIRONMENTAL ENGINEERING
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Dwg. No.
725980-01007

FIGURE 1
GROUNDWATER ELEVATION CONTOUR PLAN
SEPTEMBER 1995

GROUNDWATER ELEVATION CONTOUR PLAN

SEPTEMBER 1995

SCALE 1" = 250'

DATE	NOVEMBER 1995
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REV
A

APPENDIX A

FIELD DATA

Ash Landfill Third Quarter 1995 Groundwater Monitoring Program

1. Groundwater Sampling Forms
2. Chain-of-Custody Forms
3. pH Meter Calibration Forms
4. Groundwater Elevation Report

1. Groundwater Sampling Forms

SAMPLING RECORD - GROUNDWATER											
ENGINEERING - SCIENCE, INC.			CLIENT: USACOE				DATE: 9-17-85				
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KCS/BH					
LOCATION: Ash Landfill						LABORATORY:					
WELL NUMBER: PT-11						CHAIN OF CUSTODY #:					
SCREENED INTERVAL (TOC):						MONITORING		DETECTOR			
						INSTRUMENT		DETECTOR			
						ORM 580		PID			
WELL DIAMETER FACTORS											
DIAMETER (INCHES): 1 1.5 2 3 4 5 6 7 8 9 10 GALLONS/FOOT: 0.041 0.092 0.167 0.367 0.654 1.02 1.47 2.00 2.61 3.30 5.87											
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 8.39						STANDING WATER VOLUME IN WELL (gallons): 1.8					
WELL DEPTH (TOC): 19.52						THREE WELL VOLUMES (gallons):					
FEET OF WATER IN WELL: 12.13						ONE: 1.8		TWO: 3.6		THREE: 5.4	
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 1453						TIME END PURGING:					
TIME:		1456	1459	1505	1530						
DEPTH TO WATER (ft)		14.0 14.5 KCS	15.1	15.2	16.0						
DEPTH TO BOTTOM OPENING OF TEFLON TUBE (TOC)		19.5	15.5	15.5	16.5						
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)		1500/250	125	125	100 ml						
VOLUME OF WATER REMOVED (gals)		1L	0.1 L	0.1 L	.6	Slow well					
TEMPERATURE (deg. C)		17.5	16.5	18.0	17.0	Am temp 80°F					
SPEC. COND (umhos)		875	875	875	850						
PH		7.08	7.10	7.15	7.32						
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE		9-14-85									
TIME		0840									
DEPTH TO WATER (ft)		14.54									
"AFTER PURGE" WATER COLUMN (ft)		4.98									
"STATIC" WATER COLUMN (ft)		11.13									
% RECOVERY		45%									
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

14.0

SAMPLING DEVICE:

[illegible]

QA\QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date:

Volume Transferred to Drum:

Drum Number.

COMMENTS:

SAMPLING RECORD - GROUNDWATER									
ENGINEERING - SCIENCE, INC.			CLIENT: USA COE				DATE: 9-13-95		
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: RES/DH			
LOCATION: Ash Landfill						LABORATORY:			
WELL NUMBER: PT-19						CHAIN OF CUSTODY #:			
SCREENED INTERVAL (TOC):						MONITORING			
						INSTRUMENT			
						DETECTOR			
						OWN			
						PID			
WELL DIAMETER FACTORS									
DIAMETER (INCHES): 1 1.5 2 3 4 5 6 7 8 9 10									
GALLONS/FOOT: 0.041 0.092 0.167 0.367 0.654 1.02 1.47 2.00 2.61 3.30 5.87									
PURGE INFORMATION:									
STATIC DEPTH TO WATER (TOC): 7.60									
STANDING WATER VOLUME IN WELL (gallons): .67									
WELL DEPTH (TOC): 11.7									
THREE WELL VOLUMES (gallons):									
FEET OF WATER IN WELL: 4.1									
ONE: .67 TWO: 1.34 THREE: 2.68									
PURGING WITH A PERISTALTIC PUMP OR BAILER									
(measure indicator parameters at one, two and three well volumes)									
TIME BEGIN PURGING: 1347									
TIME END PURGING: 1410									
TIME	1352	1400	1408						
DEPTH TO WATER (ft)	9.02	9.7	9.8						
DEPTH TO BOTTOM									
OPENING OF									
TEFLON TUBE (TOC)	11.7	10.7	10.5						
FLOW RATE (ml/min.)									
or									
VOL. OF BAILER (gal.)	550	550/300	100 ml						
VOLUME OF WATER									
REMOVED (gals)	.67	.67	.10						
TEMPERATURE (deg. C)	15.5	16.0	17.0						
SPEC. COND (umhos)	700	700	700						
PH	7.09	7.00	7.01						
DEPTH TO WATER MEASUREMENTS AFTER PURGING									
DATE	9-13-95	9-13-95							
TIME	1635	1720							
DEPTH TO WATER (ft)	8.70	8.2							
"AFTER PURGE"									
WATER COLUMN (ft)	3.0	3.5							
"STATIC"									
WATER COLUMN (ft)	4.1	4.1							
% RECOVERY	73%	85%							
Notes:									
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.									
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.									

9.7

SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
UO.C 524:2	1725	40 ml	clear	...

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or ☒ NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO

INVESTIGATION DERIVED WASTE (IDW):

Date:
Volume Transferred to Drum: ☒ ☐
Drum Number: ☒ ☐

COMMENTS:

Silty on bottom - organic material - fibrous

SAMPLING RECORD - GROUNDWATER											
ENGINEERING - SCIENCE, INC.			CLIENT: USACOE				DATE: 9-13-95				
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KS/BH					
LOCATION:						LABORATORY:					
WELL NUMBER: MW-27						CHAIN OF CUSTODY #:					
SCREENED INTERVAL (TOC):						MONITORING					
						INSTRUMENT		DETECTOR			
						0.167		PID			
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.167	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 6.78						STANDING WATER VOLUME IN WELL (gallons): 16					
WELL DEPTH (TOC): 10.52						THREE WELL VOLUMES (gallons):					
FEET OF WATER IN WELL: 3.74						ONE: 1.6		TWO: 1.2		THREE: 1.8	
PURGING WITH A PERISTALTIC PUMP OR BAILER											
(measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 1545						TIME END PURGING: 1624					
TIME	1556	1610	1624								
DEPTH TO WATER (ft)	8.40	8.42	9.0								
DEPTH TO BOTTOM	10.5										
OPENING OF	9.0										
TEFLON TUBE (TOC)		9.0	9.0								
FLOW RATE (ml/min.)	400										
or	100										
VOL. OF BAILER (gal.)		100	100								
VOLUME OF WATER	13	3	125								
REMOVED (gals)											
TEMPERATURE (deg. C)	20	20	20								
SPEC. COND (umhos)	550	600	600								
PH	7.44	7.26	7.30								
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	9-13-95	9-14-95									
TIME	1633	0821									
DEPTH TO WATER (ft)	8.70	8.20									
"AFTER PURGE"											
WATER COLUMN (ft)	1.82	2.32									
"STATIC"											
WATER COLUMN (ft)	3.74	3.74									
% RECOVERY		62%									
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
VOC 524-2	0830	4dml	clear	

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date:				
Volume Transferred to Drum:				
Drum Number:				

COMMENTS:

~~XXXXXX~~ light brown silt - .20 gal
 slurry-like thickness
 .20 gal - still silty - clearing

SAMPLING RECORD - GROUNDWATER											
ENGINEERING - SCIENCE, INC.			CLIENT: USACOE				DATE: 9-13-95				
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR:					
LOCATION: Ash Landfill						LABORATORY:					
WELL NUMBER: MW -30						CHAIN OF CUSTODY #:					
SCREENED INTERVAL (TOC):						MONITORING X					
						INSTRUMENT		DETECTOR			
						OUM		PFD			
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.167	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC):		10.44		STANDING WATER VOLUME IN WELL (gallons):							
WELL DEPTH (TOC):		10.52		THREE WELL VOLUMES (gallons):							
FEET OF WATER IN WELL:		.12		ONE:		TWO:		THREE:			
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING:			TIME END PURGING:								
TIME:											
DEPTH TO WATER (ft)											
DEPTH TO BOTTOM											
OPENING OF											
TEFLON TUBE (TOC)											
FLOW RATE (ml/min.)											
or											
VOL. OF BAILER (gal.)											
VOLUME OF WATER											
REMOVED (gals)											
TEMPERATURE (deg. C)											
SPEC. COND (umhos)											
PH											
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE											
TIME											
DEPTH TO WATER (ft)											
"AFTER PURGE"											
WATER COLUMN (ft)											
"STATIC"											
WATER COLUMN (ft)											
% RECOVERY											
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date:				
Volume Transferred to Drum:				
Drum Number:				

COMMENTS:

SAMPLING RECORD - GROUNDWATER										
ENGINEERING - SCIENCE, INC.				CLIENT: USACOE				DATE: 9-14-95		
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KKS				
LOCATION:						LABORATORY: Aquatec				
						CHAIN OF CUSTODY #:				
WELL NUMBER: MW-36						MONITORING ☒				
SCREENED INTERVAL (TOC):						INSTRUMENT		DETECTOR		
						OVN		PID		
WELL DIAMETER FACTORS										
DIAMETER (INCHES): 1 1.5 2 3 4 5 6 7 8 9 10										
GALLONS/FOOT: 0.041 0.092 0.167 0.367 0.654 1.02 1.47 2.00 2.61 3.30 5.87										
PURGE INFORMATION:										
STATIC DEPTH TO WATER (TOC): 6.08						STANDING WATER VOLUME IN WELL (gallons): 1.7				
WELL DEPTH (TOC): 16.58						THREE WELL VOLUMES (gallons):				
FEET OF WATER IN WELL: 10.5						ONE: 1.7		TWO: 3.4		THREE: 5.1
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)										
TIME BEGIN PURGING: 1037						TIME END PURGING:				
TIME:		1048	1056	1102						
		1037								
		6.64	7.20	7.42						
DEPTH TO WATER (ft)										
DEPTH TO BOTTOM										
OPENING OF										
TEFLON TUBE (TOC)		16.58	120	120						
FLOW RATE (ml/min.)			1560 ml/min							
or										
VOL. OF BAILER (gal.)		660	14M	1560						
VOLUME OF WATER										
REMOVED (gals)		1.7	1.7	1.7						
TEMPERATURE (deg. C)		15	15	15						
SPEC. COND (umhos)		650	700	700						
PH		7.08	7.21	7.28						
DEPTH TO WATER MEASUREMENTS AFTER PURGING										
DATE		9-14-95								
TIME		1115								
DEPTH TO WATER (ft)		6.09								
"AFTER PURGE"										
WATER COLUMN (ft)										
"STATIC"										
WATER COLUMN (ft)										
% RECOVERY		100%								
Notes:										
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.										
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.										

11.33

SAMPLING INFORMATION

SAMPLING DEVICE: *Teflon Bailor*

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
VOC 524.2	1115	40ml	clear	

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or **NO**

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or **NO**

INVESTIGATION DERIVED WASTE (IDW):

Date:

N/A

Volume Transferred to Drum:

--

Drum Number:

--

COMMENTS:

SAMPLING RECORD - GROUNDWATER																																																																																																				
ENGINEERING-SCIENCE, INC.			CLIENT: USACOE				DATE: 9-13-95																																																																																													
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KKS/BH																																																																																														
LOCATION: Ash Landfill						LABORATORY: Aquatic																																																																																														
WELL NUMBER: MW-40						CHAIN OF CUSTODY #:																																																																																														
SCREENED INTERVAL (TOC):						MONITORING																																																																																														
						INSTRUMENT		DETECTOR																																																																																												
						OVM		PID																																																																																												
WELL DIAMETER FACTORS																																																																																																				
DIAMETER (INCHES): 1 1.5 <u>2</u> 3 4 5 6 7 8 9 10 GALLONS/FOOT: 0.041 0.092 0.167 0.367 0.654 1.02 1.47 2.00 2.61 3.30 5.87																																																																																																				
PURGE INFORMATION:																																																																																																				
STATIC DEPTH TO WATER (TOC): 14.71				STANDING WATER VOLUME IN WELL (gallons): 1.2																																																																																																
WELL DEPTH (TOC): 7.47				THREE WELL VOLUMES (gallons):																																																																																																
FEET OF WATER IN WELL: 7.24				ONE: 1.2		TWO: 2.4		THREE: 3.6																																																																																												
PURGING WITH A PERISTALTIC PUMP OR BAILER																																																																																																				
(measure indicator parameters at one, two and three well volumes)																																																																																																				
TIME BEGIN PURGING: 1244				TIME END PURGING: 1300																																																																																																
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SAMPLING INFORMATION

SAMPLING DEVICE: Teflon Bailer

[illegible]

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or (NO)

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or (NO)

INVESTIGATION DERIVED WASTE (IDW):

Date:				
Volume Transferred to Drum:	N/A			
Drum Number:				

COMMENTS:

SAMPLING RECORD - GROUNDWATER											
ENGINEERING - SCIENCE, INC.			CLIENT: USACOE				DATE:				
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KAC/BA					
LOCATION: Ash Landfill						LABORATORY: Aquatic					
WELL NUMBER: MW-45						CHAIN OF CUSTODY #:					
SCREENED INTERVAL (TOC):						MONITORING Q					
						INSTRUMENT		DETECTOR			
						OM 580		PID			
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.167	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 6.34						STANDING WATER VOLUME IN WELL (gallons): .3					
WELL DEPTH (TOC): 8.34						THREE WELL VOLUMES (gallons):					
FEET OF WATER IN WELL: 2.0						ONE: .3		TWO: .6		THREE: .9	
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 1319						TIME END PURGING:					
TIME:	1321	1326	1336								
DEPTH TO WATER (ft)	7.02	7.30	7.30								
DEPTH TO BOTTOM OPENING OF TEFLON TUBE (TOC)	8.3	7.5	7.5								
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)	480ml	480/350	200ml								
VOLUME OF WATER REMOVED (gals)	.3	.3	.3								
TEMPERATURE (deg. C)	18	18	18								
SPEC. COND (umhos)	600	600	600								
PH	7.08	7.09	7.13								
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	9-13-95										
TIME	1423										
DEPTH TO WATER (ft)	6.50										
"AFTER PURGE" WATER COLUMN (ft)	1.84										
"STATIC" WATER COLUMN (ft)	2.0										
% RECOVERY	92%										
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

7.34

SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
VOC 524.2	1430	40-1 VOA	clear	

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or NO

Duplicate Sample Name:

MRD Sample Name: *MD-BS-KK5*

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: ☒ YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date:

<i>N/A</i>			
------------	--	--	--

Volume Transferred to Drum:

<i>N/A</i>			
------------	--	--	--

Drum Number:

<i>N/A</i>			
------------	--	--	--

COMMENTS:

SAMPLING RECORD - GROUNDWATER											
ENGINEERING - SCIENCE, INC.		CLIENT: USACOE			DATE: 9-14-95						
PROJECT: SEAD - 3rd Quarterly Monitoring '95				INSPECTOR: KCS/BH							
LOCATION:				LABORATORY:							
WELL NUMBER: MW-47				CHAIN OF CUSTODY #:							
SCREENED INTERVAL (TOC):				MONITORING ☒							
				INSTRUMENT 0.04m 560							
				DETECTOR PID							
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.167	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 6.06				STANDING WATER VOLUME IN WELL (gallons): .4							
WELL DEPTH (TOC): 8.56				THREE WELL VOLUMES (gallons):							
FEET OF WATER IN WELL: 2.5				ONE: .4 TWO: .8 THREE: 1.2							
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 0947				TIME END PURGING:							
TIME:	0950	0956	1003	1012	1025						
DEPTH TO WATER (ft)	6.48	6.62	7.18	7.10							
DEPTH TO BOTTOM OPENING OF TEFLON TUBE (TOC)	6.06	6.06 / 7.5	7.5	7.5 / 7.9							
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)	200 / 100	180 / 250 KCS	250 / 318	318							
VOLUME OF WATER REMOVED (gals)	.15	.25	.4	.4							
TEMPERATURE (deg. C)	18	18	18	18							
SPEC. COND (umhos)	600	550	550	550							
PH	7.23	7.14	7.09	7.08							
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	9-14-95										
TIME	1025										
DEPTH TO WATER (ft)	6.06										
"AFTER PURGE" WATER COLUMN (ft)											
"STATIC" WATER COLUMN (ft)											
% RECOVERY	100%										
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

7.3

SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
VOC 524.2	1030	40ml	clear	

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or ☒ NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO

INVESTIGATION DERIVED WASTE (IDW):

Date:

--	--	--	--

Volume Transferred to Drum:

N/A			
-----	--	--	--

Drum Number:

--	--	--	--

COMMENTS:

Thick light-brown silt on bottom - cleared in .2 gallons

SAMPLING RECORD - GROUNDWATER											
ENGINEERING - SCIENCE, INC.			CLIENT: USACOE				DATE: 9-13-95				
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KRS/B					
LOCATION: Ash Land fill						LABORATORY:					
WELL NUMBER: MW-48						CHAIN OF CUSTODY #:					
SCREENED INTERVAL (TOC):						MONITORING ☒					
						INSTRUMENT		DETECTOR			
						OVM		PID			
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.167	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 6.88						STANDING WATER VOLUME IN WELL (gallons): .75					
WELL DEPTH (TOC): 11.50						THREE WELL VOLUMES (gallons):					
FEET OF WATER IN WELL: 4.62						ONE: .75		TWO: 1.50		THREE: 2.25	
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING: 1023						TIME END PURGING:					
TIME:	1027	1030	1035	1040							
DEPTH TO WATER (ft)	7.22	7.26	7.26	7.26							
DEPTH TO BOTTOM OPENING OF TEFLON TUBE (TOC)	11.50	8.5	8.5	8.5							
FLOW RATE (ml/min.) or VOL. OF BAILER (gal.)	1L	1L	1L	1L							
VOLUME OF WATER REMOVED (gals)	.75	.75	.75	.75							
TEMPERATURE (deg. C)	17.5	18.0	18.0	18.0							
SPEC. COND (umhos)	600	600	550 600 mcS	600							
PH	6.31	6.60	6.77	6.80							
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	9-13-95										
TIME	1050										
DEPTH TO WATER (ft)	6.88										
"AFTER PURGE" WATER COLUMN (ft)											
"STATIC" WATER COLUMN (ft)											
% RECOVERY	100%										
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

9.2

SAMPLING INFORMATION				
SAMPLING DEVICE: Teflon Butler				
SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
VOC 524.2	1055	40 ml VOA-	clear	N/A-

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or NO

Duplicate Sample Name: MW-448

MRD Sample Name: MW-48 MRD / MW-48 MRD-R

QA/QC RINSATE SAMPLE NAME: MW-48-R

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

Rinse 1045
TB 1000

INVESTIGATION DERIVED WASTE (IDW):

Date:	N/A		
Volume Transferred to Drum:			
Drum Number:			

COMMENTS:

SAMPLING RECORD - GROUNDWATER												
ENGINEERING - SCIENCE, INC.				CLIENT: USACOE				DATE: 9-14-95				
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KKS/BH						
LOCATION:						LABORATORY: Aquatic						
WELL NUMBER: MW-56						CHAIN OF CUSTODY #:						
SCREENED INTERVAL (TOC):						MONITORING ☒						
						INSTRUMENT			DETECTOR			
						OUH 580			PZD			
WELL DIAMETER FACTORS												
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10	
GALLONS/FOOT:	0.041	0.092	0.167	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87	
PURGE INFORMATION:												
STATIC DEPTH TO WATER (TOC):			4.04			STANDING WATER VOLUME IN WELL (gallons): .46						
WELL DEPTH (TOC):			6.88			THREE WELL VOLUMES (gallons):						
FEET OF WATER IN WELL:			2.84			ONE: .46		TWO: .93		THREE: 1.4		
PURGING WITH A PERISTALTIC PUMP OR BAILER												
(measure indicator parameters at one, two and three well volumes)												
TIME BEGIN PURGING:			1132			TIME END PURGING:			1145			
TIME	1135		1141		1145							
DEPTH TO WATER (ft)	4.70		4.88		4.88							
DEPTH TO BOTTOM												
OPENING OF												
TEFLON TUBE (TOC)	6.88		4.00		4.00							
FLOW RATE (ml/min.)												
or												
VOL. OF BAILER (gal.)	480		870		870							
VOLUME OF WATER												
REMOVED (gals)	.5		.5		.5							
TEMPERATURE (deg. C)	17		17		17							
SPEC. COND (umhos)	700		700		700							
PH	7.25		7.16		7.15							
DEPTH TO WATER MEASUREMENTS AFTER PURGING												
DATE	9-14-95											
TIME	1200											
DEPTH TO WATER (ft)	4.04											
"AFTER PURGE"												
WATER COLUMN (ft)												
"STATIC"												
WATER COLUMN (ft)												
% RECOVERY	100%											
Notes:												
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.												
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.												

SAMPLING DEVICE: Teflon Bag, 1 cu

[illegible]

QA\QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES ☐ or ☒ NO

Duplicate Sample Name:

MRD Sample Name:

QA\QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date:			
Volume Transferred to Drum:	N/A		
Drum Number:			

COMMENTS:

SAMPLING RECORD - GROUNDWATER																																																										
ENGINEERING - SCIENCE, INC.				CLIENT: USACOE				DATE: Sept. 19, 1995																																																		
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KKS, AMW																																																				
LOCATION: Ash Landfill						LABORATORY: Aquatec																																																				
WELL NUMBER: MW-59						CHAIN OF CUSTODY #:																																																				
SCREENED INTERVAL (TOC):						MONITORING																																																				
						INSTRUMENT		DETECTOR																																																		
NA						NA																																																				
WELL DIAMETER FACTORS																																																										
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PURGE INFORMATION:																																																										
STATIC DEPTH TO WATER (TOC): 4.87						STANDING WATER VOLUME IN WELL (gallons): 0.835 gal																																																				
WELL DEPTH (TOC): 9.99						THREE WELL VOLUMES (gallons): 2.5																																																				
FEET OF WATER IN WELL: 5.12						ONE: 0.835 TWO: 1.67 THREE: 2.5																																																				
PURGING WITH A PERISTALTIC PUMP OR BAILER (measure indicator parameters at one, two and three well volumes)																																																										
TIME BEGIN PURGING: 10:55						TIME END PURGING: 1113																																																				
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1/2 H₂O column
7.43'
TOC

T. L. L. L. L.

Ash

MW-59

pg 2 of 2

SAMPLING INFORMATION

SAMPLING DEVICE:

bailers

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
3x VOA 524.2	1300	HCl 40 ml Amber	clear	NA
Amur				
Amur				
Amur				
Amur				
Amur				

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED:

YES or

NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED:

YES or

NO

INVESTIGATION DERIVED WASTE (IDW):

NA: Well sampled clean already.

Date:

Volume Transferred to Drum:

Drum Number:

COMMENTS:

Black silt ~~on~~ pumped up from well bottom. Smell of sulfur. Bug.

Pad & protective riser is loose.

SAMPLING RECORD - GROUNDWATER											
ENGINEERING - SCIENCE, INC.			CLIENT: USACOE				DATE: Sept. 19, 1995				
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KKS, AMW					
LOCATION: Ash Landfill						LABORATORY: Aquatec					
WELL NUMBER: MW-600						CHAIN OF CUSTODY #:					
SCREENED INTERVAL (TOC):						MONITORING					
						INSTRUMENT		DETECTOR			
WELL DIAMETER FACTORS											
DIAMETER (INCHES):	1	1.5	2	3	4	5	6	7	8	9	10
GALLONS/FOOT:	0.041	0.092	0.167	0.367	0.654	1.02	1.47	2.00	2.61	3.30	5.87
PURGE INFORMATION:											
STATIC DEPTH TO WATER (TOC): 5.62						STANDING WATER VOLUME IN WELL (gallons): 0.76					
WELL DEPTH (TOC): 10.29						THREE WELL VOLUMES (gallons): 2.28					
FEET OF WATER IN WELL: 4.67						ONE: 0.76		TWO: 1.5		THREE: 2.3	
PURGING WITH A PERISTALTIC PUMP OR BAILER											
(measure indicator parameters at one, two and three well volumes)											
TIME BEGIN PURGING:			1124			TIME END PURGING:			1140		
TIME	1127	1133	1140								
DEPTH TO WATER (ft)	6.85	7.80	7.95								
DEPTH TO BOTTOM OPENING OF TEFLON TUBE (TOC)	16.29	8.29	8.29								
FLOW RATE (ml/min.)											
or											
VOL. OF BAILER (gal.)	660	660	200/100								
VOLUME OF WATER REMOVED (gals)	0.76	1.5 0.76	2.3 0.3								
TEMPERATURE (deg. C)	16	16	16								
SPEC. COND (umhos)	900	900	900								
PH - Model SA 230 SN 1752	6.85	6.91	6.90								
DEPTH TO WATER MEASUREMENTS AFTER PURGING											
DATE	9-19-95										
TIME	1305										
DEPTH TO WATER (ft)	5.75										
"AFTER PURGE" WATER COLUMN (ft)	4.54										
"STATIC" WATER COLUMN (ft)	4.67										
% RECOVERY	98%										
Notes:											
(1) Determine water column in the well (for both "after purge" and "static" conditions) by subtracting the measured water level from the well point.											
(2) Divide the "after purge" water column by the "static" water column and multiply by 100 to determine the percent of recovery for the well.											

1/2 H₂O column = 1.95' (TOC)

Ash

pg 2 of 2

MW-60

SAMPLING INFORMATION																
SAMPLING DEVICE: <i>baulers</i>																
SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)												
<i>3x</i> <i>Voc</i> <i>524.2</i>	<i>1310</i>	<i>HCl</i> <i>40m Amber</i>	<i>clear</i>	<i>NA</i>												
<i>amw</i>	<i>amw</i>	<i>amw</i>	<i>amw</i>	<i>amw</i>												
QA/QC:																
QA/QC DUPLICATE SAMPLE COLLECTED: YES or ☒ NO																
Duplicate Sample Name:																
MRD Sample Name:																
QA/QC RINSATE SAMPLE NAME:																
MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO																
INVESTIGATION DERIVED WASTE (IDW): <i>NA: well already sampled clean.</i>																
Date: <table border="1"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																
Volume Transferred to Drum: <table border="1"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																
Drum Number: <table border="1"><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>																
COMMENTS:																
<i>Slow well.</i>																

SAMPLING RECORD - GROUNDWATER										
ENGINEERING - SCIENCE, INC.			CLIENT: USACOE				DATE: 1-14-95			
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KKS/BW				
LOCATION:						LABORATORY:				
WELL NUMBER: FH-S						CHAIN OF CUSTODY #:				
SCREENED INTERVAL (TOC):						MONITORING				
WELL DIAMETER FACTORS						INSTRUMENT				
DAMETER (INCHES):						DETECTOR				
GALLONS/FOOT:										
PURGE INFORMATION:										
STATIC DEPTH TO WATER (TOC):						STANDING WATER VOLUME IN WELL (gallons):				
WELL DEPTH (TOC):						THREE WELL VOLUMES (gallons):				
FEET OF WATER IN WELL:						ONE: TWO: THREE:				
PURGING WITH A PERISTALTIC PUMP OR BAILER										
(measure indicator parameters at one, two and three well volumes)										
TIME BEGIN PURGING:						TIME END PURGING:				
TIME:										
DEPTH TO WATER (ft)										
DEPTH TO BOTTOM										
OPENING OF										
TEFLON TUBE (TOC)						Ran water until temp stabilized				
FLOW RATE (ml/min.)										
or										
VOL. OF BAILER (gal.)						Tried to minimize running water				
VOLUME OF WATER										
REMOVED (gals)						10 gal/min because of drought.				
TEMPERATURE (deg. C)						18.0 17.5 17.5				
SPEC. COND (umhos)										
PH										
DEPTH TO WATER MEASUREMENTS AFTER PURGING										
DATE										
TIME										
DEPTH TO WATER (ft)										
"AFTER PURGE"										
WATER COLUMN (ft)										
"STATIC"										
WATER COLUMN (ft)										
% RECOVERY										
Notes:										
(1) Determine water column in the well (for both "after purge" and "static" conditions)										
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(2) Divide the "after purge" water column by the "static" water column and multiply by 100										
to determine the percent of recovery for the well.										

SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
VOC 524.6	1155	40 ml	clear	

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or ☒ NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO

INVESTIGATION DERIVED WASTE (IDW):

Date:			
Volume Transferred to Drum:	N/A		
Drum Number:			

COMMENTS:

Took sample from holding tank spigot

SAMPLING RECORD - GROUNDWATER																																		
ENGINEERING - SCIENCE, INC.				CLIENT: USACOE				DATE: 9-14-95																										
PROJECT: SEAD - 3rd Quarterly Monitoring '95						INSPECTOR: KKS/BH																												
LOCATION:						LABORATORY:																												
WELL NUMBER: FH-D						CHAIN OF CUSTODY #:																												
SCREENED INTERVAL (TOC):						MONITORING																												
WELL DIAMETER FACTORS						INSTRUMENT																												
DIAMETER (INCHES):						DETECTOR																												
GALLONS/FOOT:																																		
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PURGE INFORMATION:																																		
STATIC DEPTH TO WATER (TOC):						STANDING WATER VOLUME IN WELL (gallons):																												
WELL DEPTH (TOC):						THREE WELL VOLUMES (gallons):																												
FEET OF WATER IN WELL:						ONE: TWO: THREE:																												
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TIME BEGIN PURGING:						TIME END PURGING:																												
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OPENING OF																																		
TEFLON TUBE (TOC)																																		
FLOW RATE (ml/min.)																																		
or																																		
VOL. OF BAILER (gal.)																																		
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TEMPERATURE (deg. C)																																		
SPEC. COND (umhos)																																		
PH																																		
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WATER COLUMN (ft)																																		
"STATIC"																																		
WATER COLUMN (ft)																																		
% RECOVERY																																		
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SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
V05 524.6	1155	40 ml	clear	

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or NO

INVESTIGATION DERIVED WASTE (IDW):

Date:

Volume Transferred to Drum:

Drum Number:

COMMENTS:

Water bubbly - Sulfur smell

SAMPLING RECORD - GROUNDWATER																																						
ENGINEERING-SCIENCE, INC.				CLIENT: USACOE				DATE: 9-14-95																														
PROJECT: SEAD - 3rd Quarterly Monitoring '95							INSPECTOR:																															
LOCATION:							LABORATORY:																															
WELL NUMBER: BRN-S							CHAIN OF CUSTODY #:																															
SCREENED INTERVAL (TOC):							MONITORING																															
WELL DIAMETER FACTORS							INSTRUMENT																															
DIAMETER (INCHES): 1 1.5 2 3 4 5 6 7 8 9 10 GALLONS/FOOT: 0.041 0.092 0.167 0.367 0.654 1.02 1.47 2.00 2.61 3.30 5.87							DETECTOR																															
PURGE INFORMATION:																																						
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SAMPLING INFORMATION

SAMPLING DEVICE:

SAMPLE PARAMETER	TIME	CONTAINER	COLOR	TURBIDITY SAMPLE TAKEN AFTER (CHECK ONE)
VOC 527.2	1050	40 ml	clear	

QA/QC:

QA/QC DUPLICATE SAMPLE COLLECTED: YES or ☒ NO

Duplicate Sample Name:

MRD Sample Name:

QA/QC RINSATE SAMPLE NAME:

MATRIX SPIKE SAMPLE COLLECTED: YES or ☒ NO

INVESTIGATION DERIVED WASTE (IDW):

Date:

--	--	--	--

 N/A
 Volume Transferred to Drum:

--	--	--	--

 Drum Number:

--	--	--	--

COMMENTS:

2. Chain-of-Custody Forms

SONS

ING-SCIENCE, INC.

Phone: 617-859-2000
Fax: 617-859-2043

CHAIN-OF-CUSTODY RECORD

PAGE 1 OF 1

JOB NO. 725980-01007

LABORATORY Agutec

PROJECT SEAD - 3rd Quarterly Monitoring '95

ADDRESS Colchester, VT

CONTACT Mike Dehesescu

CONTACT Lori Arnold

NO.	LABORATORY SAMPLE NO.	SAMPLING		SAMPLE DEPTH	SAMPLE MATRIX	ANALYSES							NO. OF CONTAINERS	COMMENT (Special instructions, etc.)		
		DATE	TIME			VOA SVOC	METALS	PESTICIDES	CZ	HERB	TPH					
1		9-12-95	1040	N/A	water								1	Mercury		
2		9-12-95	1100										1		1000 Rins	
3		9-12-95	1100										1			
4		9-14-95	0840										1			
5		9-14-95	0830										1			
6		9-13-95	1725			3							3			
7		9-13-95	1610			3							3		Matrix Spike	
8		9-13-95	1430			6							6			
9		9-13-95	1055			3							3			
10		9-13-95	1055			3							3			
11		9-13-95	1045			3							3		Rinsate	
12		9-13-95	1000			3							3		Trip Blank	
Relinquished by		Received by				VOA Vial		X								REMARKS: (Sample nonstandard sample) Note: Metals listed Do not require HNO ₃ preservation added. Mercury Sample HNO ₃ to be added. Cooler #: 894
Sign		Sign				Glass Bottle										
Print		Print				Plastic Bottle										
Firm		Firm				Preservative	A									
Date		Date				Container Volume	40									
Time		Time				PRESERVATION KEY: C - Acidified with HCl A - Ice D - Acidified with HNO ₃ E - Acidified with H ₂ SO ₄ F - NaOH + Ascorbic G - Other										
Time		Time														



Handwritten notes in a cursive script, likely from a ledger or account book. The text is arranged in several columns and rows, with some entries appearing to be dates or numerical values. The handwriting is somewhat faded and difficult to decipher.



Page 12

12-10-1914

12-10-1914

12-10-1914

12-10-1914

12-10-1914

12-10-1914

12-10-1914

12-10-1914

12-10-1914

12-10-1914

Ling # 3-33

CHAIN-OF-CUSTODY RECORD

PAGE 1 OF 1

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

JOB NO. 7255980-01007
 PROJECT SEAD-3rd Quarterly Monitoring '95
 CONTACT Mike Duchesneau

LABORATORY HRD

ADDRESS Ouellet, NB
 CONTACT Sample Custodian

LABORATORY SAMPLE NO.	SAMPLING		SAMPLE DEPTH	SAMPLE MATRIX	VOA 5242	METALS THL	ANALYSES				NO. OF CONTAINERS	COMMENTS (Special Instructions, etc.)	
	DATE	TIME					PEST/PCB	CN	HEB	TFH			
RD	9-12-95	1100	N/A	water									
D-R	9-12-95	1040	↓	↓									
3MRD	9-13-95	1000			3								
D-R	9-13-95	1045	↓	↓	3								
MRD	9-13-95	1055	↓	↓	3								
AKS													
Relinquished by <u>[Signature]</u> Received by <u>[Signature]</u> Sign <u>[Signature]</u> Print <u>[Signature]</u> Firm <u>[Signature]</u> Date <u>95</u> Time <u>1245</u> VOA Vial <u>X</u> Glass Bottle Plastic Bottle Preservative Container Volume <u>40 ml</u>													
Preservation Key: C - Acidified with HCl F - NaOH + Ascorbic D - Acidified with HNO₃ G - Other E - Acidified with H₂SO₄													
REMARKS: (Sample nonstandard sample) LIMS #3 Sampling co. For MRD Return cooler Parsons Engineering Cooler #: ES													





3. pH Meter Calibration Forms

C-SEADRIFS.4/QAPP-6.3

Section No. 6Revision No. 1Date 10/29/90Page 3 of 15

pH Meter Calibration Form

3rd Quarterly Monitoring
 Project: RIFS Field Investigation Date: Sept. 19, 1995
 Meter: Orion model SA 230
S.N. 1752

Buffer Solution

	Time (24 hour system)	Meter Reading	7	10	Buffer Temp. °C	z Slope	Operator
Initial Calibration	0930	Unadjusted	7.12	10.08	15		AMW
		Adjusted	7.00	10.00	15		AMW
Intermediate Calibration		Unadjusted					
		Adjusted					
		Unadjusted					
		Adjusted					
		Unadjusted					
		Adjusted					
		Unadjusted					
		Adjusted					
		Unadjusted					
		Adjusted					
		Unadjusted					
		Adjusted					
		Unadjusted					
		Adjusted					
		Unadjusted					
		Adjusted					
Final Calibration		Unadjusted					
		Adjusted					

Intermediate checks may be made with one buffer (unadjusted reading), if readings are within one unit of the standard no calibration adjustment is made, if greater than 0.1 a complete calibration is necessary (adjusted readings), if greater than 0.2 increase frequency of intermediate checks.

Signature: _____

Field Team Leader

Figure 6.1-2
 pH METER CALIBRATION FORM

SOURCE: ESE.

U.S. ARMY CORPS
 OF ENGINEERS
 HUNTSVILLE, ALABAMA



CLIENT _____ JOB NO. _____ SHEET _____ OF _____
 SUBJECT Calibration BY _____ DATE 9-12
 CKD. _____ REVISION _____

9/12/95 0800 pH Meter #1752 adjusted to 7.00 with buffer
 9.83 with 10.00 buffer

Turbidimeter #	9309000003760	<u>Standard</u>	<u>Reading</u>
		48.8	49.3
		5.0	5.4.43

9/13/95 0830 pH Meter #1752 adjusted to 7.00 w/ ^{7.0} buffer
 10.14 w/ 10.0 buffer
 0835 OUM-580B #35383 calibrated w/ 100 span Isobut.
 reading 97 ppm

9/14/95 0724 Turbidimeter #9309000003760 Std. 48.8 / 49.1
 5.0 / 4.49

0735 pH Meter #1752 7.0 Buffer 7.02 Reading
 10.0 Buffer 10.14 Reading

0740 OUM-580B #35383 calibrated w/ 100 span Isobutylene
 Reading 96 ppm

4. Groundwater Elevation Report

GROUNDWATER ELEVATION REPORT

ERGING-SCIENCE, INC.	CLIENT: ACOE	DATE: 9-12-95
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SEAD - 3rd Quarterly Monitoring '95	PROJECT NO: 725980-01007
-------------------------------------	--------------------------

Ash Landfill	INSPECTOR: KES / B H
--------------	----------------------

EQUIPMENT:

COMMENTS:

WATER LEVEL INDICATOR			CORRECTION FACTOR	
INSTRUMENT	MEASURED	INSTALLED	PRODUCT	WELL STATUS / COMMENTS

TIME	DEPTH TO WATER	PRODUCT	CORRECTED WATER LEVEL	MEASURED	INSTALLED	PRODUCT	WELL STATUS / COMMENTS
				POW	POW	SPEC. GRAV.	
150	10.50			46.36			OK Well casing loose
143	8.35			19.55			No pad - protect these casing + riser is sh ¹⁰⁰
12	N/A			13.38			Crushed by heavy equipment. Int. attempted to straighten - riser is crushed
528	9.73			19.50			Good
504	5.36			11.04			Good
555	8.66			11.65			OK
640	8.81			11.70			Good
536	7.57			11.70			Separated or Riser broken at coupling 5' below G.S.
636	8.83			11.80			Good
	N/A			19.46			Previously filled with dirt - IT cleared top of riser - dirt still deep in well - re-develop
628	9.74			11.81			OK
500	7.94			12.06			Good
1600	5.64			11.88			OK
535	9.84			12.03			OK
	N/A			14.00			Airport well - not measured

J.L. DEPTH MEASUREMENTS FROM MARKED LOCATION ON RISER)

GROUNDWATER ELEVATION REPORT

ENGINEERING-SCIENCE, INC.

CLIENT:

DATE: 9-12-95

PROJECT NO:

INSPECTOR: KKS / B H

COMMENTS:

Ash Land Fill

EQUIPMENT:			TIME		REMARKS		WATER LEVEL INDICATOR:			COMMENTS:	
LECTOR	BGD						INSTRUMENT	CORRECTION FACTOR			
TIME	DEPTH TO WATER	PRODUCT	CORRECTED WATER LEVEL	MEASURED POW	INSTALLED POW	PRODUCT SPEC. GRAV.					WELL STATUS / COMMENTS
1512	6.74			10.54							Good
1605	6.12			10.39							Good
1545	7.78			10.54							OK
1548	10.42			10.52							OK
515	8.70			10.34							OK
525	8.90			10.37							Good - No tubing
1525	7.62			10.39							OK - No pad - casing slightly loose
1815	8.90			18.15							OK
1810	5.43			56.64							Pad heaved + cracked Roll #2 Exp
1640	5.94			16.58							OK
1509	5.76			13.62							Roll #2 Pad heaved Exp #1
1700	8.51			32.24							Roll #1 - Exp #16 Pad heaved .20' - Broken up around
1600	5.27			11.89							Roll #2 Pad heaved Exp #2
1425	7.46			14.71							Pad heaved .40'
	8.76			47.02							OK

ALL DEPTH MEASUREMENTS FROM MARKED LOCATION ON RISER)

MICHAEL DEMS\GWRPT.WK3

GROUNDWATER ELEVATION REPORT

ENGINEERING-SCIENCE, INC.

CLIENT:

DATE:

9-12-95

PROJECT NO:

INSPECTOR:

COMMENTS:

EQUIPMENT:

WATER LEVEL INDICATOR:

INSTRUMENT

CORRECTION FACTOR

REMARKS

TIME

BOD

EQUIPMENT:

WELL STATUS / COMMENTS

Leak? Well #? Surface Disturbance? Riser marked? Condition of riser, concrete, protective

PRODUCT
SPEC. GRAY.INSTALLED
POWMEASURED
POWCORRECTED
WATER LEVELDEPTH TO
PRODUCT

WATER

TIME

47.38

7.47

N/A

8.34

11.45

8.56

11.50

37.54

59.66

36.87

59.36

10.35

34.99

58.18

6.88

N/A

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8.94

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4.31

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4.31

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APPENDIX B

1. Sample Delivery Group No. 53766

A. Volatile Organics QA/QC Data

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (BFB) #	SMC3 (DCB) #	OTHER	TOT OUT
01	LFBLDUJ	99	97	97		0
02	VBLKM7	92	92	86		0
03	MW59	98	92	90		0
04	MW60	92	91	87		0
05						
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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

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (BFB) #	SMC3 (DCB) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	LFBLDUA	111	109	114		0
02	VBLKJ2	99	94	93		0
03	FHS	91	94	89		0
04	BRNS	85	84*	81		1
05	MW27	76*	79*	75*		3
06	MW36	97	97	97		0
07	MW40	91	94	89		0
08	MW47	93	96	90		0
09	MW48	99	97	90		0
10	MW48R	97	100	93		0
11	MW56	104	110	96		0
12	PT11	106	116*	96		1
13	MW448	102	96	93		0
14	MSB	102	104	100		0
15	LFBLDUC	94	93	93		0
16	VBLKJ8	102	100	98		0
17	BRNSRE	103	99	103		0
18	MW27RE	96	99	94		0
19	PT11RE	100	99	100		0
20	MW45	100	104	100		0
21	MW45MS	110	106	105		0
22	MW45MSD	112	110	102		0
23	LFBLDUF	88	96	95		0
24	VBLKK5	95	95	94		0
25	PT19	100	99	98		0
26	FHD	92	92	91		0
27	LFBLDUG	114	111	110		0
28	VBLKK6	109	105	102		0
29	TB913	111	111	107		0
30	TB914	102	98	99		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

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFBLDUJ
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFBLDUJ
 Operator: GWG
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
43 Chlorobenzene	1	1.0	98.78	60-140
44 1,1,1,2-Tetrachlor	1	1.0	95.84	60-140
45 Ethylbenzene	1	1	100.76	60-140
46 m- & p-Xylene	2	2	101.61	60-140
47 o-Xylene	1	1.0	98.36	60-140
M 48 Xylene (total)	3	3	103.82	60-140
49 Styrene	1	0.9	94.18	60-140
50 Bromoform	1	0.9	89.35	60-140
51 Isopropylbenzene	1	1.0	99.64	60-140
53 Bromobenzene	1	1.0	98.32	60-140
54 1,1,2,2-Tetrachlor	1	1	106.75	60-140
55 1,2,3-Trichloropro	1	1	104.30	60-140
56 n-Propylbenzene	1	1.0	99.51	60-140
57 2-Chlorotoluene	1	1	102.09	60-140
58 4-Chlorotoluene	1	1.0	96.36	60-140
59 1,3,5-Trimethylben	1	1	104.58	60-140
60 tert-Butylbenzene	1	1	102.84	60-140
61 1,2,4-Trimethylben	1	1	102.74	60-140
62 sec-Butylbenzene	1	1	103.76	60-140
63 1,3-Dichlorobenzen	1	1	106.18	60-140
65 p-Isopropyltoluene	1	1	101.02	60-140
66 1,4-Dichlorobenzen	1	1	105.11	60-140
68 1,2-Dichlorobenzen	1	1	101.17	60-140
69 n-Butylbenzene	1	1	109.36	60-140
70 1,2-Dibromo-3-Chlo	1	1	116.63	60-140
71 1,2,4-Trichloroben	1	1	111.91	60-140
72 Hexachlorobutadien	1	1	107.44	60-140
73 Naphthalene	1	1	118.49	60-140
74 1,2,3-Trichloroben	1	1	113.69	60-140

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
\$ 23 1,2-Dichloroethane	2	2	98.77	83-143
\$ 52 Bromofluorobenzene	2	2	96.75	86-115
\$ 67 1,2-Dichlorobenzen	2	2	96.96	80-120

000144

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFBLDUJ
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFBLDUJ
 Operator: GWG
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
1 Dichlorodifluorome	1	0.8	83.02	60-140
2 Chloromethane	1	0.9	94.51	60-140
3 Vinyl Chloride	1	0.9	91.68	60-140
4 Bromomethane	1	1	110.22	60-140
5 Chloroethane	1	1	113.43	60-140
6 Trichlorofluoromet	1	1.0	97.07	60-140
7 1,1-Dichloroethene	1	0.9	89.99	60-140
8 Acetone	5	6	113.92	60-140
10 Methylene Chloride	1	1	102.28	60-140
11 trans-1,2-Dichloro	1	0.9	89.77	60-140
12 Methyl-t-Butyl Eth	1	1.0	98.43	60-140
13 1,1-Dichloroethane	1	1.0	99.90	60-140
14 2,2-Dichloropropan	1	1.0	95.42	60-140
15 cis-1,2-Dichloroet	1	0.9	94.11	60-140
16 2-Butanone	5	5	93.60	60-140
17 Bromochloromethane	1	0.8	85.23	60-140
19 Chloroform	1	1.0	97.49	60-140
20 1,1,1-Trichloroeth	1	0.9	93.32	60-140
21 Carbon Tetrachlori	1	0.9	87.32	60-140
22 1,1-Dichloropropen	1	1.0	95.04	60-140
24 Benzene	1	1	106.03	60-140
25 1,2-Dichloroethane	1	0.9	93.67	60-140
27 Trichloroethene	1	1.0	97.24	60-140
28 1,2-Dichloropropan	1	1	102.81	60-140
29 Dibromomethane	1	0.9	93.85	60-140
31 Bromodichlorometha	1	1.0	95.85	60-140
32 cis-1,3-Dichloropr	1	0.9	89.98	60-140
33 4-Methyl-2-Pentano	5	5	100.81	60-140
34 Toluene	1	1	109.54	60-140
35 trans-1,3-Dichloro	1	0.9	88.36	60-140
36 1,1,2-Trichloroeth	1	1	101.40	60-140
37 Tetrachloroethene	1	1.0	95.18	60-140
38 1,3-Dichloropropan	1	1.0	95.79	60-140
39 2-Hexanone	5	5	103.69	60-140
40 Dibromochlorometha	1	1.0	96.14	60-140
41 1,2-Dibromoethane	1	1.0	99.23	60-140

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFB LDUG
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFB LDUG
 Operator: CMP
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
43 Chlorobenzene	1	1.0	97.82	60-140
44 1,1,1,2-Tetrachlor	1	0.9	91.45	60-140
45 Ethylbenzene	1	1	102.59	60-140
46 m- & p-Xylene	2	2	98.75	60-140
47 o-Xylene	1	1.0	98.26	60-140
M 48 Xylene (total)	3	3	101.17	60-140
49 Styrene	1	1.0	95.10	60-140
50 Bromoform	1	0.9	90.93	60-140
51 Isopropylbenzene	1	1.0	99.35	60-140
53 Bromobenzene	1	1	100.11	60-140
54 1,1,2,2-Tetrachlor	1	0.9	94.15	60-140
55 1,2,3-Trichloropro	1	1	113.93	60-140
56 n-Propylbenzene	1	1.0	96.73	60-140
57 2-Chlorotoluene	1	0.9	94.31	60-140
58 4-Chlorotoluene	1	1.0	98.06	60-140
59 1,3,5-Trimethylben	1	1	102.85	60-140
60 tert-Butylbenzene	1	1	100.57	60-140
61 1,2,4-Trimethylben	1	1.0	98.84	60-140
62 sec-Butylbenzene	1	1.0	97.66	60-140
63 1,3-Dichlorobenzen	1	1	102.20	60-140
65 p-Isopropyltoluene	1	1.0	98.21	60-140
66 1,4-Dichlorobenzen	1	1	101.69	60-140
68 1,2-Dichlorobenzen	1	1	102.04	60-140
69 n-Butylbenzene	1	1.0	98.66	60-140
70 1,2-Dibromo-3-Chlo	1	1	100.28	60-140
71 1,2,4-Trichloroben	1	1	107.98	60-140
72 Hexachlorobutadien	1	1	103.38	60-140
73 Naphthalene	1	1	107.66	60-140
74 1,2,3-Trichloroben	1	1	108.13	60-140

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
\$ 23 1,2-Dichloroethane	2	2	113.96	83-143
\$ 52 Bromofluorobenzene	2	2	111.07	86-115
\$ 67 1,2-Dichlorobenzen	2	2	110.53	80-120

MM 12

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFBLDUG
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFBLDUG
 Operator: CMP
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
1 Dichlorodifluorome	1	0.9	88.57	60-140
2 Chloromethane	1	0.9	94.78	60-140
3 Vinyl Chloride	1	1.0	97.98	60-140
4 Bromomethane	1	1	109.93	60-140
5 Chloroethane	1	1	106.71	60-140
6 Trichlorofluoromet	1	1	103.06	60-140
7 1,1-Dichloroethene	1	1	101.94	60-140
8 Acetone	5	5	101.55	60-140
10 Methylene Chloride	1	1	110.21	60-140
11 trans-1,2-Dichloro	1	1	100.45	60-140
12 Methyl-t-Butyl Eth	1	1	104.18	60-140
13 1,1-Dichloroethane	1	1	105.75	60-140
14 2,2-Dichloropropan	1	1.0	99.36	60-140
15 cis-1,2-Dichloroet	1	1.0	96.96	60-140
16 2-Butanone	5	4	76.95	60-140
17 Bromochloromethane	1	1.0	97.53	60-140
19 Chloroform	1	1.0	99.12	60-140
20 1,1,1-Trichloroeth	1	1.0	96.15	60-140
21 Carbon Tetrachlori	1	0.9	93.25	60-140
22 1,1-Dichloropropen	1	1	102.29	60-140
24 Benzene	1	1	105.22	60-140
25 1,2-Dichloroethane	1	1	101.88	60-140
27 Trichloroethene	1	1.0	99.91	60-140
28 1,2-Dichloropropan	1	1	101.43	60-140
29 Dibromomethane	1	1	102.05	60-140
31 Bromodichlorometha	1	1.0	97.57	60-140
32 cis-1,3-Dichloropr	1	1.0	99.55	60-140
33 4-Methyl-2-Pentano	5	4	91.66	60-140
34 Toluene	1	1	101.91	60-140
35 trans-1,3-Dichloro	1	1	101.01	60-140
36 1,1,2-Trichloroeth	1	1	102.67	60-140
37 Tetrachloroethene	1	1	102.55	60-140
38 1,3-Dichloropropan	1	1	103.95	60-140
39 2-Hexanone	5	5	94.52	60-140
40 Dibromochlorometha	1	0.9	93.26	60-140
41 1,2-Dibromoethane	1	1.0	99.18	60-140

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFB LDUF
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFB LDUF
 Operator: CMP
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
43 Chlorobenzene	1	0.7	72.87	60-140
44 1,1,1,2-Tetrachlor	1	0.7	68.96	60-140
45 Ethylbenzene	1	0.8	77.39	60-140
46 m- & p-Xylene	2	2	80.80	60-140
47 o-Xylene	1	0.8	80.26	60-140
M 48 Xylene (total)	3	2	83.46	60-140
49 Styrene	1	0.7	68.62	60-140
50 Bromoform	1	0.7	73.86	60-140
51 Isopropylbenzene	1	0.8	76.44	60-140
53 Bromobenzene	1	0.7	69.70	60-140
54 1,1,2,2-Tetrachlor	1	0.8	78.71	60-140
55 1,2,3-Trichloropro	1	0.8	77.38	60-140
56 n-Propylbenzene	1	0.7	68.88	60-140
57 2-Chlorotoluene	1	0.7	70.63	60-140
58 4-Chlorotoluene	1	0.7	71.33	60-140
59 1,3,5-Trimethylben	1	0.8	78.20	60-140
60 tert-Butylbenzene	1	0.7	74.47	60-140
61 1,2,4-Trimethylben	1	0.9	89.40	60-140
62 sec-Butylbenzene	1	0.7	74.43	60-140
63 1,3-Dichlorobenzen	1	0.7	71.10	60-140
65 p-Isopropyltoluene	1	0.7	72.36	60-140
66 1,4-Dichlorobenzen	1	0.7	72.42	60-140
68 1,2-Dichlorobenzen	1	0.7	70.01	60-140
69 n-Butylbenzene	1	0.7	73.58	60-140
70 1,2-Dibromo-3-Chlo	1	0.9	86.82	60-140
71 1,2,4-Trichloroben	1	0.8	75.45	60-140
72 Hexachlorobutadien	1	0.8	78.55	60-140
73 Naphthalene	1	0.8	81.74	60-140
74 1,2,3-Trichloroben	1	0.8	79.50	60-140

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
\$ 23 1,2-Dichloroethane	2	2	88.51	83-143
\$ 52 Bromofluorobenzene	2	2	96.49	86-115
\$ 67 1,2-Dichlorobenzen	2	2	95.17	80-120

000140



LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFBLDUF
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFBLDUF
 Operator: CMP
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
1 Dichlorodifluorome	1	1.0	97.17	60-140
2 Chloromethane	1	0.9	90.59	60-140
3 Vinyl Chloride	1	0.8	83.25	60-140
4 Bromomethane	1	0.8	83.78	60-140
5 Chloroethane	1	1	101.91	60-140
6 Trichlorofluoromet	1	0.8	83.25	60-140
7 1,1-Dichloroethene	1	0.7	71.37	60-140
8 Acetone	5	7	134.93	60-140
10 Methylene Chloride	1	1	112.31	60-140
11 trans-1,2-Dichloro	1	0.7	73.61	60-140
12 Methyl-t-Butyl Eth	1	0.8	76.10	60-140
13 1,1-Dichloroethane	1	0.7	72.03	60-140
14 2,2-Dichloropropan	1	0.8	79.55	60-140
15 cis-1,2-Dichloroet	1	0.7	68.58	60-140
16 2-Butanone	5	5	98.00	60-140
17 Bromochloromethane	1	0.6	62.51	60-140
19 Chloroform	1	0.8	77.30	60-140
20 1,1,1-Trichloroeth	1	0.7	70.93	60-140
21 Carbon Tetrachlori	1	0.7	70.65	60-140
22 1,1-Dichloropropen	1	0.7	69.56	60-140
24 Benzene	1	0.8	78.88	60-140
25 1,2-Dichloroethane	1	0.7	67.79	60-140
27 Trichloroethene	1	0.7	70.61	60-140
28 1,2-Dichloropropan	1	0.7	67.14	60-140
29 Dibromomethane	1	0.6	65.49	60-140
31 Bromodichlorometha	1	0.7	67.49	60-140
32 cis-1,3-Dichloropr	1	0.7	69.49	60-140
33 4-Methyl-2-Pentano	5	6	113.14	60-140
34 Toluene	1	0.8	77.94	60-140
35 trans-1,3-Dichloro	1	0.7	71.70	60-140
36 1,1,2-Trichloroeth	1	0.7	70.08	60-140
37 Tetrachloroethene	1	0.8	79.78	60-140
38 1,3-Dichloropropan	1	0.8	75.83	60-140
39 2-Hexanone	5	6	115.46	60-140
40 Dibromochlorometha	1	0.7	69.13	60-140
41 1,2-Dibromoethane	1	0.7	68.74	60-140

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFB LDUC
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFB LDUC
 Operator: GWG
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
43 Chlorobenzene	1	1	101.68	60-140
44 1,1,1,2-Tetrachlor	1	1.0	98.87	60-140
45 Ethylbenzene	1	1	109.98	60-140
46 m- & p-Xylene	2	2	110.45	60-140
47 o-Xylene	1	1	100.87	60-140
M 48 Xylene (total)	3	3	111.67	60-140
49 Styrene	1	1	101.74	60-140
50 Bromoform	1	0.9	89.32	60-140
51 Isopropylbenzene	1	1	109.40	60-140
53 Bromobenzene	1	1	102.75	60-140
54 1,1,2,2-Tetrachlor	1	1.0	99.33	60-140
55 1,2,3-Trichloropro	1	1	109.08	60-140
56 n-Propylbenzene	1	1	106.24	60-140
57 2-Chlorotoluene	1	1	103.45	60-140
58 4-Chlorotoluene	1	1	108.52	60-140
59 1,3,5-Trimethylben	1	1	107.01	60-140
60 tert-Butylbenzene	1	1	106.95	60-140
61 1,2,4-Trimethylben	1	1	109.46	60-140
62 sec-Butylbenzene	1	1	108.67	60-140
63 1,3-Dichlorobenzen	1	1	110.85	60-140
65 p-Isopropyltoluene	1	1	108.16	60-140
66 1,4-Dichlorobenzen	1	1	111.27	60-140
68 1,2-Dichlorobenzen	1	1	105.91	60-140
69 n-Butylbenzene	1	1	115.31	60-140
70 1,2-Dibromo-3-Chlo	1	1	124.29	60-140
71 1,2,4-Trichloroben	1	1	123.57	60-140
72 Hexachlorobutadien	1	1	125.03	60-140
73 Naphthalene	1	1	117.73	60-140
74 1,2,3-Trichloroben	1	1	119.78	60-140

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
\$ 23 1,2-Dichloroethane	2	2	94.47	83-143
\$ 52 Bromofluorobenzene	2	2	93.44	86-115
\$ 67 1,2-Dichlorobenzen	2	2	93.38	80-120

000128

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFB LDUC
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFB LDUC
 Operator: GWG
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
1 Dichlorodifluorome	1	1	104.77	60-140
2 Chloromethane	1	1	110.41	60-140
3 Vinyl Chloride	1	1.0	98.57	60-140
4 Bromomethane	1	1	110.48	60-140
5 Chloroethane	1	1	119.32	60-140
6 Trichlorofluoromet	1	1	106.24	60-140
7 1,1-Dichloroethene	1	1	108.02	60-140
8 Acetone	5	6	111.22	60-140
10 Methylene Chloride	1	1	104.27	60-140
11 trans-1,2-Dichloro	1	1	106.97	60-140
12 Methyl-t-Butyl Eth	1	1	116.83	60-140
13 1,1-Dichloroethane	1	1	108.75	60-140
14 2,2-Dichloropropan	1	1	116.60	60-140
15 cis-1,2-Dichloroet	1	1	104.25	60-140
16 2-Butanone	5	4	85.07	60-140
17 Bromochloromethane	1	1.0	96.08	60-140
19 Chloroform	1	1	111.47	60-140
20 1,1,1-Trichloroeth	1	1	103.75	60-140
21 Carbon Tetrachlori	1	1	100.52	60-140
22 1,1-Dichloropropen	1	1	104.24	60-140
24 Benzene	1	1	108.26	60-140
25 1,2-Dichloroethane	1	1.0	97.00	60-140
27 Trichloroethene	1	1.0	95.86	60-140
28 1,2-Dichloropropan	1	1	107.41	60-140
29 Dibromomethane	1	0.9	91.38	60-140
31 Bromodichlorometha	1	1.0	96.45	60-140
32 cis-1,3-Dichloropr	1	1	104.11	60-140
33 4-Methyl-2-Pentano	5	5	100.99	60-140
34 Toluene	1	1	107.47	60-140
35 trans-1,3-Dichloro	1	1	101.19	60-140
36 1,1,2-Trichloroeth	1	1	106.95	60-140
37 Tetrachloroethene	1	1	103.36	60-140
38 1,3-Dichloropropan	1	1	101.44	60-140
39 2-Hexanone	5	5	97.02	60-140
40 Dibromochlorometha	1	1	102.17	60-140
41 1,2-Dibromoethane	1	1.0	95.76	60-140

LFB. RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFB LDUA
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFB LDUA
 Operator: GWG
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
43 Chlorobenzene	1	1.0	99.59	60-140
44 1,1,1,2-Tetrachlor	1	1.0	96.40	60-140
45 Ethylbenzene	1	1.0	98.70	60-140
46 m- & p-Xylene	2	2	101.04	60-140
47 o-Xylene	1	0.9	90.53	60-140
M 48 Xylene (total)	3	3	100.18	60-140
49 Styrene	1	0.9	91.32	60-140
50 Bromoform	1	0.9	86.70	60-140
51 Isopropylbenzene	1	1.0	97.75	60-140
53 Bromobenzene	1	1.0	95.72	60-140
54 1,1,2,2-Tetrachlor	1	0.9	93.38	60-140
55 1,2,3-Trichloropro	1	1.0	98.77	60-140
56 n-Propylbenzene	1	0.9	89.94	60-140
57 2-Chlorotoluene	1	1	100.45	60-140
58 4-Chlorotoluene	1	1	106.93	60-140
59 1,3,5-Trimethylben	1	1.0	98.53	60-140
60 tert-Butylbenzene	1	1.0	99.06	60-140
61 1,2,4-Trimethylben	1	1.0	99.22	60-140
62 sec-Butylbenzene	1	1.0	99.88	60-140
63 1,3-Dichlorobenzen	1	1.0	99.08	60-140
65 p-Isopropyltoluene	1	1	104.65	60-140
66 1,4-Dichlorobenzen	1	1	105.65	60-140
68 1,2-Dichlorobenzen	1	0.9	94.40	60-140
69 n-Butylbenzene	1	1	102.07	60-140
70 1,2-Dibromo-3-Chlo	1	1	103.44	60-140
71 1,2,4-Trichloroben	1	1	108.90	60-140
72 Hexachlorobutadien	1	1	112.16	60-140
73 Naphthalene	1	1	102.37	60-140
74 1,2,3-Trichloroben	1	1	104.94	60-140

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
\$ 23 1,2-Dichloroethane	2	2	111.19	83-143
\$ 52 Bromofluorobenzene	2	2	109.41	86-115
\$ 67 1,2-Dichlorobenzen	2	2	114.13	80-120

000136

LFB RECOVERY REPORT

Client Name: ENGSC2
 Sample Matrix: LIQUID
 Lab Smp Id: LFB LDUA
 Level: LOW
 Data Type: MS DATA
 SpikeList File: lfbver3ketMTBE.spk

Client SDG: 53766
 Fraction: VOA
 Client Smp ID: LFB LDUA
 Operator: GWG
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
1 Dichlorodifluorome	1	0.9	94.46	60-140
2 Chloromethane	1	1.0	98.53	60-140
3 Vinyl Chloride	1	1.0	95.86	60-140
4 Bromomethane	1	1	108.90	60-140
5 Chloroethane	1	1	112.45	60-140
6 Trichlorofluoromet	1	1	103.28	60-140
7 1,1-Dichloroethene	1	1.0	97.25	60-140
8 Acetone	5	6	111.74	60-140
10 Methylene Chloride	1	1.0	99.66	60-140
11 trans-1,2-Dichloro	1	1	102.83	60-140
12 Methyl-t-Butyl Eth	1	1	101.60	60-140
13 1,1-Dichloroethane	1	1	108.17	60-140
14 2,2-Dichloropropan	1	1	109.95	60-140
15 cis-1,2-Dichloroet	1	0.9	91.87	60-140
16 2-Butanone	5	4	81.97	60-140
17 Bromochloromethane	1	1.0	96.46	60-140
19 Chloroform	1	1	101.77	60-140
20 1,1,1-Trichloroeth	1	1.0	96.17	60-140
21 Carbon Tetrachlori	1	1.0	97.79	60-140
22 1,1-Dichloropropen	1	1	100.62	60-140
24 Benzene	1	1	105.66	60-140
25 1,2-Dichloroethane	1	1	105.98	60-140
27 Trichloroethene	1	1	105.26	60-140
28 1,2-Dichloropropan	1	1	101.85	60-140
29 Dibromomethane	1	1.0	95.27	60-140
31 Bromodichlorometha	1	1.0	98.09	60-140
32 cis-1,3-Dichloropr	1	1	100.76	60-140
33 4-Methyl-2-Pentano	5	5	101.40	60-140
34 Toluene	1	1.0	98.59	60-140
35 trans-1,3-Dichloro	1	1	100.19	60-140
36 1,1,2-Trichloroeth	1	1	100.39	60-140
37 Tetrachloroethene	1	1.0	99.20	60-140
38 1,3-Dichloropropan	1	1	101.60	60-140
39 2-Hexanone	5	5	98.24	60-140
40 Dibromochlorometha	1	0.9	90.49	60-140
41 1,2-Dibromoethane	1	1.0	96.61	60-140

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3A

Contract: 93206

SDG No. : 53766

Matrix Spike - EPA Sample No.: MSB

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Vinyl Chloride	10		10	101	80-120
Carbon Tetrachloride	10		10	112	80-120
1,2-Dichloroethane	10		11	103	80-120
Benzene	10		10	106	80-120
Trichloroethene	10		10	104	80-120
1,2-Dichloropropane	10		11	108	80-120
cis-1,3-Dichloropropene	10		10	102	80-120
1,1,2-Trichloroethane	10		11	101	80-120
2-Hexanone	25		25	97	80-120
Tetrachloroethene	10		10	98	80-120
1,2-Dibromoethane	10		10	105	80-120
Bromoform	10		10	99	80-120
1,4-Dichlorobenzene	10		10	102	80-120

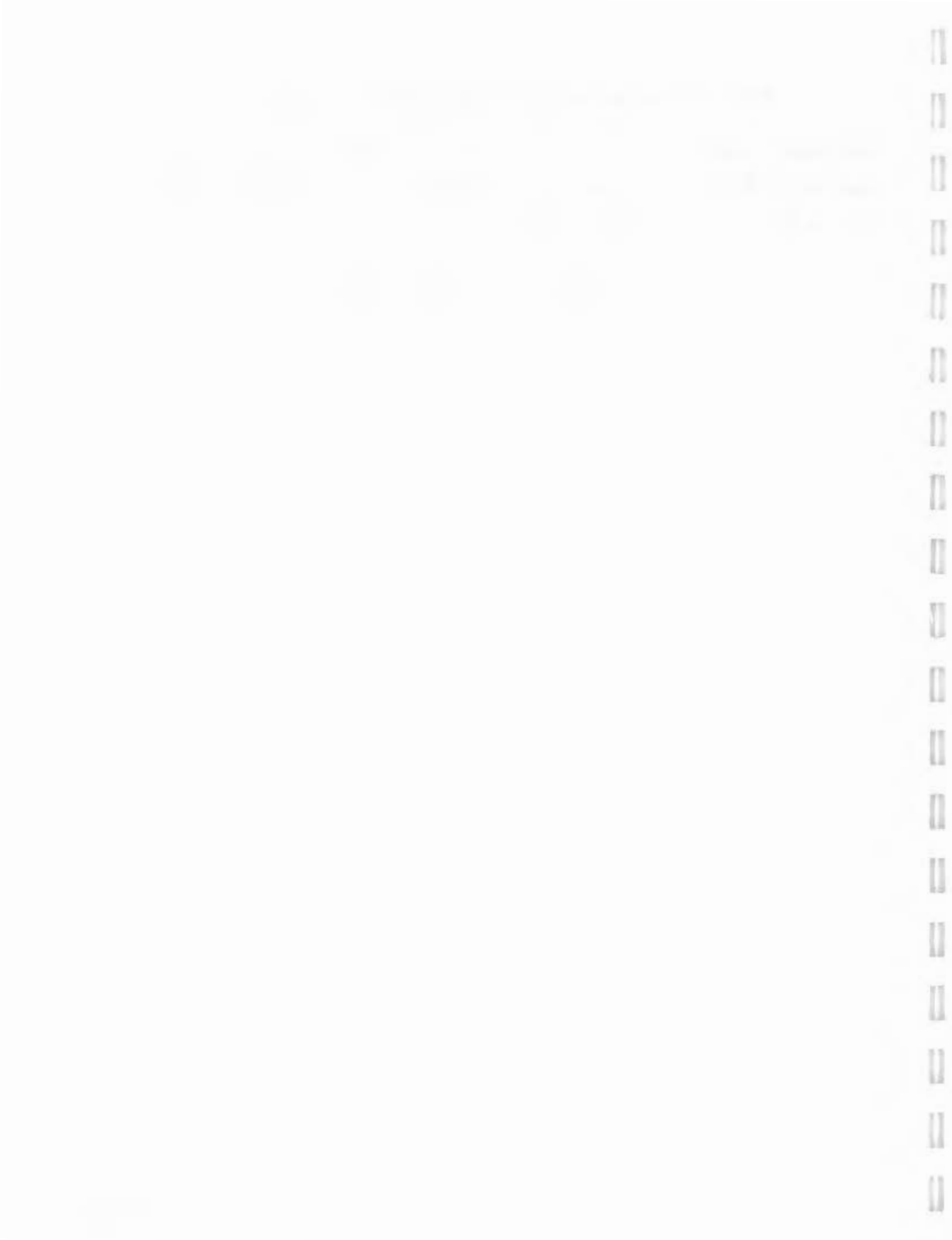
COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
=====	=====	=====	=====	=====	RPD	REC.
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# Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
```

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 13 outside limits

COMMENTS :



3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

Matrix Spike - EPA Sample No.: MW45

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Vinyl Chloride	10	0	10	100	80-120
Carbon Tetrachloride	10	0	10	100	80-120
1,2-Dichloroethane	10	0	10	100	80-120
Benzene	10	0	10	100	80-120
Trichloroethene	10	0	10	100	80-120
1,2-Dichloropropane	10	0	11	110	80-120
cis-1,3-Dichloropropene	10	0	10	100	80-120
1,1,2-Trichloroethane	10	0	10	100	80-120
2-Hexanone	25	0	23	92	80-120
Tetrachloroethene	10	0	10	100	80-120
1,2-Dibromoethane	10	0	10	100	80-120
Bromoform	10	0	9	90	80-120
1,4-Dichlorobenzene	10	0	10	100	80-120

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Vinyl Chloride	10	10	100	0	13	80-120
Carbon Tetrachloride	10	10	100	0	13	80-120
1,2-Dichloroethane	10	10	100	0	13	80-120
Benzene	10	10	100	0	13	80-120
Trichloroethene	10	10	100	0	13	80-120
1,2-Dichloropropane	10	10	100	10	13	80-120
cis-1,3-Dichloropropene	10	10	100	0	13	80-120
1,1,2-Trichloroethane	10	10	100	0	13	80-120
2-Hexanone	25	23	92	0	13	80-120
Tetrachloroethene	10	10	100	0	13	80-120
1,2-Dibromoethane	10	10	100	0	13	80-120
Bromoform	10	9	90	0	13	80-120
1,4-Dichlorobenzene	10	10	100	0	13	80-120

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 13 outside limits

Spike Recovery: 0 out of 26 outside limits

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKM7

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

Lab File ID: LDUB001JV.D

Lab Sample ID: VBLKM7

Date Analyzed: 09/29/95

Time Analyzed: 1349

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	LFBLDUJ	LFBLDUJ	LDU001J2QV.D	1307
02	MW59	271849	L271849I2V.D	1842
03	MW60	271850	L271850I2V.D	1915
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COMMENTS:



4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBKK6

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

Lab File ID: LDUB001GV.D

Lab Sample ID: VBKK6

Date Analyzed: 09/22/95

Time Analyzed: 1950

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	LFBLDUG	LFBLDUG	LDU002GQV.D	1918
02	TB913	270989	L270989I2V.D	2129
03	TB914	270990	L270990I2V.D	2202
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKK5

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

Lab File ID: LDUB002FV.D

Lab Sample ID: VBLKK5

Date Analyzed: 09/22/95

Time Analyzed: 0958

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	LFBLDUF	LFBLDUF	LDUB001FV.D	0908
02	PT19	270988	L270988I2V.D	1603
03	FHD	270969	L270969I4V.D	1630
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COMMENTS:

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud.

2. The second part of the document outlines the specific requirements for record-keeping, including the need to maintain separate accounts for each transaction and to ensure that all records are properly indexed and filed.

3. The third part of the document discusses the importance of regular audits and the need to ensure that all records are subject to independent review. It also emphasizes the need to ensure that all records are properly stored and protected from loss or damage.

4. The fourth part of the document discusses the importance of maintaining accurate records of all transactions, including the need to ensure that all records are properly indexed and filed.

5. The fifth part of the document discusses the importance of maintaining accurate records of all transactions, including the need to ensure that all records are properly indexed and filed.

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4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKJ8

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

Lab File ID: LDUB001CV.D

Lab Sample ID: VBLKJ8

Date Analyzed: 09/20/95

Time Analyzed: 2023

GC Column:CAP

ID: 0.53 (mm)

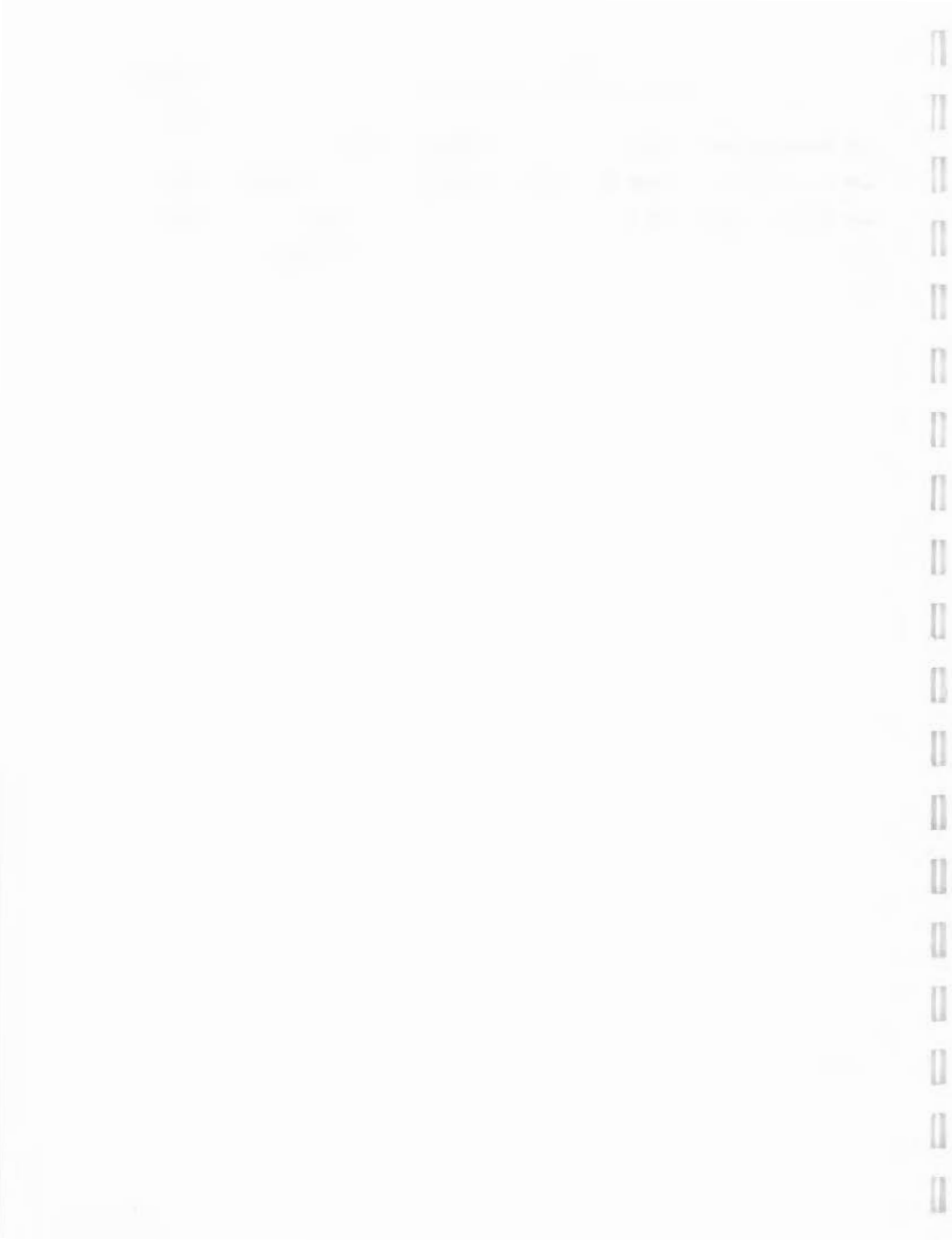
Heated Purge: (Y/N) N

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	LFBLDUC	LFBLDUC	LDU001CQV.D	1941
02	BRNSRE	270971R1	L270971I3V.D	0056
03	MW27RE	271006R1	L271006I3V.D	0128
04	PT11RE	270987R1	L270987I3V.D	0200
05	MW45	270979	L270979I2V.D	0409
06	MW45MS	270979MS	L270979MSI2V.D	0441
07	MW45MSD	270979MD	L270979MDI2V.D	0512
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COMMENTS:



4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBKJ2

Lab Name: AQUATEC, INC.

Contract: 93206

Lab Code: AQUAI

Case No.: 93206

SAS No.:

SDG No.: 53766

Lab File ID: LDUB001AV.D

Lab Sample ID: VBKJ2

Date Analyzed: 09/20/95

Time Analyzed: 0035

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	LFBLDUA	LFBLDUA	LDU004AQV.D	2339
02	FHS	270970	L270970I2V.D	0140
03	BRNS	270971	L270971I2V.D	0213
04	MW27	271006	L271006I2V.D	0245
05	MW36	270977	L270977I2V.D	0317
06	MW40	270978	L270978I2V.D	0349
07	MW47	270981	L270981I2V.D	0422
08	MW48	270982	L270982I2V.D	0454
09	MW48R	270983	L270983I2V.D	0526
10	MW56	270984	L270984I2V.D	0557
11	PT11	270987	L270987I2V.D	0629
12	MW448	270986	L270986I2V.D	0702
13	MSB	270991	L270991V.D	0804
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COMMENTS:

