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MONITORING REPORTS

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QUARTERLY REPORT FOR ACTIVITIES AT THE DOWELL SCHLUMBERGER FACILITY ARTESIA, NEW MEXICO

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INTRODUCTION

This report documents ground-water sampling and remediation activities for the third quarter of 1995 at the Dowell Schlumberger (Dowell) facility in Artesia, New Mexico. These data include the results of the July 1995 quarterly ground-water sampling event and data from monitoring of the two existing soil vapor extraction (SVE) systems.

GROUND-WATER MONITORING METHODS AND RESULTS

On July 31 and August 1 and 2, 1995, quarterly ground-water monitoring was conducted at the Dowell facility. Water levels were measured in all monitoring wells and three casing volumes of water were bailed from each well prior to collection of water samples. Purge water was placed in galvanized steel stock tanks and allowed to evaporate. Water samples were collected into VOA vials using dedicated polyethylene bailers and disposable VOA sampling attachments. Immediately after collection, samples were placed in a cooler with ice, and were kept cold until arrival at the laboratory. Ground-water samples were analyzed for volatile organics by EPA Method 8240.

Water level measurements are presented in Table 1. The ground-water elevations calculated from these measurements were used to construct the potentiometric surface depicted on Figure 1. The ground-water flow direction is to the north northeast. The results of laboratory analysis of the ground-water samples are summarized in Table 2. Copies of the laboratory analytical reports are appended to this letter.

SVE SYSTEM OPERATION AND MAINTENANCE

The remediation system at the Artesia facility consists of two separate SVE systems: one located north and east of the maintenance shop and the other north and east of the wash bay (Figure 1). The maintenance shop SVE system consists of 2 zones, each with 7 extraction wells. The wash bay SVE system comprises 6 zones, each with 7 extraction wells.

System Operation

The two systems have operated continuously during the third quarter of 1995. To monitor operation of each system, the vacuum is measured periodically at the blower and at the system

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-1	01/23/91	17.41	100.56	83.15
	09/13/91	16.04		84.52
	11/22/91	14.50		86.06
	03/16/93	13.72		86.84
	01/09/94	14.62		85.94
	04/19/94	14.48		86.08
	07/20/94	14.38		86.18
	10/24/94	14.73		85.83
	01/24/95	14.20		86.36
	04/02/95	14.37		86.19
	07/31/95	14.76		85.80
MW-2	01/23/91	16.95	99.56	82.61
	09/13/91	15.01		84.55
	11/22/91	13.76		85.80
	03/16/93	13.16		86.40
	01/09/94	13.91		85.65
	04/19/94	13.80		85.76
	07/20/94	13.65		85.91
	10/24/94	13.88		85.68
	01/24/95	13.41		86.15
	04/02/95	13.67		85.89
	07/31/95	13.81		85.75
MW-3	01/23/91	17.28	98.33	81.05
	09/13/91	14.66		83.67
	11/22/91	13.63		84.70
	03/16/93	12.89		85.44
	01/09/94	13.66		84.67
	04/19/94	NM		NM
	07/20/94	13.18		85.15
	10/24/94	13.27		85.06
	01/24/95	13.23		85.10
	04/02/95	13.60		84.73
	07/31/95	13.34		84.99
MW-4	01/23/91	20.17	103.18	83.01
	09/13/91	18.54		84.64
	11/22/91	17.15		86.03
	03/16/93	16.49		86.69
	01/09/94	17.28		85.90
	04/19/94	17.15		86.03
	07/20/94	16.99		86.19
	10/24/94	17.25		85.93
	01/24/95	16.78		86.40
	04/02/95	16.98		86.20
	07/31/95	17.26		85.92
MW-5	01/23/91	17.20	99.87	82.67
	09/13/91	15.52		84.35
	11/22/91	14.19		85.68
	03/16/93	13.47		86.40
	01/09/94	14.31		85.56

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-5 cont.	04/19/94	14.17		85.70
	07/20/94	13.97		85.90
	10/24/94	14.21		85.66
	01/24/95	13.78		86.09
	04/02/95	14.05		85.82
	07/31/95	14.17		85.70
MW-6	01/23/91	19.59	100.84	81.25
	09/13/91	17.43		83.41
	11/21/91	16.30		84.54
	03/16/93	15.57		85.27
	01/09/94	16.42		84.42
	04/19/94	16.29		84.55
	07/19/94	15.79		85.05
	10/24/94	15.83		85.01
	01/24/95	15.94		84.90
	04/02/95	16.38		84.46
	07/31/95	15.88		84.96
MW-7	01/23/91	19.01	100.23	81.22
	09/13/91	17.43		82.80
	11/21/91	16.00		84.23
	03/16/93	14.91		85.32
	01/09/94	15.99		84.24
	04/19/94	15.83		84.40
	07/19/94	15.24		84.99
	10/24/94	15.32		84.91
	01/24/95	15.54		84.69
	04/02/95	16.00		84.23
	07/31/95	15.57		84.66
MW-8	01/23/91	20.16	101.47	81.31
	09/13/91	18.80		82.67
	11/21/91	17.29		84.18
	03/16/93	16.03		85.44
	01/09/94	17.23		84.24
	04/19/94	17.05		84.42
	07/19/94	16.50		84.97
	10/24/94	16.56		84.91
	01/24/95	16.79		84.68
	04/02/95	17.24		84.23
	07/31/95	16.94		84.53
MW-9	01/26/91	20.08	102.18	82.10
	09/13/91	18.93		83.25
	11/21/91	17.35		84.83
	03/16/93	16.19		85.99
	01/09/94	17.31		84.87
	04/19/94	17.33		84.85
	07/19/94	16.85		85.33
	10/24/94	17.05		85.13
	01/24/95	16.92		85.26
	04/02/95	17.23		84.95

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-9 cont.	07/31/95	17.30		84.88
MW-10	01/26/91	19.68	101.34	81.66
	09/13/91	18.56		82.78
	11/21/91	16.96		84.38
	03/16/93	15.64		85.70
	01/09/94	16.89		84.45
	04/19/94	16.73		84.61
	07/19/94	16.29		85.05
	10/24/94	16.39		84.95
	01/24/95	16.48		84.86
	04/02/95	16.88		84.46
	07/31/95	16.82		84.52
MW-11	01/26/91	19.27	100.60	81.33
	09/13/91	17.81		82.79
	11/21/91	16.35		84.25
	03/16/93	15.20		85.40
	01/09/94	16.31		84.29
	04/19/94	16.17		84.43
	07/19/94	15.63		84.97
	10/24/94	15.72		84.88
	01/24/95	15.89		84.71
	04/02/95	16.33		84.27
	07/31/95	16.03		84.57
MW-12	01/26/91	19.24	100.69	81.45
	09/13/91	17.59		83.10
	11/21/91	16.21		84.48
	03/16/93	15.22		85.47
	01/09/94	16.25		84.44
	04/19/94	16.13		84.56
	07/19/94	15.63		85.06
	10/24/94	15.73		84.96
	01/24/95	15.80		84.89
	04/02/95	16.23		84.46
	07/31/95	15.96		84.73
MW-13	09/13/91	15.10	99.25	84.15
	11/21/91	13.95		85.30
	03/16/93	13.22		86.03
	01/09/94	14.03		85.22
	04/19/94	13.90		85.35
	07/20/94	13.70		85.55
	10/24/94	13.86		85.39
	01/24/95	13.56		85.69
	04/02/95	13.87		85.38
	07/31/95	13.84		85.41
MW-14	09/13/91	14.60	98.74	84.14
	11/21/91	13.61		85.13
	03/16/93	13.00		85.74
	01/09/94	13.71		85.03

TABLE 1. GROUND-WATER MEASUREMENTS AND ELEVATIONS, DOWELL, ARTESIA, NEW MEXICO.

WELL #	DATE	DEPTH TO GROUND WATER (ft)	MEASURING POINT ELEVATION* (ft)	GROUND-WATER ELEVATION* (ft)
MW-14 cont.	04/19/94	13.63		85.11
	07/20/94	13.39		85.35
	10/24/94	13.48		85.26
	01/25/95	13.26		85.48
	04/02/95	13.61		85.13
	07/31/95	13.44		85.30
MW-15	09/13/91	16.30	100.05	83.75
	11/21/91	15.01		85.04
	03/16/93	13.95		86.10
	01/09/94	14.91		85.14
	04/19/94	14.80		85.25
	07/20/94	14.56		85.49
	10/24/94	14.73		85.32
**	01/24/95	16.00		84.05
	04/02/95	14.80		85.25
	07/31/95	14.82		85.23
MW-17D	04/02/95	16.80	101.29	84.49
	07/31/95	16.48		84.81
MW-17A	04/02/95	16.05	100.57	84.52
	07/31/95	15.75		84.82
MW-17B	04/02/95	16.79	101.28	84.49
	07/31/95	16.50		84.78
MW-17C	04/02/95	16.93	101.33	84.40
	07/31/95	16.66		84.67
MW-18	04/02/95	14.77	98.72	83.95
	07/31/95	14.21		84.51
MW-19	04/02/95	14.86	99.08	84.22
	07/31/95	14.29		84.79

NOTES:

* = measured from a temporary benchmark of arbitrary elevation = 100.00 feet. Benchmark is located on the concrete right up against the east shop wall, at the northeast corner of the shop.

NM = not measured

** = water level measurement may be in error

TABLE 2. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	ACETONE (mg/L)
MW-1	01/26/91	0.033	ND(0.005)	0.029	0.13	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.05)
	09/15/91	ND(0.001)	ND(0.001)	0.002	0.009	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	11/22/91	0.026	ND(0.001)	0.007	0.014	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	03/16/93	0.016	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	01/10/94	0.006	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	04/19/94	0.035	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	07/20/94	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	10/25/94	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	01/25/95	0.025	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	08/01/95	0.082	0.0075	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
MW-2	01/26/91	0.21	0.59	0.071	1.7	0.048	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	ND(0.01)	0.11	ND(0.1)
dup.	01/26/91	0.19	0.45	0.062	1.3	0.043	ND(0.01)	ND(0.01)	0.011	ND(0.01)	ND(0.01)	0.078	ND(0.1)
	09/15/91	0.12	0.05	0.006	0.69	0.1	ND(0.005)	0.005	0.023	ND(0.005)	ND(0.005)	0.15	ND(0.05)
9 *	11/22/91	0.033	0.001	0.001	0.088	0.11	ND(0.001)	0.007	0.016	ND(0.001)	ND(0.001)	0.064	ND(0.01)
	03/16/93	0.019	ND(0.001)	ND(0.001)	ND(0.005)	0.06	ND(0.001)	0.002	0.003	ND(0.001)	ND(0.001)	0.028	ND(0.01)
	01/10/94	0.024	ND(0.001)	0.001	ND(0.005)	0.039	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.079	ND(0.01)
	04/19/94	0.045	0.004J	ND(0.005)	ND(0.005)	0.028	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.048	ND(0.1)
dup.	04/19/94	0.043	0.005J	ND(0.005)	ND(0.005)	0.03	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.052	ND(0.1)
	07/20/94	0.022	ND(0.005)	ND(0.005)	ND(0.005)	0.026	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.1)
	10/25/94	0.045	0.008	ND(0.005)	ND(0.005)	0.03	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.037	ND(0.1)
	01/25/95	0.057	0.022	ND(0.005)	ND(0.005)	0.024	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.079	ND(0.1)
	04/03/95	0.05	ND(0.005)	ND(0.005)	ND(0.005)	0.026	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.035	ND(0.1)
	08/01/95	0.032	0.021	ND(0.005)	ND(0.005)	0.027	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.1)
MW-3	01/26/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/91	0.2	1.2	1.2	14	ND(0.2)	ND(0.2)	ND(0.2)	0.33	ND(0.2)	ND(0.2)	ND(0.2)	3.7
*	11/22/91	0.11	0.68	0.53	6.8	0.094	0.004	0.19	0.11	0.002*	0.15	0.057	0.811
	03/16/93	ND(0.001)	1	0.65	8.6	ND(0.001)	ND(0.001)	ND(0.001)	0.26	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
dup.	03/16/93	0.13	0.78	0.54	9	ND(0.001)	ND(0.001)	0.044	0.26	ND(0.001)	0.037	0.33	0.22
	07/01/93	0.14	1	0.52	9.1	0.14	ND(0.05)	ND(0.05)	0.16	ND(0.05)	ND(0.05)	ND(0.05)	ND(0.5)
	01/10/94	0.14	1	0.7	11	0.19	ND(0.1)	ND(0.1)	0.21	ND(0.1)	ND(0.1)	ND(0.1)	ND(1)
	04/19/94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
*	07/20/94	0.092	0.46	0.16	3	0.077	0.002J	0.036	0.069	ND(0.005)	0.064	0.011	0.048J
	10/25/94	0.13	0.96	0.25	4.2	0.2	ND(0.05)	0.064	ND(0.05)	ND(0.05)	0.13	0.21J	ND(0.1)
dup.	10/25/94	0.11	0.83	0.3	4.7	0.18	ND(0.05)	0.051	ND(0.05)	ND(0.05)	0.1	0.024J	ND(0.1)
	01/25/95	ND(1)	0.81J	ND(1)	7.1	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)

TABLE 2. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	ACETONE (mg/L)
MW-3 cont.	04/03/95	0.047	0.45	ND(0.025)	1.3	0.1	ND(0.025)	0.11	ND(0.025)	ND(0.025)	0.15	ND(0.025)	ND(0.5)
dup.	04/03/95	0.047	0.45	ND(0.025)	1.2	0.1	ND(0.025)	0.12	ND(0.025)	ND(0.025)	0.15	ND(0.025)	ND(0.5)
	08/01/95	0.088	0.95	0.19	6.5	0.23	ND(0.05)	0.089	ND(0.05)	ND(0.05)	0.081	ND(0.05)	ND(1)
MW-4	01/26/91	0.098	0.011	ND(0.001)	0.025	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	09/15/91	0.26	ND(0.002)	ND(0.002)	0.015	0.006	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.02)
	11/22/91	0.18	0.1	0.001	0.037	ND(0.001)	ND(0.001)	0.019	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	03/16/93	0.072	0.051	ND(0.001)	ND(0.005)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	01/10/94	0.064	0.074	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	04/19/94	0.074	0.085	ND(0.005)	0.003J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	07/20/94	0.1	0.053	ND(0.005)	0.005	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	10/25/94	0.14	0.26	ND(0.005)	0.004J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.005	ND(0.1)
	01/25/95	0.15	0.4	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.1)
	04/03/95	0.1	0.19	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	08/01/95	0.069	0.57	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0054	ND(0.005)	ND(0.1)
MW-5	01/26/91	0.014	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.002	0.001	ND(0.001)	ND(0.001)	0.01	ND(0.01)
	09/15/91	ND(0.001)	0.001	ND(0.001)	ND(0.005)	0.005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018	ND(0.01)
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.018	ND(0.01)
	03/16/93	0.078	0.007	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.003	ND(0.001)	ND(0.001)	0.001	0.026	ND(0.01)
	01/10/94	0.025	ND(0.001)	ND(0.001)	ND(0.005)	0.008	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.026	ND(0.01)
	04/19/94	0.07	0.011	ND(0.005)	ND(0.005)	0.008	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.002J	0.015	ND(0.1)
	07/20/94	0.22	0.041	ND(0.005)	ND(0.005)	0.011	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	0.025	ND(0.1)
dup.	07/20/94	0.32	0.076	ND(0.005)	0.001J	0.026	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.006	0.039	ND(0.1)
	10/25/94	0.24	0.059	ND(0.005)	ND(0.005)	0.02	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.008J	0.043	ND(0.1)
	01/25/95	0.46	0.13	ND(0.005)	ND(0.005)	0.023	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.018	0.093	ND(0.1)
	04/03/95	0.39	0.087	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	0.062	ND(0.1)
	08/01/95	0.17	0.082	ND(0.005)	ND(0.005)	0.013	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.018	0.049	ND(0.1)
MW-6	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.007	ND(0.001)	0.17	0.007	ND(0.001)	ND(0.001)	0.083	ND(0.01)
	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.006	ND(0.001)	0.084	ND(0.001)	ND(0.001)	ND(0.001)	0.043	ND(0.01)
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	0.064	ND(0.001)	ND(0.001)	ND(0.001)	0.035	ND(0.01)
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.007	ND(0.001)	0.098	0.001	ND(0.001)	ND(0.001)	0.056	ND(0.01)
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.017	ND(0.001)	0.14	0.002	ND(0.001)	ND(0.001)	0.12	ND(0.01)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.07	0.002J	ND(0.005)	ND(0.005)	0.072	ND(0.1)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009	ND(0.005)	0.098	0.001J	ND(0.005)	ND(0.005)	0.065	ND(0.1)
dup.	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.11	0.001J	ND(0.005)	ND(0.005)	0.073	ND(0.1)
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.079	ND(0.005)	ND(0.005)	ND(0.005)	0.059	ND(0.1)

TABLE 2. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	ACETONE (mg/L)
MW-6 cont.	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.012	ND(0.005)	0.065	ND(0.005)	ND(0.005)	ND(0.005)	0.057	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.074	ND(0.005)	ND(0.005)	ND(0.005)	0.048	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.06	ND(0.005)	ND(0.005)	ND(0.005)	0.03	ND(0.1)
MW-7	01/26/91	0.006	ND(0.001)	ND(0.001)	ND(0.005)	0.021	ND(0.001)	0.26	0.01	ND(0.001)	0.068	0.2	ND(0.01)
	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.038	ND(0.001)	0.32	0.005	ND(0.001)	0.069	0.27	ND(0.01)
dup.	09/15/91	0.009	ND(0.001)	ND(0.001)	ND(0.005)	0.034	ND(0.001)	0.31	0.006	ND(0.001)	0.069	0.28	ND(0.01)
	11/22/91	0.009	ND(0.005)	ND(0.005)	ND(0.025)	0.035	ND(0.005)	0.36	ND(0.005)	ND(0.001)	0.053	0.31	ND(0.05)
	03/16/93	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.027	ND(0.001)	0.28	0.002	ND(0.001)	0.05	0.16	ND(0.01)
	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.023	ND(0.001)	0.21	0.004	ND(0.001)	0.046	0.16	ND(0.01)
	04/19/94	0.007J	ND(0.005)	ND(0.005)	ND(0.005)	0.021	ND(0.005)	0.12	0.003J	ND(0.005)	0.038	0.12	ND(0.1)
	07/20/94	0.006	ND(0.005)	ND(0.005)	ND(0.005)	0.018	ND(0.005)	0.22	0.003J	ND(0.005)	0.04	0.16	ND(0.1)
	10/25/94	0.007	ND(0.005)	ND(0.005)	ND(0.005)	0.033	ND(0.005)	0.23	ND(0.005)	ND(0.005)	0.05	0.24	ND(0.1)
dup.	10/25/94	0.006J	ND(0.025)	ND(0.025)	ND(0.025)	0.026	ND(0.025)	0.2	ND(0.025)	ND(0.025)	0.045	0.23	ND(0.1)
	01/25/95	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.21	0.002J	ND(0.005)	0.041	0.33	ND(0.1)
	04/03/95	0.0057	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.29	ND(0.005)	ND(0.005)	0.038	0.26	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.038	ND(0.005)	0.3	ND(0.005)	ND(0.005)	0.051	0.25	ND(0.1)
MW-8	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	0.005	ND(0.001)	ND(0.001)	0.015	0.004	ND(0.001)	0.001	0.003	ND(0.01)
	09/15/91	0.007	ND(0.001)	ND(0.001)	ND(0.005)	0.017	ND(0.001)	0.101	0.007	ND(0.001)	0.039	0.05	ND(0.01)
	11/22/91	0.004	ND(0.001)	ND(0.001)	ND(0.005)	0.02	ND(0.001)	0.087	0.003	ND(0.001)	0.045	0.063	ND(0.01)
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054	0.005	ND(0.001)	0.006	0.009	ND(0.01)
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.004	ND(0.001)	0.054	0.004	ND(0.001)	0.006	0.006	ND(0.01)
dup.	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.005	ND(0.001)	0.073	0.004	ND(0.001)	0.008	0.01	ND(0.01)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	ND(0.005)	0.039	0.004J	ND(0.005)	0.004J	0.007	ND(0.1)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.004J	ND(0.005)	0.069	0.005	ND(0.005)	0.006	0.011	ND(0.1)
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.008	ND(0.005)	0.082	ND(0.005)	ND(0.005)	0.01	0.019	ND(0.1)
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.007	ND(0.005)	0.076	0.006	ND(0.005)	0.011	0.022	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0055	ND(0.005)	0.074	ND(0.005)	ND(0.005)	0.0083	0.017	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.11	ND(0.005)	ND(0.005)	0.023	0.053	ND(0.1)
MW-9	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.022	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.01)
	09/15/91	0.002	0.032	ND(0.001)	ND(0.005)	0.035	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.019
	11/22/91	0.004	0.17	ND(0.001)	ND(0.005)	0.029	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.014
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.012	ND(0.001)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	01/10/94	ND(0.001)	ND(0.001)	0.002	ND(0.005)	0.012	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.01	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009J

TABLE 2. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	ACETONE (mg/L)
MW-9 cont.	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
MW-10	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.004	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.017
	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.012	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.029	0.005	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.025	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	01/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	ND(0.001)	ND(0.001)	0.021	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.052	0.004J	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.042	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
dup.	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.057	0.005	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.07	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.13	0.0072	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
MW-11	01/26/91	0.01	ND(0.005)	ND(0.005)	ND(0.025)	0.045	ND(0.005)	0.31	ND(0.005)	ND(0.005)	0.14	0.36	ND(0.05)
	09/15/91	0.056	ND(0.001)	ND(0.001)	ND(0.005)	0.068	ND(0.001)	0.47	0.017	ND(0.001)	0.12	0.33	ND(0.01)
*	11/22/91	0.048	ND(0.001)	ND(0.001)	ND(0.005)	0.052	ND(0.001)	0.39	0.018	ND(0.001)	0.11	0.32	ND(0.01)
*	03/16/93	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.04	ND(0.001)	0.22	0.004	ND(0.001)	0.074	0.16	ND(0.01)
	01/10/94	0.005	ND(0.001)	ND(0.001)	ND(0.005)	0.042	ND(0.001)	0.25	ND(0.001)	ND(0.001)	0.083	0.32	ND(0.01)
	04/19/94	0.009	ND(0.005)	0.002J	ND(0.005)	0.042	ND(0.005)	0.17	0.006	ND(0.005)	0.079	0.17	ND(0.1)
	07/20/94	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.057	ND(0.025)	0.46	0.01J	ND(0.025)	0.12	0.36	ND(0.5)
	10/25/94	0.009	ND(0.005)	ND(0.005)	ND(0.005)	0.067	0.001J	0.22	ND(0.005)	ND(0.005)	0.11	0.3	ND(0.1)
	01/25/95	0.012	ND(0.005)	ND(0.005)	ND(0.005)	0.072	ND(0.005)	0.24	0.014	ND(0.005)	0.12	0.36	0.013J
	04/03/95	0.0085	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.41	0.013	ND(0.005)	0.1	0.43	ND(0.1)
	08/01/95	0.0065	ND(0.005)	ND(0.005)	ND(0.005)	0.05	ND(0.005)	0.36	0.014	ND(0.005)	0.083	0.33	ND(0.1)
dup.	08/01/95	0.0067	ND(0.005)	ND(0.005)	ND(0.005)	0.051	ND(0.005)	0.31	0.015	ND(0.005)	0.071	0.34	ND(0.1)
MW-12	01/26/91	0.26	0.95	0.23	4.5	0.14	ND(0.025)	ND(0.025)	0.057	ND(0.025)	0.073	0.042	2.2
	09/15/91	0.15	0.62	0.63	2.2	0.12	ND(0.001)	0.3	0.11	ND(0.001)	0.2	0.081	0.29
*	11/22/91	0.11	0.43	0.034	0.81	0.11	0.002	0.24	0.1	ND(0.001)	0.26	0.051	0.056
*	03/16/93	0.16	0.8	0.014	1.0	0.12	ND(0.001)	0.039	0.055	ND(0.001)	0.036	0.018	0.017
	01/10/94	0.16	0.87	0.026	0.99	0.15	ND(0.01)	0.075	0.053	ND(0.01)	0.07	0.024	ND(0.1)
	04/19/94	0.11	0.11	0.049	0.25	0.11	0.002J	0.064	0.065	ND(0.005)	0.073	0.033	ND(0.1)
*	07/20/94	0.16	0.72	0.071	0.61	0.15	ND(0.025)	0.073	0.075	ND(0.025)	0.086	0.022J	ND(0.5)

TABLE 2. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	ACETONE (mg/L)
MW-12 cont.	10/25/94	0.096	0.66	ND(0.025)	0.1	0.16	ND(0.025)	0.085	ND(0.025)	ND(0.025)	0.12	0.015J	ND(0.1)
*	01/25/95	0.16	0.68	0.089	0.66	0.19	ND(0.005)	0.12	0.095	ND(0.005)	0.076	0.069	0.008J
dup.	01/25/95	0.14	0.85	0.075	0.86	0.15	ND(0.005)	0.09	0.075	ND(0.005)	0.062	0.053	ND(0.1)
	04/03/95	0.15	0.79	0.2	1.1	0.16	ND(0.005)	0.11	0.096	ND(0.005)	0.043	0.056	ND(0.1)
	08/01/95	0.13	0.7	0.28	1.4	0.17	ND(0.025)	0.15	0.079	ND(0.025)	0.098	0.059	ND(0.5)
MW-13	09/15/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.03	0.002	0.038	0.005	ND(0.001)	0.004	0.24	ND(0.01)
	11/22/91	0.43	ND(0.001)	ND(0.001)	ND(0.005)	0.016	0.001	0.025	0.002	ND(0.001)	0.002	0.11	ND(0.01)
	03/16/93	0.033	ND(0.001)	ND(0.001)	ND(0.005)	0.013	ND(0.001)	0.014	ND(0.001)	ND(0.001)	0.002	0.062	ND(0.01)
dup.	03/16/93	0.034	ND(0.001)	ND(0.001)	ND(0.005)	0.013	0.001	0.015	ND(0.001)	ND(0.001)	0.002	0.066	ND(0.01)
	01/10/94	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.016	ND(0.001)	0.007	ND(0.001)	ND(0.001)	0.003	0.055	ND(0.01)
	04/19/94	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.011	0.001J	0.003J	ND(0.005)	ND(0.005)	0.003J	0.032	ND(0.1)
	07/20/94	0.016	ND(0.005)	ND(0.005)	ND(0.005)	0.016	0.001J	0.005J	ND(0.005)	ND(0.005)	0.004J	0.034	ND(0.1)
	10/25/94	0.011	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	0.004J	ND(0.005)	ND(0.005)	0.004J	0.04	ND(0.1)
	01/22/95	0.008	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	0.002J	ND(0.005)	ND(0.005)	0.005	0.029	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.013	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.0066	0.025	ND(0.1)
MW-14	09/15/91	0.022	ND(0.001)	ND(0.001)	ND(0.005)	0.13	0.002	0.3	0.014	0.001	0.002	0.46	ND(0.01)
	11/22/91	0.002	ND(0.001)	ND(0.001)	ND(0.005)	0.14	0.002	0.31	0.009	ND(0.001)	0.002	0.4	ND(0.01)
dup.	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.11	0.002	0.32	0.01	ND(0.001)	ND(0.001)	0.44	ND(0.01)
	03/16/93	0.02	ND(0.001)	ND(0.001)	ND(0.005)	0.08	0.001	0.18	0.004	ND(0.001)	0.002	0.21	ND(0.01)
	01/10/94	0.011	ND(0.001)	ND(0.001)	ND(0.005)	0.057	ND(0.001)	0.1	ND(0.001)	ND(0.001)	0.002	0.3	0.011
	04/19/94	0.005	ND(0.005)	ND(0.005)	ND(0.005)	0.058	ND(0.005)	0.056	0.001J	ND(0.005)	ND(0.005)	0.16	ND(0.1)
	07/20/94	0.01J	ND(0.025)	ND(0.025)	ND(0.025)	0.072	ND(0.025)	0.11	ND(0.025)	ND(0.025)	ND(0.025)	0.21	ND(0.5)
	10/25/94	0.01	ND(0.005)	ND(0.005)	ND(0.005)	0.079	0.001J	0.094	ND(0.005)	ND(0.005)	ND(0.005)	0.23	ND(0.1)
	01/25/95	0.004J	ND(0.005)	ND(0.005)	ND(0.005)	0.083	ND(0.005)	0.07	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.063	ND(0.005)	0.058	ND(0.005)	ND(0.005)	ND(0.005)	0.13	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.074	ND(0.005)	0.072	ND(0.005)	ND(0.005)	ND(0.005)	0.098	ND(0.1)
MW-15	09/15/91	0.002	0.01	ND(0.001)	0.006	0.026	0.001	0.005	ND(0.001)	ND(0.001)	ND(0.001)	0.004	0.024
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.033	0.001	0.009	ND(0.001)	ND(0.001)	0.003	0.006	ND(0.01)
*	03/16/93	0.001	0.002	ND(0.001)	ND(0.005)	0.082	0.001	0.013	ND(0.001)	ND(0.001)	0.008	0.009	ND(0.01)
	01/10/94	ND(0.001)	0.008	ND(0.001)	ND(0.005)	0.048	ND(0.001)	0.009	ND(0.001)	ND(0.001)	0.004	0.013	ND(0.01)
dup.	01/10/94	0.001	0.009	0.002	ND(0.005)	0.054	ND(0.001)	0.01	ND(0.001)	ND(0.001)	0.004	0.015	ND(0.01)
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.005J	ND(0.005)	ND(0.005)	0.003J	0.008	ND(0.1)
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.049	0.001J	0.006	ND(0.005)	ND(0.005)	0.004J	0.005	ND(0.1)
	10/25/94	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.004J	0.008	ND(0.1)

TABLE 2. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES, DOWELL, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	ACETONE (mg/L)
MW-15 cont.	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.005	0.008	ND(0.1)
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.02	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.022	ND(0.005)	0.0057	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)
MW-17D	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.062	ND(0.005)	0.018	0.012	ND(0.005)	0.019	0.014	ND(0.1)
	08/01/95	0.013	ND(0.005)	ND(0.005)	ND(0.005)	0.095	ND(0.005)	0.058	0.02	ND(0.005)	0.052	0.028	ND(0.1)
MW-17A	04/03/95	0.0087	ND(0.005)	ND(0.005)	ND(0.005)	0.079	ND(0.005)	0.061	0.029	ND(0.005)	0.025	0.066	ND(0.1)
	08/01/95	0.01	ND(0.005)	ND(0.005)	ND(0.005)	0.085	ND(0.005)	0.075	0.025	ND(0.005)	0.037	0.064	ND(0.1)
MW-17B	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.036	ND(0.005)	0.18	0.019	ND(0.005)	ND(0.005)	0.18	ND(0.1)
	08/01/95	0.0062	ND(0.005)	ND(0.005)	ND(0.005)	0.04	ND(0.005)	0.19	0.02	ND(0.005)	0.026	0.18	ND(0.1)
	08/01/95	0.0081	ND(0.005)	ND(0.005)	ND(0.005)	0.049	ND(0.005)	0.25	0.023	ND(0.005)	0.03	0.32	ND(0.1)
MW-17C #	04/03/95	0.032	0.06	0.0051	0.054	0.058	ND(0.005)	0.099	ND(0.005)	ND(0.005)	0.091	0.013	ND(0.1)
2nd #	04/03/95	0.034	0.057	ND(0.005)	0.045	0.063	ND(0.005)	0.11	ND(0.005)	ND(0.005)	0.095	0.017	ND(0.1)
#	08/01/95	0.022	0.047	ND(0.005)	ND(0.005)	0.073	ND(0.005)	0.14	ND(0.005)	ND(0.005)	0.12	0.012	ND(0.1)
MW-18	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.017	ND(0.005)	0.093	ND(0.005)	ND(0.005)	0.034	0.071	ND(0.1)
	0.0842105263	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.024	ND(0.005)	0.17	ND(0.005)	ND(0.005)	0.039	0.087	ND(0.1)
MW-19	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.011	ND(0.005)	0.15	ND(0.005)	ND(0.005)	ND(0.005)	0.11	ND(0.1)
	08/01/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	0.17	ND(0.005)	ND(0.005)	ND(0.005)	0.14	ND(0.1)

NOTES:

mg/L = milligrams per liter (equivalent to parts per million)
ND(0.001) = chemical not detected at detection limit shown in parentheses
dup. = duplicate sample
* = minor amounts of other chemicals also detected (see previous laboratory reports)
# = minor amounts of other chemicals also detected (see laboratory analytical reports appended to this letter)

CHEMICAL ABBREVIATIONS:
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
1,1,2-TCA = 1,1,2-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

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50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

SOUTHEAST READY MIX

50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

CITY WATER LINE

GAS LINE

COMPRESSOR

FRAC SAND SILOS

BULK CEMENT

CEMENT WARE-HOUSE

CONCRETE PAD

WELL EQUIPMENT STORAGE

FORMER ACID PLANT

CHEMICAL WARE-HOUSE

ACID LOADING SLAB

FORMER SUMP

MW-15 85.23

WASTEWATER TANK

DRUM STORAGE

SEPARATOR

WASH BAY

WASH BAY SVE SYSTEM

MW-9 84.88

MW-10 84.52

MW-8 84.53

MW-18 84.51

MW-11 84.57

MW-7 84.66

MW-12 84.73

MW-17C 84.67

MW-17B 84.78

MW-17A/D 84.82/84.81

PILOT HOLE

MW-19 84.79

MW-3 84.99

MW-6 84.96

84.60

84.80

85.00

85.20

60 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

DOWELL SCHLUMBERGER FACILITY

GRAVEL PARKING AREA

ABOVE GROUND OIL STORAGE

FORMER FUEL USTs

FORMER FUEL ISLAND

MW-1 85.80

MW-16

MW-4 85.92

MAINTENANCE SHOP

MW-5 85.70

MW-2 85.75

MAINTENANCE SHOP SVE SYSTEM

OFFICE

SEPTIC TANKS

MW-13 85.41

MW-14 85.30

85.40

85.60

85.80

GRAVEL PARKING AREA

GATE

GATE

RICHEY AVENUE

SOUTHEAST READY MIX

0 60 FT.

SCALE

EXPLANATION

MW-14 85.30	WWC MONITORING WELL LOCATION, IDENTIFICATION, AND GROUND-WATER ELEVATION
MW-6 84.42	REED AND ASSOCIATES MONITORING WELL LOCATION, IDENTIFICATION, AND GROUND-WATER ELEVATION
TBM	TEMPORARY BENCH MARK
85.20	POTENTIOMETRIC SURFACE CONTOUR
	GROUND-WATER FLOW DIRECTION
	AIR PIPING
	SVE EXTRACTION WELL

FIGURE 1

POTENTIOMETRIC SURFACE (07/31/95)

DOWELL SCHLUMBERGER
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

BASE MAP MODIFIED FROM REED & ASSOCIATES

manifold. These measurements are reported in Tables 3 (maintenance shop SVE) and 4 (wash bay SVE). For each SVE system, the differences between the blower and system manifold measurements are small, indicating that the filters are not plugged.

Volatile Organics in Soil Vapors

During each monitoring event, an HNu photoionization detector (PID) is used to measure the concentrations of volatile organics in the extracted soil vapor and in the exhaust at each system. These date are presented in Tables 5 (maintenance shop SVE) and 6 (wash bay SVE). Periodically vapor samples are collected for laboratory analysis for volatile organics using EPA Method 8260. These data are summarized in Table 7 and copies of the laboratory analytical reports have been presented in previous reports. No vapor samples were collected for laboratory analysis during the third quarter of 1995.

Maintenance

The systems have been operating almost continuously since startup, and have required relatively little maintenance. Minor problems have been corrected as they occur. No maintenance problems were present during the third quarter of 1995. The next scheduled SVE monitoring/maintenance event at the facility will be conducted in mid-October 1995. Vapor samples for laboratory analysis will also be collected at this time.

TABLE 3. OPERATIONAL CONDITIONS, MAINTENANCE SHOP SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	VACUUM (INCHES OF WATER) ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER
01/31/94	0.0				
02/01/94	5.1	44	48	48	50
02/02/94	23.2			48	50
02/03/94	47.8			41	46
02/10/94	219.4			43	45
02/16/94	362.1	30	35		
02/23/94	531.0			37	41
03/04/94	748.6	27	32		
03/11/94	915.3			37	41
03/18/94	1086.1	28	33		
03/28/94	1325.8	29	34		
04/08/94	1583.0			38	42
04/19/94	1857.6	31	36	33	38
05/06/94	2256.0	46	48	48	50
05/18/94				47	49
06/01/94				51	53
06/16/94	3099.9	49	52	48	51
07/06/94	3100.1	50	52	47	49
07/21/94	3457.6	44	49	52	54
08/09/94	3899.9	51	54	49	52
09/07/94	4093.7	48	50	48	49
09/30/94	4647.1	52	54	49	51
10/11/94	4911.1	53	55	48	51
11/03/94	5445.6	58	60	54	57
12/05/94	6204.9	57	62	57	61
01/25/95	7397.0	59	62	54	60
04/05/95	9047.5	50	65	47	58
05/09/95	9838.5	55	64	50	60
06/18/95	10783.6	54	63	50	60
07/11/95	11325.9	54	63	53	63

TABLE 4. OPERATIONAL CONDITIONS, WASH BAY SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	VACUUM (INCHES OF WATER) ZONE 1 MANIFOLD	ZONE 1 BLOWER	ZONE 2 MANIFOLD	ZONE 2 BLOWER	ZONE 3 MANIFOLD	ZONE 3 BLOWER
01/31/94	0.0						
02/01/94	5.3	43	44	41	42	43	44
02/02/94	20.6	40	42				
02/03/94	45.3	38	42			43	45
02/10/94	217.7	34	38				
02/16/94	359.7					41	43
02/23/94	528.5					39	42
03/04/94	746.2	32	36				
03/11/94	912.0					39	40
03/18/94	1083.9			33	37		
03/28/94	1322.8	32	36				
04/08/94	1581.2			32	36		
04/19/94	1855.2	31	34	33	36	35	38
05/06/94	2253.8	41	44	45	46	43	44
05/18/94						43	44
06/01/94		44	44				
06/16/94	3241.2	44	45	46	47	46	47
07/06/94	3712.1	43	44	44	45	45	45
07/21/94	3858.3	43	45	48	48	50	51
08/09/94	3859.7	43	44	45	46	45	46
09/07/94	4519.5	44	45	46	47		
09/30/94	5073.4	44	47	44	46	49	50
10/11/94	5328.8	48	50	41	44	48	50
11/03/94	5864.3	39	43	57	58	58	58
12/05/94	6546.8	57	58	57	58	58	59
01/25/95	7738.0	45	50	58	58	60	58
04/05/95	8682.1						
04/06/95		(S)42 (N)40	44	(S)54 (N)52	48	(S)55 (N)55	48
05/09/95	9489.0	(S)47 (N)45	42				
06/18/95	10418.2	(S)47 (N)45	42	(S)54 (N)52	48	(S)55 (N)55	48
07/11/95	10960.5	(S)47 (N)45	42	(S)54 (N)52	48	(S)55 (N)55	48

Note: In April 1995, the wash bay SVE system was expanded. Each zone now has a south (S) and a north (N) subzone.

TABLE 5. VOLATILE ORGANIC COMPOUNDS, MAINTENANCE SHOP SVE SYSTEM, DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	HNu READING (PPM)		
		EXHAUST	ZONE 1	ZONE 2
02/03/94	47.8	0	4	35
02/10/94	219.4	0	1	12
02/16/94	362.1	0	1	6
02/23/94	531.0	3	3	8
03/04/94	748.6	0	1	6
03/11/94	915.3	3	3	7
03/18/94	1086.1	0	0	2
03/28/94	1325.8	0	0	2
04/08/94	1583.0	0	0	3.5
05/18/94		0		
07/06/94	3100.1	0	0	0
07/21/94	3457.6	0	0	0
08/09/94	3899.9	0	0	1
09/06/94	4093.7	0	0	1
09/30/94	4647.1	0	0.5	1
10/11/94	4911.1	3	1.8	1
11/03/94	5445.6	22	4.5	6.3
12/05/94	6204.9	4	2	5
01/25/95	7397.0	11	0	50
04/05/95	9047.5	21	5	5
05/09/95	9838.5	1.4	0	3
06/18/95	10783.6	3.6	6	8
07/11/95	11325.9	1.6	2	2

TABLE 6. VOLATILE ORGANIC COMPOUNDS, WASH BAY SVE SYSTEM DOWELL, ARTESIA, NEW MEXICO

DATE	HOUR METER	HNu READING (PPM) EXHAUST	ZONE 1	ZONE 2	ZONE 3
02/03/94	45.3	2	84	110	180
02/10/94	217.7	0	56	69	137
02/16/94	359.7	0	23	37	133
02/23/94	528.5	3	22	54	118
03/04/94	746.2	3	42	46	91
03/11/94	912.0	7	44	42	93
03/18/94	1083.9	40	33	44	77
03/28/94	1322.8	18	26	13	21
04/08/94	1581.2	7	29	39	67
05/18/94		0			
07/06/94	3712.1	1	24	66	135
07/21/94	3858.3	0	110	48	71
08/09/94	3859.7	1	31	67	126
09/06/94	4519.5	0	29	40	79
09/30/94	5073.4	44	33/51	69/133	95/161
10/11/94	5328.8	7	43	78	118
11/03/94	5864.3	8	151	434	745
12/05/94	6546.8	4	30	152	240
01/25/95		2	35	200	220
04/05/95	8682.1	0	46	119	199
			(S)51	(S)347	(S)419
			(N)218	(N)125	(N)408
04/06/95		0	62	156	194
			(S)92	(S)348	(S)256
			(N)301	(N)567	(N)767
05/09/95	9473.1	151	24	78	80
			(S)42	(S)125	(S)217
			(N)126	(N)337	(N)480
06/18/95	10418.2	78	23	122	168
			(S)35	(S)90	(S)238
			(N)153	(N)267	(N)368
07/11/95	10960.5	0	15	28	48
			(S)48	(S)78	(S)84
			(N)5	(N)48	(N)65

Note: In April 1995, the wash bay SVE system was expanded. Each zone now has a south (S) and a north (N) subzone.

TABLE 7. SUMMARY OF LABORATORY ANALYSES OF SOIL VAPOR SAMPLES, *DOWELL, ARTESIA, NEW MEXICO*

SVE ZONE	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	2-BUTANONE (mg/L)
MS-1	02/10/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	7
	02/16/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(1)	ND(2)
	02/23/94	ND(0.5)	ND(0.5)	0.51	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	1.4
	03/04/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	3
	03/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	5.6	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/28/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.1	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	21.3	ND(1)	ND(1)	ND(0.5)	1.9
	05/06/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	6.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	4	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(1)	ND(1)	ND(1)	ND(1)
MS-2	02/03/94	0.7	0.2	ND(0.5)	ND(0.5)	1.6	ND(0.5)	ND(0.5)	2.2	ND(0.5)	0.68	140	ND(2)
	02/10/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	27.25	ND(2)
	02/16/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	14.5	ND(2)
	02/23/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	50.2	1.8
	03/04/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	8.5	ND(1)
	03/11/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	17.6	ND(1)
	03/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	15.9	ND(1)
	03/28/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.2	ND(1)	ND(1)	6.9	ND(1)
	04/08/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	1.2	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	2.5	ND(1)	ND(1)	12.1	2.5
	05/06/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	1.6	ND(0.5)	ND(0.5)	6.8	ND(10)
	05/18/94	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	4	ND(0.5)	ND(0.5)	6.9	ND(10)
	06/01/94	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	4	ND(1)	ND(1)	12	ND(1)
	09/07/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.305	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	12/05/94	ND(0.001)	ND(0.001)	ND(0.001)	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.196	ND(0.001)
	01/25/95	ND(0.04)	ND(0.04)	ND(0.04)	0.12	ND(0.04)	ND(0.04)	ND(0.04)	0.93	ND(0.04)	ND(0.04)	0.07	ND(0.04)
	05/09/95	ND(0.2)	ND(0.2)	ND(0.2)	0.4	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.68	ND(0.2)
WB-1	02/10/94	ND(1)	3.57	2.98	12.6	ND(2)	ND(2)	ND(2)	4.07	ND(2)	ND(2)	ND(2)	ND(2)
	02/16/94	ND(1)	1.2	1.1	10.4	ND(2)	ND(2)	ND(2)	3.7	ND(2)	ND(2)	14.5	9.1
	02/23/94	ND(0.5)	2.2	2.4	18.3	ND(1)	ND(1)	ND(1)	6.1	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/04/94	ND(0.5)	2.6	2.5	21.2	ND(1)	ND(1)	ND(1)	6.6	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	2.6	2.9	16.1	ND(1)	ND(1)	ND(1)	9.3	ND(1)	ND(1)	17.6	4.1
	03/18/94	ND(0.5)	14.6	1.8	ND(0.5)	ND(1)	ND(1)	ND(1)	3.5	ND(1)	ND(1)	ND(0.5)	21.3
	03/28/94	ND(0.5)	0.9	1.2	8	ND(1)	ND(1)	ND(1)	3.4	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	ND(0.5)	ND(0.5)	4.6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	ND(0.5)	ND(0.5)	5.9	ND(1)	ND(1)	ND(1)	2.8	ND(1)	ND(1)	ND(0.5)	1.2

TABLE 7. SUMMARY OF LABORATORY ANALYSES OF SOIL VAPOR SAMPLES, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	2-BUTANONE (mg/L)
WB-1 (cont.)	05/06/94	ND(0.5)	1.1	1.7	5.8	ND(0.5)	ND(0.5)	ND(1)	3.9	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	0.8	ND(0.5)	8.4	ND(0.5)	ND(0.5)	ND(1)	1.8	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	3	ND(1)	6	ND(1)	ND(1)	ND(1)	4	ND(1)	ND(1)	2	ND(1)
	07/06/94	ND(1)	5	1	11	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	08/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	09/07/94	ND(0.001)	0.293	0.093	0.609	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	12/05/94	ND(0.001)	0.188	0.144	NA	ND(0.001)	ND(0.001)	ND(0.001)	0.266	ND(0.001)	ND(0.001)	0.044	ND(0.001)
	01/25/95	ND(0.04)	0.155	0.12	1.19	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)
	05/09/95	ND(0.2)	0.78	0.8	8.24	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.28	ND(0.2)
WB-2	02/10/94	1.67	5.03	10.13	14.9	ND(2)	ND(2)	ND(2)	8.34	ND(2)	ND(2)	ND(2)	14.71
	02/16/94	ND(1)	3	4.8	29.9	ND(2)	ND(2)	ND(2)	6.5	ND(2)	ND(2)	14.5	6.7
	02/23/94	1.4	9.3	16.4	53.2	ND(1)	ND(1)	ND(1)	12.6	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/04/94	ND(0.5)	5.3	9.5	39.7	ND(1)	ND(1)	ND(1)	12.1	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	5.4	10.9	23.2	ND(1)	ND(1)	ND(1)	12.1	ND(1)	ND(1)	ND(0.5)	26.7
	03/18/94	0.7	4.8	9.6	28.1	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	18.7
	03/28/94	ND(0.5)	1.9	3.5	12.8	ND(1)	ND(1)	ND(1)	5	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	1.1	1.5	8.4	ND(1)	ND(1)	ND(1)	2	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	4.1	5.8	27.5	ND(1)	ND(1)	ND(1)	6.8	ND(1)	ND(1)	ND(0.5)	1.6
	05/06/94	ND(0.5)	3.7	4.5	30	ND(0.5)	ND(0.5)	ND(1)	3	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	05/18/94	ND(0.5)	5.3	6	44.2	ND(0.5)	ND(0.5)	ND(1)	2.8	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	7	ND(1)	15	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	07/06/94	ND(1)	5	8	42	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
	08/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	09/07/94	ND(0.001)	0.449	0.411	4.117	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	1.28
	12/05/94	0.239	1.4	1.655	NA	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.23	ND(0.001)
	01/25/95	ND(0.04)	0.69	0.91	10.67	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)	ND(0.04)
	05/09/95	ND(0.2)	0.91	5.44	14.67	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
WB-3	02/03/94	5.5	22	78	153	1.2	ND(0.5)	2.8	26	ND(0.5)	ND(0.5)	5.2	ND(2)
	02/10/94	ND(1)	15.6	64.6	46.9	ND(2)	ND(2)	ND(2)	11.4	ND(2)	ND(2)	ND(2)	31.33
	02/16/94	ND(1)	ND(1)	25.7	44.5	ND(2)	ND(2)	ND(2)	11	ND(2)	ND(2)	ND(1)	ND(2)
	02/23/94	3.5	17.5	73.2	99.1	ND(1)	ND(1)	ND(1)	19.3	ND(1)	ND(1)	1.6	1.4
	03/04/94	2.1	10.6	44.9	60.9	ND(1)	ND(1)	ND(1)	14.7	ND(1)	ND(1)	ND(0.5)	ND(1)
	03/11/94	ND(0.5)	13.3	ND(0.5)	14.3	ND(1)	ND(1)	ND(1)	17.9	ND(1)	ND(1)	ND(0.5)	3.8
	03/18/94	ND(0.5)	10.1	38.3	57.2	ND(1)	ND(1)	ND(1)	11	ND(1)	ND(1)	ND(0.5)	46.4
	03/28/94	1.2	5.7	21.4	30.8	ND(1)	ND(1)	ND(1)	8.1	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/08/94	ND(0.5)	1.5	2.4	9.4	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(1)
	04/20/94	ND(0.5)	10.6	27.6	31.8	ND(1)	ND(1)	ND(1)	11.1	ND(1)	ND(1)	ND(0.5)	13.3

TABLE 7. SUMMARY OF LABORATORY ANALYSES OF SOIL VAPOR SAMPLES, DOWELL, ARTESIA, NEW MEXICO

SVE ZONE	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	2-BUTANONE (mg/L)
WB-3	05/06/94	ND(0.5)	6.8	17.5	38.9	ND(0.5)	ND(0.5)	ND(1)	6	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
(cont.)	05/18/94	ND(0.5)	6.2	8.1	43.9	ND(0.5)	ND(0.5)	ND(1)	1.9	ND(0.5)	ND(0.5)	ND(0.5)	ND(10)
	06/01/94	ND(1)	4	7	34	ND(1)	ND(1)	ND(1)	4	ND(1)	ND(1)	ND(1)	ND(1)
	07/06/94	ND(1)	11	22	73	ND(1)	ND(1)	ND(1)	3	ND(1)	ND(1)	ND(1)	ND(1)
	08/10/94	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	09/07/94	ND(0.001)	1.349	2.903	10.32	ND(0.001)	ND(0.001)	ND(0.001)	0.156	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
	12/05/94	0.541	2.62	5.86	NA	0.059	ND(0.001)	0.029	ND(0.001)	ND(0.001)	ND(0.001)	0.723	ND(0.001)
	01/25/95	0.08	2.75	1.49	23.23	ND(0.04)	ND(0.04)	ND(0.04)	0.41	ND(0.04)	ND(0.04)	0.37	ND(0.04)
	05/09/95	ND(0.2)	2.3	5	25.72	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.4	ND(0.2)
WB-N1	05/09/95	1.27	5.43	19.7	80.19	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.88	ND(0.2)
WB-N2	05/09/95	2.13	5.57	22.5	51.92	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.17	ND(0.2)
WB-N3	05/09/95	0.58	2.38	8.08	18.57	ND(0.2)	ND(0.2)	0.23	ND(0.2)	ND(0.2)	ND(0.2)	0.6	ND(0.2)

NOTES:

ND(1) = chemical not detected at detection limit shown in parentheses
NA = not analyzed

In April 1995, the washbay SVE system was expanded. Each zone now has a south (S) and a new north (N) subzone.
MS = maintenance shop SVE system
WB = wash bay SVE system

CHEMICAL ABBREVIATIONS:
1,1-DCA = 1,1-dichloroethane
1,2-DCA = 1,2-dichloroethane
1,1-DCE = 1,1-dichloroethene
1,1,1-TCA = 1,1,1-trichloroethane
1,1,2-TCA = 1,1,2-trichloroethane
TCE = trichloroethene
PCE = tetrachloroethene

APPENDICES

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.1-8/95
Project Number: 90-125
Sample ID: L1869-1
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 15:20					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	82	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	7.5	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.1-8/95
Project Number: 90-125
Sample ID: L1869-1
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	107	%	
Toluene-d8	SURROGATE	1	104	%	
4-Bromofluorobenzene	SURROGATE	1	91	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.2-8/95
Project Number: 90-125
Sample ID: L1869-2
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-2

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 16:03					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	32	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	27	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	21	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.2-8/95
Project Number: 90-125
Sample ID: L1869-2
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-2

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	33	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	110	%	
Toluene-d8	SURROGATE	1	98	%	
4-Bromofluorobenzene	SURROGATE	1	95	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.3-8/95
Project Number: 90-125
Sample ID: L1869-3
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-3

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 16:45					
Acetone	67-64-1	10	ND	ug/L	1000
Acetonitrile	75-05-8	10	ND	ug/L	1000
Acrolein	107-02-8	10	ND	ug/L	1000
Acrylonitrile	107-13-1	10	ND	ug/L	1000
Allyl chloride	107-05-1	10	ND	ug/L	50
Benzene	71-43-2	10	88	ug/L	50
Benzyl chloride	100-44-7	10	ND	ug/L	1000
Bromodichloromethane	75-27-4	10	ND	ug/L	50
Bromoform	75-25-2	10	ND	ug/L	50
Bromomethane	74-83-9	10	ND	ug/L	100
2-Butanone	78-93-3	10	ND	ug/L	1000
Carbon disulfide	75-15-0	10	ND	ug/L	1000
Carbon tetrachloride	56-23-5	10	ND	ug/L	50
Chlorobenzene	108-90-7	10	ND	ug/L	50
Chlorodibromomethane	74-95-3	10	ND	ug/L	50
Chloroethane	75-00-3	10	ND	ug/L	100
2-Chloroethyl vinyl ether	110-75-8	10	ND	ug/L	100
Chloroform	67-66-3	10	ND	ug/L	50
Chloromethane	74-87-3	10	ND	ug/L	100
Chloroprene	126-99-8	10	ND	ug/L	50
1,2-Dibromo-3-chloropropane	96-12-8	10	ND	ug/L	1000
1,2-Dibromoethane	106-93-4	10	ND	ug/L	50
Dibromomethane	74-95-3	10	ND	ug/L	50
1,4-Dichloro-2-butene	764-41-0	10	ND	ug/L	1000
Dichlorodifluoromethane	75-71-8	10	ND	ug/L	100
1,1-Dichloroethane	75-35-4	10	230	ug/L	50
1,2-Dichloroethane	107-06-2	10	ND	ug/L	50
1,1-Dichloroethene	75-34-3	10	89	ug/L	50
cis-1,2-Dichloroethene	156-59-2	10	ND	ug/L	50
trans-1,2-Dichloroethene	156-60-5	10	ND	ug/L	50
1,2-Dichloropropane	78-87-5	10	ND	ug/L	50
cis-1,3-Dichloropropene	10061-01-5	10	ND	ug/L	50
trans-1,3-Dichloropropene	10061-02-6	10	ND	ug/L	50
Ethylbenzene	100-41-4	10	950	ug/L	50
Ethyl methacrylate	97-63-2	10	ND	ug/L	50
2-Hexanone	591-78-6	10	ND	ug/L	500
Isobutyl alcohol	78-83-1	10	ND	ug/L	1000

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report

Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.3-8/95
Project Number: 90-125
Sample ID: L1869-3
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	10	ND	ug/L	1000
Methylene chloride	75-09-2	10	ND	ug/L	50
Methyl iodide	74-88-4	10	ND	ug/L	50
Methyl methacrylate	80-62-6	10	ND	ug/L	500
4-Methyl-2-pentanone	108-10-1	10	ND	ug/L	500
Pentachloroethane	76-01-7	10	ND	ug/L	100
Propionitrile	107-12-0	10	ND	ug/L	1000
Styrene	100-42-5	10	ND	ug/L	50
1,1,1,2-Tetrachloroethane	630-20-6	10	ND	ug/L	50
1,1,2,2-Tetrachloroethane	79-34-5	10	ND	ug/L	50
Tetrachloroethene	127-18-4	10	ND	ug/L	50
Toluene	108-88-3	10	190	ug/L	50
1,1,1-Trichloroethane	71-55-6	10	ND	ug/L	50
1,1,2-Trichloroethane	79-00-5	10	ND	ug/L	50
Trichloroethene	79-01-6	10	81	ug/L	50
1,2,3-Trichloropropane	96-18-4	10	ND	ug/L	50
Vinyl acetate	108-05-4	10	ND	ug/L	500
Vinyl chloride	75-01-4	10	ND	ug/L	20
Xylene (Total)	1330-20-7	50	6500	ug/L	250
Dibromofluoromethane	SURROGATE	1	109	%	
Toluene-d8	SURROGATE	1	94	%	
4-Bromofluorobenzene	SURROGATE	1	124	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.4-8/95
Project Number: 90-125
Sample ID: L1869-4
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 11-AUG-95					
Analysis Date: 11-AUG-95 15:03					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	69	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	50	570	ug/L	250
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.4-8/95
Project Number: 90-125
Sample ID: L1869-4
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	5.4	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	118	%	
Toluene-d8	SURROGATE	1	109	%	
4-Bromofluorobenzene	SURROGATE	1	109	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.5-8/95
Project Number: 90-125
Sample ID: L1869-5
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 18:09					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	170	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	13	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	82	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.5-8/95
Project Number: 90-125
Sample ID: L1869-5
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-5

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	49	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	18	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	112	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	107	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report

Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.6-8/95
Project Number: 90-125
Sample ID: L1869-6
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 20-SEP-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 18:09					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	13	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	60	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Ty Garber Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.6-8/95
Project Number: 90-125
Sample ID: L1869-6
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 20-SEP-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	30	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	111	%	
Toluene-d8	SURROGATE	1	100	%	
4-Bromofluorobenzene	SURROGATE	1	91	%	

Review By: Ty Garber

Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.7-8/95
Project Number: 90-125
Sample ID: L1869-7
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 19:33					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	38	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	10	300	ug/L	50
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Type I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.7-8/95
Project Number: 90-125
Sample ID: L1869-7
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	10	250	ug/L	50
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	51	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	120	%	
Toluene-d8	SURROGATE	1	100	%	
4-Bromofluorobenzene	SURROGATE	1	119	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.8-8/95
Project Number: 90-125
Sample ID: L1869-8
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 11-AUG-95					
Analysis Date: 11-AUG-95 14:20					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	15	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	110	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.8-8/95
Project Number: 90-125
Sample ID: L1869-8
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	53	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	23	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	107	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	96	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.9-8/95
Project Number: 90-125
Sample ID: L1869-9
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 20:57					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	22	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.9-8/95
Project Number: 90-125
Sample ID: L1869-9
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	114	%	
Toluene-d8	SURROGATE	1	103	%	
4-Bromofluorobenzene	SURROGATE	1	102	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.10-8/95
Project Number: 90-125
Sample ID: L1869-10
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 21:40					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	130	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125.10-8/95
Project Number: 90-125
Sample ID: L1869-10
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-10

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	7.2	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	109	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	97	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.11-8/95
Project Number: 90-125
Sample ID: L1869-11
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 11-AUG-95					
Analysis Date: 11-AUG-95 18:36					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	6.5	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	50	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	50	360	ug/L	250
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.11-8/95
Project Number: 90-125
Sample ID: L1869-11
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	50	330	ug/L	250
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	14	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	63	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	109	%	
Toluene-d8	SURROGATE	1	94	%	
4-Bromofluorobenzene	SURROGATE	1	100	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.12-8/95
Project Number: 90-125
Sample ID: L1869-12
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 09-AUG-95					
Analysis Date: 09-AUG-95 23:04					
Acetone	67-64-1	5	ND	ug/L	500
Acetonitrile	75-05-8	5	ND	ug/L	500
Acrolein	107-02-8	5	ND	ug/L	500
Acrylonitrile	107-13-1	5	ND	ug/L	500
Allyl chloride	107-05-1	5	ND	ug/L	25
Benzene	71-43-2	5	130	ug/L	25
Benzyl chloride	100-44-7	5	ND	ug/L	500
Bromodichloromethane	75-27-4	5	ND	ug/L	25
Bromoform	75-25-2	5	ND	ug/L	25
Bromomethane	74-83-9	5	ND	ug/L	50
2-Butanone	78-93-3	5	ND	ug/L	500
Carbon disulfide	75-15-0	5	ND	ug/L	500
Carbon tetrachloride	56-23-5	5	ND	ug/L	25
Chlorobenzene	108-90-7	5	ND	ug/L	25
Chlorodibromomethane	74-95-3	5	ND	ug/L	25
Chloroethane	75-00-3	5	ND	ug/L	50
2-Chloroethyl vinyl ether	110-75-8	5	ND	ug/L	50
Chloroform	67-66-3	5	ND	ug/L	25
Chloromethane	74-87-3	5	ND	ug/L	50
Chloroprene	126-99-8	5	ND	ug/L	25
1,2-Dibromo-3-chloropropane	96-12-8	5	ND	ug/L	500
1,2-Dibromoethane	106-93-4	5	ND	ug/L	25
Dibromomethane	74-95-3	5	ND	ug/L	25
1,4-Dichloro-2-butene	764-41-0	5	ND	ug/L	500
Dichlorodifluoromethane	75-71-8	5	ND	ug/L	50
1,1-Dichloroethane	75-35-4	5	170	ug/L	25
1,2-Dichloroethane	107-06-2	5	ND	ug/L	25
1,1-Dichloroethene	75-34-3	5	150	ug/L	25
cis-1,2-Dichloroethene	156-59-2	5	ND	ug/L	25
trans-1,2-Dichloroethene	156-60-5	5	ND	ug/L	25
1,2-Dichloropropane	78-87-5	5	ND	ug/L	25
cis-1,3-Dichloropropene	10061-01-5	5	ND	ug/L	25
trans-1,3-Dichloropropene	10061-02-6	5	ND	ug/L	25
Ethylbenzene	100-41-4	5	700	ug/L	25
Ethyl methacrylate	97-63-2	5	ND	ug/L	25
2-Hexanone	591-78-6	5	ND	ug/L	250
Isobutyl alcohol	78-83-1	5	ND	ug/L	500

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.12-8/95
Project Number: 90-125
Sample ID: L1869-12
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-12

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	5	ND	ug/L	500
Methylene chloride	75-09-2	5	ND	ug/L	25
Methyl iodide	74-88-4	5	ND	ug/L	25
Methyl methacrylate	80-62-6	5	ND	ug/L	250
4-Methyl-2-pentanone	108-10-1	5	ND	ug/L	250
Pentachloroethane	76-01-7	5	ND	ug/L	50
Propionitrile	107-12-0	5	ND	ug/L	500
Styrene	100-42-5	5	ND	ug/L	25
1,1,1,2-Tetrachloroethane	630-20-6	5	ND	ug/L	25
1,1,2,2-Tetrachloroethane	79-34-5	5	ND	ug/L	25
Tetrachloroethene	127-18-4	5	59	ug/L	25
Toluene	108-88-3	5	280	ug/L	25
1,1,1-Trichloroethane	71-55-6	5	79	ug/L	25
1,1,2-Trichloroethane	79-00-5	5	ND	ug/L	25
Trichloroethene	79-01-6	5	98	ug/L	25
1,2,3-Trichloropropane	96-18-4	5	ND	ug/L	25
Vinyl acetate	108-05-4	5	ND	ug/L	250
Vinyl chloride	75-01-4	5	ND	ug/L	10
Xylene (Total)	1330-20-7	5	1400	ug/L	25
Dibromofluoromethane	SURROGATE	1	102	%	
Toluene-d8	SURROGATE	1	97	%	
4-Bromofluorobenzene	SURROGATE	1	111	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.13-8/95
Project Number: 90-125
Sample ID: L1869-13
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-13

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 10-AUG-95					
Analysis Date: 10-AUG-95 12:04					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	17	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.13-8/95
Project Number: 90-125
Sample ID: L1869-13
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-13

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	25	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	6.6	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	116	%	
Toluene-d8	SURROGATE	1	99	%	
4-Bromofluorobenzene	SURROGATE	1	97	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.14-8/95
Project Number: 90-125
Sample ID: L1869-14
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 10-AUG-95					
Analysis Date: 10-AUG-95 12:47					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	74	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	72	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.14-8/95
Project Number: 90-125
Sample ID: L1869-14
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	98	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	102	%	
Toluene-d8	SURROGATE	1	98	%	
4-Bromofluorobenzene	SURROGATE	1	98	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.15-8/95
Project Number: 90-125
Sample ID: L1869-15
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-5

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 10-AUG-95					
Analysis Date: 10-AUG-95 13:30					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	22	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	5.7	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.15-8/95
Project Number: 90-125
Sample ID: L1869-15
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	105	%	
Toluene-d8	SURROGATE	1	98	%	
4-Bromofluorobenzene	SURROGATE	1	99	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.17A-8/95
Project Number: 90-125
Sample ID: L1869-16
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 10-AUG-95					
Analysis Date: 10-AUG-95 14:26					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	10	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	85	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	75	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.17A-8/95
Project Number: 90-125
Sample ID: L1869-16
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

AWW-17A

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	64	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	25	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	37	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	102	%	
Toluene-d8	SURROGATE	1	109	%	
4-Bromofluorobenzene	SURROGATE	1	102	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.178-8/95
Project Number: 90-125
Sample ID: L1869-17
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-13

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 10-AUG-95					
Analysis Date: 10-AUG-95 15:09					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	6.2	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	40	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	190	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.178-8/95
Project Number: 90-125
Sample ID: L1869-17
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-178

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	180	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	20	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	26	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	111	%	
Toluene-d8	SURROGATE	1	105	%	
4-Bromofluorobenzene	SURROGATE	1	97	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.17C-8/95
Project Number: 90-125
Sample ID: L1869-18
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-17C

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 10-AUG-95					
Analysis Date: 10-AUG-95 15:52					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	22	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	64	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	73	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	140	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	7.8	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	47	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.17C-8/95
Project Number: 90-125
Sample ID: L1869-18
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	12	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	120	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	9.7	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	99	%	
Toluene-d8	SURROGATE	1	93	%	
4-Bromofluorobenzene	SURROGATE	1	91	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.17D-8/95
Project Number: 90-125
Sample ID: L1869-19
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

PAW-17D

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 10-AUG-95					
Analysis Date: 10-AUG-95 16:35					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	13	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	95	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	58	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.17D-8/95
Project Number: 90-125
Sample ID: L1869-19
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-17D

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	28	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	20	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	52	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	109	%	
Toluene-d8	SURROGATE	1	99	%	
4-Bromofluorobenzene	SURROGATE	1	98	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.18-8/95
Project Number: 90-125
Sample ID: L1869-20
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-18

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 14-AUG-95					
Analysis Date: 14-AUG-95 16:02					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	24	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	170	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125.18-8/95
Project Number: 90-125
Sample ID: L1869-20
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-15

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	87	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	39	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	108	%	
Toluene-d8	SURROGATE	1	96	%	
4-Bromofluorobenzene	SURROGATE	1	104	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.19-8/95
Project Number: 90-125
Sample ID: L1869-21
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-19

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 11-AUG-95					
Analysis Date: 11-AUG-95 20:42					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	14	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	10	170	ug/L	50
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.19-8/95
Project Number: 90-125
Sample ID: L1869-21
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	140	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	103	%	
Toluene-d8	SURROGATE	1	91	%	
4-Bromofluorobenzene	SURROGATE	1	100	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.A-8/95
Project Number: 90-125
Sample ID: L1869-22
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

mw-17B duplicate

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 16-AUG-95					
Analysis Date: 16-AUG-95 17:53					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	8.1	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	49	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	10	250	ug/L	50
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form I - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.A-8/95
Project Number: 90-125
Sample ID: L1869-22
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-17B duplicate

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	10	320	ug/L	50
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	23	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	30	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	119	%	
Toluene-d8	SURROGATE	1	105	%	
4-Bromofluorobenzene	SURROGATE	1	112	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: Hydrologic Laboratories, Inc.

Client ID: 90125.B-8/95
Project Number: 90-125
Sample ID: L1869-23
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-11 duplicate

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 11-AUG-95					
Analysis Date: 11-AUG-95 12:44					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	6.7	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	51	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	10	310	ug/L	50
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: 90125.B-8/95
Project Number: 90-125
Sample ID: L1869-23
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

MW-11 duplicate

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	10	340	ug/L	50
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	15	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	71	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	118	%	
Toluene-d8	SURROGATE	1	113	%	
4-Bromofluorobenzene	SURROGATE	1	105	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: 90-125
Sample ID: L1869-24
Site / Project ID: Not Reported
GALP ID: Not Reported
Collection Date: 01-AUG-95
Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
SW846 Method 8240					
Preparation Date: 11-AUG-95					
Analysis Date: 11-AUG-95 12:44					
Acetone	67-64-1	1	ND	ug/L	100
Acetonitrile	75-05-8	1	ND	ug/L	100
Acrolein	107-02-8	1	ND	ug/L	100
Acrylonitrile	107-13-1	1	ND	ug/L	100
Allyl chloride	107-05-1	1	ND	ug/L	5
Benzene	71-43-2	1	ND	ug/L	5
Benzyl chloride	100-44-7	1	ND	ug/L	100
Bromodichloromethane	75-27-4	1	ND	ug/L	5
Bromoform	75-25-2	1	ND	ug/L	5
Bromomethane	74-83-9	1	ND	ug/L	10
2-Butanone	78-93-3	1	ND	ug/L	100
Carbon disulfide	75-15-0	1	ND	ug/L	100
Carbon tetrachloride	56-23-5	1	ND	ug/L	5
Chlorobenzene	108-90-7	1	ND	ug/L	5
Chlorodibromomethane	74-95-3	1	ND	ug/L	5
Chloroethane	75-00-3	1	ND	ug/L	10
2-Chloroethyl vinyl ether	110-75-8	1	ND	ug/L	10
Chloroform	67-66-3	1	ND	ug/L	5
Chloromethane	74-87-3	1	ND	ug/L	10
Chloroprene	126-99-8	1	ND	ug/L	5
1,2-Dibromo-3-chloropropane	96-12-8	1	ND	ug/L	100
1,2-Dibromoethane	106-93-4	1	ND	ug/L	5
Dibromomethane	74-95-3	1	ND	ug/L	5
1,4-Dichloro-2-butene	764-41-0	1	ND	ug/L	100
Dichlorodifluoromethane	75-71-8	1	ND	ug/L	10
1,1-Dichloroethane	75-35-4	1	ND	ug/L	5
1,2-Dichloroethane	107-06-2	1	ND	ug/L	5
1,1-Dichloroethene	75-34-3	1	ND	ug/L	5
cis-1,2-Dichloroethene	156-59-2	1	ND	ug/L	5
trans-1,2-Dichloroethene	156-60-5	1	ND	ug/L	5
1,2-Dichloropropane	78-87-5	1	ND	ug/L	5
cis-1,3-Dichloropropene	10061-01-5	1	ND	ug/L	5
trans-1,3-Dichloropropene	10061-02-6	1	ND	ug/L	5
Ethylbenzene	100-41-4	1	ND	ug/L	5
Ethyl methacrylate	97-63-2	1	ND	ug/L	5
2-Hexanone	591-78-6	1	ND	ug/L	50
Isobutyl alcohol	78-83-1	1	ND	ug/L	100

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
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Form 1 - Data Summary Report
Prepared By: HydroLogic Laboratories, Inc.

Client ID: TRIP BLANK
Project Number: 90-125
Sample ID: L1869-24
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Received Date: 03-AUG-95
Report Date: 19-AUG-95

Analyte	CAS No.	Dil	Sample Conc.	Units	RL
Methacrylonitrile	126-98-7	1	ND	ug/L	100
Methylene chloride	75-09-2	1	ND	ug/L	5
Methyl iodide	74-88-4	1	ND	ug/L	5
Methyl methacrylate	80-62-6	1	ND	ug/L	50
4-Methyl-2-pentanone	108-10-1	1	ND	ug/L	50
Pentachloroethane	76-01-7	1	ND	ug/L	10
Propionitrile	107-12-0	1	ND	ug/L	100
Styrene	100-42-5	1	ND	ug/L	5
1,1,1,2-Tetrachloroethane	630-20-6	1	ND	ug/L	5
1,1,2,2-Tetrachloroethane	79-34-5	1	ND	ug/L	5
Tetrachloroethene	127-18-4	1	ND	ug/L	5
Toluene	108-88-3	1	ND	ug/L	5
1,1,1-Trichloroethane	71-55-6	1	ND	ug/L	5
1,1,2-Trichloroethane	79-00-5	1	ND	ug/L	5
Trichloroethene	79-01-6	1	ND	ug/L	5
1,2,3-Trichloropropane	96-18-4	1	ND	ug/L	5
Vinyl acetate	108-05-4	1	ND	ug/L	50
Vinyl chloride	75-01-4	1	ND	ug/L	2
Xylene (Total)	1330-20-7	1	ND	ug/L	5
Dibromofluoromethane	SURROGATE	1	109	%	
Toluene-d8	SURROGATE	1	105	%	
4-Bromofluorobenzene	SURROGATE	1	105	%	

Review By: Diane Braithwaite, Report Approved By: Stacey Mekelburg

"Dil" - Sample Dilution Factor
"ND" - Sample Concentration Not Detected above RL
"RL" - Method Report Limit

CLOSURE PLAN FOR A FORMER ACID PLANT AT THE DOWELL SCHLUMBERGER INCORPORATED FACILITY ARTESIA, NEW MEXICO

July 20, 1994

Submitted To:

New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504

Submitted By:

Dowell Schlumberger Incorporated
300 Schlumberger Drive
Sugarland, Texas 77478

Prepared By:

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Western Water Consultants, Inc. has conducted its work and presents these findings in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation and no warranty or guarantee is made or intended.

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LIST OF FIGURES

1.0 PURPOSE

1.0 PURPOSE

This closure plan is for the removal of the former acid plant located at the Dowell Schlumberger Incorporated (Dowell) facility in Artesia, New Mexico.

2.0 SITE DESCRIPTION

2.0 SITE DESCRIPTION

The Dowell facility is located at 500 East Richey Avenue in Artesia, New Mexico. A site plan of the facility is shown on Figure 2-1.

The Dowell facility provides services for area oil and gas production wells. Services include well cementing, acidizing/stimulating and formation fracturing. The facility consists of a main office building and truck maintenance building, aboveground storage tanks, dry chemicals warehouses, and former acid plant.

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50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

CITY WATER LINE

GAS LINE

COMPRESSOR

WASTEWATER TANK

FRAC SAND SILOS

BULK CEMENT

CEMENT WARE-HOUSE

CONCRETE PAD

WELL EQUIPMENT STORAGE

FORMER ACID PLANT

CHEMICAL WARE-HOUSE

FORMER ACID LOADING SLAB

COLLECTION SUMP

DRUM STORAGE PAD

WASH BAY

DOWELL SCHLUMBERGER INCORPORATED FACILITY

GRAVEL PARKING AREA

ABOVE GROUND OIL STORAGE (ABOVE LOCATION OF FORMER OIL/ANTIFREEZE USTS)

OIL STORAGE

PARTS BUILDING

MAINTENANCE SHOP

OFFICE

SEPTIC TANKS

GRAVEL PARKING AREA

ROSE GRAVEL PROPERTY

GATE

GATE

RICHEY AVENUE

0 50 FT.

SCALE

BASE MAP MODIFIED FROM REED & ASSOCIATES

FIGURE 2-1

SITE PLAN

DOWELL SCHLUMBERGER INCORPORATED
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

3.0 FORMER ACID PLANT

3.0 FORMER ACID PLANT

The former acid plant is located in the north central portion of the facility. The acid plant consists of a concrete revetment, a truck loading dock and associated collection sumps (Figure 3-1).

Spills and leaks occurring within the former tank network, which previously was positioned within the revetment, were contained by the revetment and collected within a sump located in the southeast section of the revetment. The concrete revetment walls are 18 inches high and the entire revetment measures approximately 70 ft. x 20 ft..

Fluids from the acid plant were transported to trucks waiting on the adjacent loading pad to the south of the plant (Figure 3-1). The concrete loading pad measures approximately 45 ft. x 15 ft. and is sloped slightly to the south which allowed fluids to drain into a collection sump just to the south of the loading pad.

Spills and leaks contained by the sump within the revetment were drained into the larger collection sump via 6 inch line. This larger sump, which is just south of the loading pad was used as a collection point for spills and leaks. The system was decommissioned in the summer of 1989. Subsequent to the decommissioning no fluids have collected in the sumps.

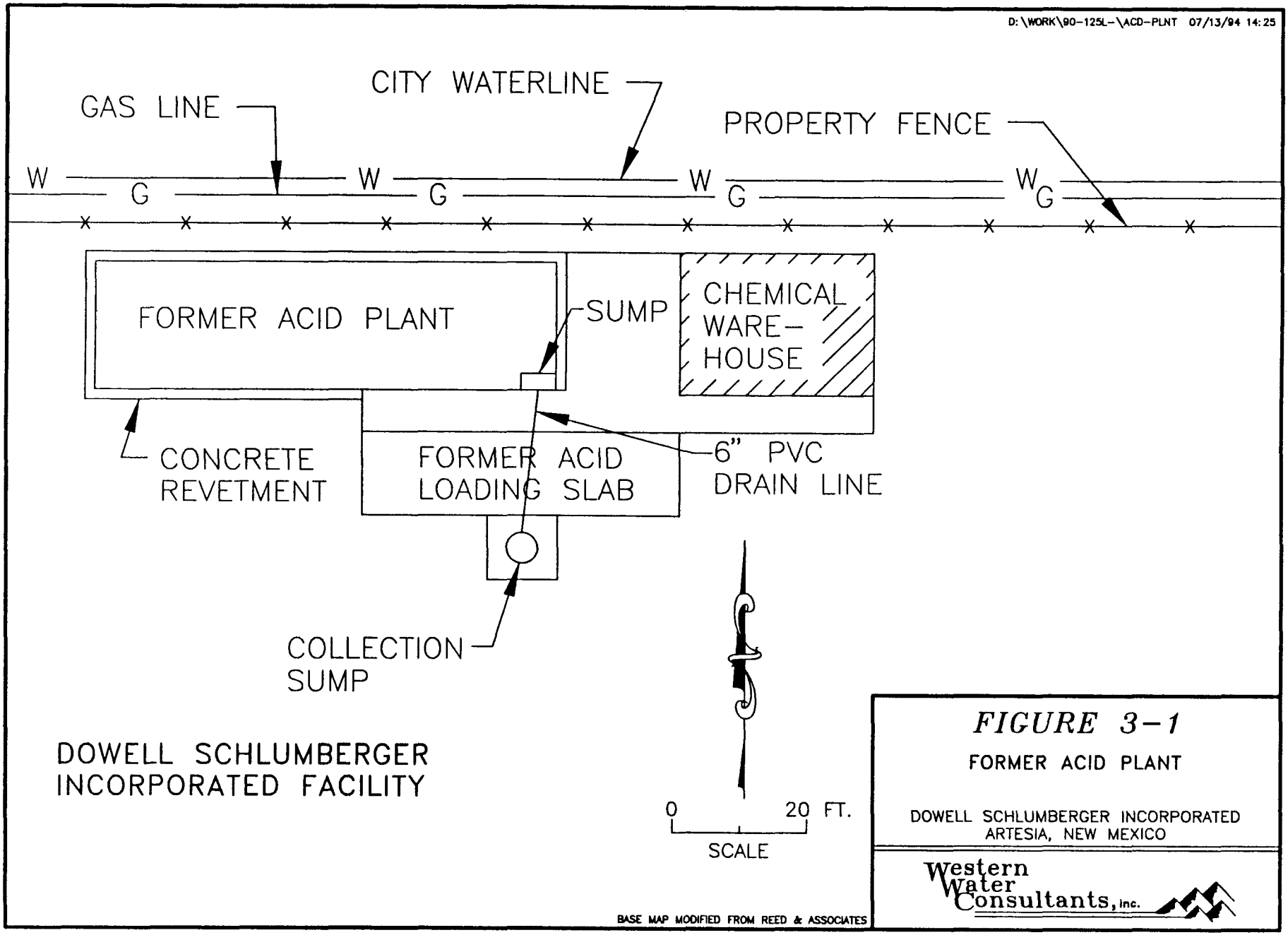

FIGURE 3-1

FORMER ACID PLANT

DOWELL SCHLUMBERGER INCORPORATED
ARTESIA, NEW MEXICO

Western Water Consultants, Inc.

4.0 PROPOSED CLOSURE ACTIVITIES

4.0 PROPOSED CLOSURE ACTIVITIES

Closure of the acid plant will be in accordance with Discharge Plan GW-114 which was approved by the New Mexico Oil Conservation Division (NMOCD) for the Dowell facility in Artesia, New Mexico in April 1992.

4.1 Acid Plant Concrete Structures

The concrete revetment and pad, as well as the concrete loading pad will be broken up and removed. The concrete sumps and PVC drain lines will be excavated and removed from the ground. All concrete particles will be lifted from the ground surface and cleaned of debris adhering to them. Removed debris will be placed in a plastic-lined temporary revetment constructed onsite. This material will be characterized for disposal by laboratory analysis as stated in the following section. Once clean, the concrete will be disposed as routine construction debris in the local landfill.

4.2 Surrounding and Subsoil Excavation

After removal of the concrete revetment, loading pad and sumps from the ground, the underlying and surrounding soils will be field screened by headspace analysis with a Environmental Instruments 580D Photoionization Detector(PID) to detect possible contaminants in the soil.

If no contaminants are detected in the soil headspace from the samples immediately beneath and surrounding the excavation, the removal of the concrete revetment, loading pad and sumps will be considered "complete". The sump excavation will be backfilled with clean fill, imported from off-site and replacement of the acid plant will commence. Construction of the new acid plant will be covered under a separate project and in accordance with OCD regulations and prior OCD approval.

If contaminants are detected in the soil headspace from the samples immediately beneath and surrounding the excavation and uncovered ground surface, the soils will be removed. Removal activities will attempt to remove all contaminated soil. Removal activities will be limited by nearby structures and excavation feasibility at the site and of the equipment.

Excavated soils determined to be contaminated by field headspace analysis will be placed in the plastic-lined temporary revetment adjacent to the excavation. One composite sample will be collected from the soil pile for laboratory analysis to determine appropriate disposal. The soil sample will be composited from five samples located from random locations within the interior of the pile. The composite sample will be analyzed for Toxicity Characteristic Leaching Procedure (TCLP) volatile organic compounds (VOC) and metals; Total Petroleum Hydrocarbons (TPH) by method 8015; and pH.

Effectiveness of excavation will be confirmed by laboratory analysis of composite soil samples from the material left in-place. One composite sample will be taken from the surface under the revetment area; one from under loading pad area; and one from within the collection sump excavation for a total of three in-place samples. The samples will be analyzed for TCLP volatile organic compounds and metals; TPH by method 8015, and pH. If no contaminants are detected, the site closure will be "complete".

4.3 Reclamation

The excavations will be reclaimed to the surrounding surface by importing clean fill. The fill will be emplaced in 6-inch lifts and compacted. The reclaimed topographic surface will be prepared for the installation of a new acid facility. The plans and specifications for the new acid facility will be covered under a separate work plan which will be submitted to the NMOCD at a later date for approval.