4/14/99

TABLE 6

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O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Volatile Organic Compounds

Analyte	Ground Water Quality Standard ug/L	RW-A 09/17/98 ug/L	RW-B 09/16/98 ug/L	RW-C 09/16/98 ug/L	RW-E 09/16/98 ug/L	RW-G 09/17/98 ug/L	RW-H 09/16/98 ug/L	RW-I 09/16/98 ug/L	RW-J 09/16/98 ug/L
1,1,1,2-Tetrachloroethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	30	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	50	0.5 U	1.6	1.4	0.5 U	0.53	0.75	0.98	0.76
1,1-Dichloroethene	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane (EDB)	0.05	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]
1,2-Dichlorobenzene	600	1.4	4.1	2.9	0.69	2.7	4.9	4.2	2.9
1,2-Dichloroethane	2	1.7	[5.1]	1.4	0.5 U	0.5 U	0.5 U	1.4	[2.2]
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	600	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4	1.4	0.81
1,3-Dichloropropane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	75	6.1	22	16	4	19	21	15	13
2,2-Dichloropropane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Chlorotoluene	NC	0.5 U	5.5 U	0.82	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acrolein	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acrylonitrile	50	4	4	4 U	4	4 U	4 U	4 U	4 U

NOTES: NC - No criteria available, NA - Not available, U - Not detected, J - Estimated value,
[ ] - Indicates value exceeds the Ground Water Quality Standard.

O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Volatile Organic Compounds

Analyte	Ground Water Quality Standard ug/L	RW-A 09/17/98 ug/L	RW-B 09/16/98 ug/L	RW-C 09/16/98 ug/L	RW-E 09/16/98 ug/L	RW-G 09/17/98 ug/L	RW-H 09/16/98 ug/L	RW-I 09/16/98 ug/L	RW-J 09/16/98 ug/L
Benzene	1	[2]	0.76	[2.8]	0.71	[1.7]	[3.3]	[5.3]	0.5 U
Bromobenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	50	9	21	34	7.8	11	[61]	46	4.5
Chloroethane	NC	1	4.4	2.4	1 U	4	1 U	1 U	1 U
Chloroform	6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.97
Chloromethane	30	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	NC	1 U	1.1	16	1 U	1.3	1 U	17	31
Ethylbenzene	700	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5	0.5 U
Hexachlorobutadiene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	NC	0.5 U	0.5 U	1.1	0.5 U	4.1	8.2	2.9	0.5 U
Methylene chloride	3	0.5 U	2.1	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	300	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	100	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.61
Toluene	1000	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.58	0.5 U	0.5 U
Trichloroethene	1	[6.1]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.66
Trichlorofluoromethane	2000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	5	2.9	1 U	1 U	1 U	1 U	1 U	1 U	1

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O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Volatile Organic Compounds

Analyte	Ground Water Quality Standard ug/L	RW-A 09/17/98 ug/L	RW-B 09/16/98 ug/L	RW-C 09/16/98 ug/L	RW-E 09/16/98 ug/L	RW-G 09/17/98 ug/L	RW-H 09/16/98 ug/L	RW-I 09/16/98 ug/L	RW-J 09/16/98 ug/L
Xylene (total)	1000	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	0.5 U
cis-1,2-Dichloroethene	70	18	0.93	0.79	0.5 U	0.5 U	0.76	1.7	2.5
cis-1,3-Dichloropropene	0.02	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]
n-Butylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	100	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.02	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]
Total VOCs	NC	53.4	67.09	80.16	17.2	44.33	101.89	99.08	60.91

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O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Volatile Organic Compounds

Analyte	Ground Water Quality Standard ug/L	RW-K 09/17/98 ug/L	RW-L 09/17/98 ug/L	RW-N 09/17/98 ug/L	RW-O 09/17/98 ug/L	RW-Q 09/17/98 ug/L	RW-R 09/17/98 ug/L	RW-S 09/17/98 ug/L
1,1,1,2-Tetrachloroethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,1-Trichloroethane	30	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	50	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane (EDB)	0.05	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]
1,2-Dichlorobenzene	600	1.1	0.75	0.5 U	0.5 U	3.5	0.5 U	0.5 U
1,2-Dichloroethane	2	[2.5]	0.5 U	[3.4]	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	600	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichloropropane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	75	7.1	4.9	0.5 U	0.5 U	20	0.77	0.5 U
2,2-Dichloropropane	NC	0.5 U	0.5 U	0.5 U	0.5 U	2.5	0.5 U	0.5 U
2-Chlorotoluene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Chlorotoluene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acrolein	NA	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acrylonitrile	50	4 U	4 U	4 U	4 U	4 U	4 U	4 U

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O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Volatile Organic Compounds

Analyte	Ground Water Quality Standard ug/L	RW-K 09/17/98 ug/L	RW-L 09/17/98 ug/L	RW-N 09/17/98 ug/L	RW-O 09/17/98 ug/L	RW-Q 09/17/98 ug/L	RW-R 09/17/98 ug/L	RW-S 09/17/98 ug/L
Benzene	1	[6.5]	[2.4]	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	10	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	2	0.5 U	0.5 U	0.5 U	0.5 U	[4.3]	0.5 U	0.5 U
Chlorobenzene	50	7	4.4	0.5 U	0.5 U	16	1.8	0.5 U
Chloroethane	NC	1 U	1 U	1 U	1 U	1.4	1 U	1 U
Chloroform	6	0.87	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.8
Chloromethane	30	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	NC	61	82	69	1 U	1 U	1 U	1 U
Ethylbenzene	700	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Hexachlorobutadiene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	NC	0.57	0.5 U	0.5 U	0.5 U	2.2	0.5 U	0.5 U
Methylene chloride	3	0.72	0.5 U	0.5 U	0.5 U	0.71	0.5 U	0.6
Naphthalene	300	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Styrene	100	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	1	0.5 U	0.78	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	1000	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	[1.8]
Trichlorofluoromethane	2000	1 U	13	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	5	1.1	1.6	1 U	1 U	1 U	1 U	1 U

NOTES: NC - No criteria available, NA - Not available, U - Not detected, J - Estimated value,
[ ] - Indicates value exceeds the Ground Water Quality Standard.

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O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Volatile Organic Compounds

Analyte	Ground Water Quality Standard ug/L	RW-K 09/17/98 ug/L	RW-L 09/17/98 ug/L	RW-N 09/17/98 ug/L	RW-O 09/17/98 ug/L	RW-Q 09/17/98 ug/L	RW-R 09/17/98 ug/L	RW-S 09/17/98 ug/L
Xylene (total)	1000	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	70	2.3	1.3	0.5 U	1.4	0.5 U	0.5 U	0.82
cis-1,3-Dichloropropene	0.02	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]
n-Butylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U
tert-Butylbenzene	NC	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.5 U
trans-1,2-Dichloroethene	100	0.5 U	0.5 U	0.5 U	0.5 U	0.51	0.5 U	0.5 U
trans-1,3-Dichloropropene	0.02	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]	[0.5 U]
Total VOCs	NC	90.76	111.13	72.9	1.4	52.18	2.57	8.02

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O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Metals

Analyte	Ground Water Quality Standard ug/L	RW-A 09/17/98 ug/L	RW-B 09/16/98 ug/L	RW-C 09/16/98 ug/L	RW-E 09/16/98 ug/L	RW-G 09/16/98 ug/L	RW-H 09/16/98 ug/L	RW-I 09/16/98 ug/L	RW-J 09/16/98 ug/L
Antimony	20	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]
Arsenic	8	[10 U]	[10 U]	[10 U]	[10 U]	[10 U]	[10 U]	[10 U]	[10 U]
Beryllium	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	4	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]
Chromium	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	1000	25 U	25 U	31	25 U	25 U	25 U	25 U	25 U
Lead	10	5 U	5 U	5 U	8	5 U	5 U	5 U	5 U
Mercury	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Selenium	50	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Thallium	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	5000	20 U	20 U	20	20 U	20 U	30	30	20 U

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[ ] - Indicates value exceeds the Ground Water Quality Standard.

O'BRIEN & GERE ENGINEERS, INC.

Table 6

Recovery Well Ground Water Analytical Data
Metals

Analyte	Ground Water Quality Standard ug/L	RW-K 09/17/98 ug/L	RW-L 09/17/98 ug/L	RW-M 09/17/98 ug/L	RW-N 09/17/98 ug/L	RW-O 09/17/98 ug/L	RW-Q 09/17/98 ug/L	RW-R 09/17/98 ug/L	RW-S 09/17/98 ug/L
Antimony	20	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]	[60 U]
Arsenic	8	[10]	[10 U]	[10 U]	[10 U]	[10 U]	[10 U]	[10 U]	[10 U]
Beryllium	20	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	4	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]	[5 U]
Chromium	100	10 U	10 U	10 U	10 U	10 U	10	10 U	10 U
Copper	1000	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Lead	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Mercury	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Selenium	50	5 U	5 U	5 U	5 U	5 U	7	5 U	5 U
Silver	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Thallium	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	5000	20	20 U	50	20 U	40	20 U	20 U	20 U

NOTES: NC - No criteria available. NA - Not available. U - Not detected J - Estimated value.
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