Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Dissolve Gasses (Ethane, Ethene, Methane)												
31001	7/31/01	Methane	2			1			UG/L	1.0	1.5	**66.67%**
Volatile Organic Compounds												
02291	10/11/01	1,1,1,2-TETRACHLOROETHANE	1.6	J	V1	6.7	U	V1	UG/L	5.1	4.2	**122.89%**
00597	1/10/01	1,1,1-TRICHLOROETHANE	8.1		V1	8.7		V1	UG/L	0.6	8.4	7.14%
00597	7/19/01	1,1,1-TRICHLOROETHANE	5.4		V	6.3		V	UG/L	0.9	5.9	15.38%
02291	10/11/01	1,1,1-TRICHLOROETHANE	1.9	J	V1	1.9	J	V1	UG/L	0.0	1.9	0.00%
22796	5/14/01	1,1,1-TRICHLOROETHANE (TR1/TR1)	2.0		V1	2.0		V1	UG/L	0.0	2.0	0.00%
3687	10/16/01	1,1,2-TRICHLOROTRIFLUOROETHANE	12.0	J	V1	13.0	J	V1	UG/L	1.0	12.5	8.00%
02500	10/23/01	1,1,2-TRICHLOROTRIFLUOROETHANE	43.0		V1	48.0		V1	UG/L	5.0	45.5	10.99%
00100	11/15/01	1,1,2-TRICHLOROTRIFLUOROETHANE	6.7		V1	16.0		V1	UG/L	9.3	11.4	**81.94%**
22796	5/14/01	1,1,2-TRICHLOROTRIFLUOROETHANE (DL1/DL1)	82.0	D	V1	85.0	D	V1	UG/L	3.0	83.5	3.59%
00100	5/23/01	1,1,2-TRICHLOROTRIFLUOROETHANE (TR1/TR1)	10.0		V1	10.0		V1	UG/L	0.0	10.0	0.00%
02500	6/6/01	1,1,2-TRICHLOROTRIFLUOROETHANE (TR1/TR1)	20.0		V1	20.0		V1	UG/L	0.0	20.0	0.00%
41299	2/26/01	1,1-DICHLOROETHANE	2.2	J	V	2.0	J	V	UG/L	0.2	2.1	9.52%
40299	7/23/01	1,1-DICHLOROETHANE	13.0		V	13.0		V	UG/L	0.0	13.0	0.00%
02291	10/11/01	1,1-DICHLOROETHANE	1.8	J	V1	1.7	J	V1	UG/L	0.1	1.8	5.71%
00100	11/15/01	1,1-DICHLOROETHANE	0.8	J	V1	1.3		V1	UG/L	0.5	1.0	**51.21%**
22796	5/14/01	1,1-DICHLOROETHANE (TR1/TR1)	3.0		V1	3.0		V1	UG/L	0.0	3.0	0.00%
00100	5/23/01	1,1-DICHLOROETHANE (TR1/TR1)	1.0		V1	1.0		V1	UG/L	0.0	1.0	0.00%
00597	1/10/01	1,1-DICHLOROETHENE	4.5		V1	4.7		V1	UG/L	0.2	4.6	4.35%
12691	1/15/01	1,1-DICHLOROETHENE	1.4		V	1.4		V	UG/L	0.0	1.4	0.00%
P209389	2/13/01	1,1-DICHLOROETHENE	11.0		V	11.0		V	UG/L	0.0	11.0	0.00%
41299	2/26/01	1,1-DICHLOROETHENE	9.1		V	8.3		V	UG/L	0.8	8.7	9.20%
07391	3/6/01	1,1-DICHLOROETHENE	130.0	J	V1	130.0	J	V1	UG/L	0.0	130.0	0.00%
00597	7/19/01	1,1-DICHLOROETHENE	3.0		V	3.6		V	UG/L	0.6	3.3	18.18%
40299	7/23/01	1,1-DICHLOROETHENE	1.9		V	2.0		V	UG/L	0.1	2.0	5.13%
P209389	7/23/01	1,1-DICHLOROETHENE	13.0		V1	11.0		V1	UG/L	2.0	12.0	16.67%
02291	10/11/01	1,1-DICHLOROETHENE	4.2	J	V1	4.3	J	V1	UG/L	0.1	4.3	2.35%
3687	10/16/01	1,1-DICHLOROETHENE	23.0	J	V1	22.0	J	V1	UG/L	1.0	22.5	4.44%
22796	5/14/01	1,1-DICHLOROETHENE (TR1/TR1)	4.0		V1	4.0		V1	UG/L	0.0	4.0	0.00%
41299	2/26/01	1,2-DICHLOROETHANE	5.0	U	V	1.8	J	V	UG/L	3.2	3.4	**94.12%**
00100	11/15/01	1,4-DICHLOROBENZENE	0.4	J	J1	1.0	U	UJ1	UG/L	0.6	0.7	**89.86%**
02500	6/6/01	ACETONE (TR1/TR1)	2.0	BJ	JB1	2.0	BJ	JB1	UG/L	0.0	2.0	0.00%
22896	9/12/01	BROMODICHLOROMETHANE	2.0	J	V1	2.0	J	V1	UG/L	0.0	2.0	0.00%
03991	1/23/01	CARBON TETRACHLORIDE	11.0		V1	11.0		V1	UG/L	0.0	11.0	0.00%
P209389	2/13/01	CARBON TETRACHLORIDE	2.0		V	2.0		V	UG/L	0.0	2.0	0.00%
P209389	7/23/01	CARBON TETRACHLORIDE	1.9		V1	1.6		V1	UG/L	0.3	1.8	17.14%
03991	8/7/01	CARBON TETRACHLORIDE	7.1		V1	7.0		V1	UG/L	0.1	7.1	1.42%
90099	8/22/01	CARBON TETRACHLORIDE	750.0		V1	780.0		V1	UG/L	30.0	765.0	3.92%
22896	9/12/01	CARBON TETRACHLORIDE	0.8	J	V1	1.0	J	V1	UG/L	0.2	0.9	22.22%
3687	10/16/01	CARBON TETRACHLORIDE	360.0		V1	370.0		V1	UG/L	10.0	365.0	2.74%
00100	11/15/01	CARBON TETRACHLORIDE	2.4		V1	5.7		V1	UG/L	3.3	4.1	**81.48%**
12691	1/15/01	CARBON TETRACHLORIDE (DL1/DL1)	465.0	D	V	496.0	D	V	UG/L	31.0	480.5	6.45%
00100	5/23/01	CARBON TETRACHLORIDE (TR1/TR1)	5.0		V1	5.0		V1	UG/L	0.0	5.0	0.00%
22896	1/11/01	CHLOROFORM	7.0	J	V1	6.8	J	V1	UG/L	0.2	6.9	2.90%
03991	1/23/01	CHLOROFORM	1.0		V1	1.0		V1	UG/L	0.0	1.0	0.00%
P209389	2/13/01	CHLOROFORM	5.0		V	5.0		V	UG/L	0.0	5.0	0.00%
07391	3/6/01	CHLOROFORM	1300.0		V1	1400.0		V1	UG/L	100.0	1350.0	7.41%
P209389	7/23/01	CHLOROFORM	4.2		V1	4.2		V1	UG/L	0.0	4.2	0.00%
90099	8/22/01	CHLOROFORM	100.0		V1	96.0		V1	UG/L	4.0	98.0	4.08%
22896	9/12/01	CHLOROFORM	34.0		V1	38.0		V1	UG/L	4.0	36.0	11.11%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Volatile Organic Compounds (Continued)												
02291	10/11/01	CHLOROFORM	3.0	J	V1	2.8	J	V1	UG/L	0.2	2.9	6.90%
3687	10/16/01	CHLOROFORM	140.0		V1	130.0		V1	UG/L	10.0	135.0	7.41%
00100	11/15/01	CHLOROFORM	3.1		V1	5.2		V1	UG/L	2.1	4.2	**50.60%**
22796	5/14/01	CHLOROFORM (DL1/DL1)	7.0	D	1	7.0	D	1	UG/L	0.0	7.0	0.00%
00100	5/23/01	CHLOROFORM (DL1/DL1)	5.0	D	1	5.0	D	1	UG/L	0.0	5.0	0.00%
12691	1/15/01	CHLOROFORM (DL1/DL1)	20.5	D		21.8	D		UG/L	1.3	21.2	6.15%
22796	5/14/01	CHLOROFORM (TR1/TR1)	7.0		V1	7.0		V1	UG/L	0.0	7.0	0.00%
00100	5/23/01	CHLOROFORM (TR1/TR1)	5.0		V1	5.0		V1	UG/L	0.0	5.0	0.00%
12691	1/15/01	CHLOROFORM (TR1/TR1)	22.4		V	21.8		V	UG/L	0.6	22.1	2.71%
02500	10/23/01	CHLOROTRIFLUOROETHENE (TIC)	1.2	J	V1	1.3	J	V1	UG/L	0.1	1.3	7.87%
41299	2/26/01	cis-1,2-DICHLOROETHENE	43.4		V	44.3		V	UG/L	0.9	43.9	2.05%
07391	3/6/01	cis-1,2-DICHLOROETHENE	1000.0	U	V1	100.0	J	V1	UG/L	900.0	550.0	**163.64%**
40299	7/23/01	cis-1,2-DICHLOROETHENE	8.0		V	8.2		V	UG/L	0.2	8.1	2.47%
90099	8/22/01	cis-1,2-DICHLOROETHENE	20.0	J	V1	20.0	J	V1	UG/L	0.0	20.0	0.00%
02291	10/11/01	cis-1,2-DICHLOROETHENE	21.0		V1	20.0		V1	UG/L	1.0	20.5	4.88%
3687	10/16/01	cis-1,2-DICHLOROETHENE	28.0	J	V1	28.0	J	V1	UG/L	0.0	28.0	0.00%
00100	11/15/01	cis-1,2-DICHLOROETHENE	3.8		V1	6.7		V1	UG/L	2.9	5.3	**55.24%**
22796	5/14/01	cis-1,2-DICHLOROETHENE (DL1/DL1)	30.0	D	1	31.0	D	1	UG/L	1.0	30.5	3.28%
00100	5/23/01	cis-1,2-DICHLOROETHENE (DL1/DL1)	6.0	D	1	6.0	D	1	UG/L	0.0	6.0	0.00%
12691	1/15/01	cis-1,2-DICHLOROETHENE (DL1/DL1)	63.1	D		66.6	D		UG/L	3.5	64.9	5.40%
02291	4/10/01	cis-1,2-DICHLOROETHENE (TR1/TR1)	22.0	JD	V	22.0	JD	V	UG/L	0.0	22.0	0.00%
22796	5/14/01	cis-1,2-DICHLOROETHENE (TR1/TR1)	29.0		V1	31.0		V1	UG/L	2.0	30.0	6.67%
00100	5/23/01	cis-1,2-DICHLOROETHENE (TR1/TR1)	7.0		V1	7.0		V1	UG/L	0.0	7.0	0.00%
12691	1/15/01	cis-1,2-DICHLOROETHENE (TR1/TR1)	70.2		V	67.9		V	UG/L	2.3	69.1	3.33%
03991	1/23/01	DICHLORODIFLUOROMETHANE	1.0		V1	1.0	U	V1	UG/L	0.0	1.0	0.00%
00100	11/15/01	DICHLORODIFLUOROMETHANE	40.0		V1	89.0		V1	UG/L	49.0	64.5	**75.97%**
00100	5/23/01	DICHLORODIFLUOROMETHANE (DL1/DL1)	72.0	D	V1	67.0	D	V1	UG/L	5.0	69.5	7.19%
41299	2/26/01	METHYLENE CHLORIDE	2.6	BJ	JB	3.6	BJ	JB	UG/L	1.0	3.1	**32.26%**
07391	3/6/01	METHYLENE CHLORIDE	570.0	BJ	JB1	530.0	BJ	JB1	UG/L	40.0	550.0	7.27%
22896	9/12/01	METHYLENE CHLORIDE	0.6	J	JB1	1.0	J	JB1	UG/L	0.4	0.8	**50.00%**
00100	11/15/01	METHYLENE CHLORIDE	2.4		V1	1.0	U	V1	UG/L	1.4	1.7	**82.35%**
03991	1/23/01	TETRACHLOROETHENE	3.0		V1	3.0		V1	UG/L	0.0	3.0	0.00%
41299	2/26/01	TETRACHLOROETHENE	265.0		V	259.0		V	UG/L	6.0	262.0	2.29%
07391	3/6/01	TETRACHLOROETHENE	940.0	J	V1	970.0	J	V1	UG/L	30.0	955.0	3.14%
40299	7/23/01	TETRACHLOROETHENE	52.0		V	56.0		V	UG/L	4.0	54.0	7.41%
03991	8/7/01	TETRACHLOROETHENE	1.7		V1	1.6		V1	UG/L	0.1	1.7	6.06%
90099	8/22/01	TETRACHLOROETHENE	40.0	J	V1	40.0	J	V1	UG/L	0.0	40.0	0.00%
02291	10/11/01	TETRACHLOROETHENE	6800.0		V1	6700.0		V1	UG/L	100.0	6750.0	1.48%
3687	10/16/01	TETRACHLOROETHENE	360.0		V1	390.0		V1	UG/L	30.0	375.0	8.00%
00100	11/15/01	TETRACHLOROETHENE	1.4		V1	3.5		V1	UG/L	2.1	2.5	**85.71%**
12691	1/15/01	TETRACHLOROETHENE (DL1/DL1)	130.0	D		136.0	D		UG/L	6.0	133.0	4.51%
02291	4/10/01	TETRACHLOROETHENE (TR1/TR1)	5200.0		V	5100.0	D	V	UG/L	100.0	5150.0	1.94%
00100	5/23/01	TETRACHLOROETHENE (TR1/TR1)	3.0		V1	3.0		V1	UG/L	0.0	3.0	0.00%
12691	1/15/01	TETRACHLOROETHENE (TR1/TR1)	139.0		V	130.0		V	UG/L	9.0	134.5	6.69%
00597	1/10/01	TRICHLOROETHENE	3.3		V1	3.5		V1	UG/L	0.2	3.4	5.88%
22896	1/11/01	TRICHLOROETHENE	1550.0		V1	1500.0		V1	UG/L	50.0	1525.0	3.28%
03991	1/23/01	TRICHLOROETHENE	1.0		V1	1.0		V1	UG/L	0.0	1.0	0.00%
41299	2/26/01	TRICHLOROETHENE	37.6		V	38.2		V	UG/L	0.6	37.9	1.58%
07391	3/6/01	TRICHLOROETHENE	70000	D	V1	67000	D	V1	UG/L	3000.0	68500.0	4.38%
00597	7/19/01	TRICHLOROETHENE	2.4		V	2.8		V	UG/L	0.4	2.6	15.38%
40299	7/23/01	TRICHLOROETHENE	2.8		V	3.0		V	UG/L	0.2	2.9	6.90%

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Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Volatile Organic Compounds (Continued)												
02291	10/11/01	TRICHLOROETHENE	630.0		V1	630.0		V1	UG/L	0.0	630.0	0.00%
3687	10/16/01	TRICHLOROETHENE	11000		V1	11000		V1	UG/L	0.0	11000.0	0.00%
02500	10/23/01	TRICHLOROETHENE	19.0		V1	19.0		V1	UG/L	0.0	19.0	0.00%
90099	8/22/01	TRICHLOROETHENE	1400.0		V1	1400.0		V1	UG/L	0.0	1400.0	0.00%
22896	9/12/01	TRICHLOROETHENE	140.0		V1	170.0		V1	UG/L	30.0	155.0	19.35%
00100	11/15/01	TRICHLOROETHENE	24.0		V1	55.0		V1	UG/L	31.0	39.5	**78.48%**
22796	5/14/01	TRICHLOROETHENE (DL1/DL1)	57.0	D	V1	57.0	D	V1	UG/L	0.0	57.0	0.00%
00100	5/23/01	TRICHLOROETHENE (DL1/DL1)	39.0	D	1	37.0	D	1	UG/L	2.0	38.0	5.26%
12691	1/15/01	TRICHLOROETHENE (DL1/DL1)	78.9	D		86.0	D		UG/L	7.1	82.5	8.61%
02291	4/10/01	TRICHLOROETHENE (TR1/TR1)	620.0	D	V	620.0	D	V	UG/L	0.0	620.0	0.00%
00100	5/23/01	TRICHLOROETHENE (TR1/TR1)	38.0		V1	38.0		V1	UG/L	0.0	38.0	0.00%
02500	6/6/01	TRICHLOROETHENE (TR1/TR1)	18.0		V1	16.0		V1	UG/L	2.0	17.0	11.76%
12691	1/15/01	TRICHLOROETHENE (TR1/TR1)	91.5		V	87.1		V	UG/L	4.4	89.3	4.93%
Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Polychlorinated Biphenyls (PCBs)												
37791	12/12/01	AROCLOR-1016	0.5	U	V	0.5	U	V	UG/L	0.0	0.5	0.00%
37791	12/12/01	AROCLOR-1221	0.5	U	V	0.5	U	V	UG/L	0.0	0.5	0.00%
37791	12/12/01	AROCLOR-1232	0.5	U	V	0.5	U	V	UG/L	0.0	0.5	0.00%
37791	12/12/01	AROCLOR-1242	0.5	U	V	0.5	U	V	UG/L	0.0	0.5	0.00%
37791	12/12/01	AROCLOR-1248	0.5	U	V	0.5	U	V	UG/L	0.0	0.5	0.00%
37791	12/12/01	AROCLOR-1254	0.5	U	V	0.5	U	V	UG/L	0.0	0.5	0.00%
37791	12/12/01	AROCLOR-1260	0.5	U	V	0.5	U	V	UG/L	0.0	0.5	0.00%
Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals												
12691	1/15/01	ALUMINUM	7.6	U	V	10.4	B	V	UG/L	2.8	9.0	**31.11%**
03991	1/23/01	ALUMINUM	24.3		UJ	23.4		UJ	UG/L	0.9	23.9	3.77%
41299	2/26/01	ALUMINUM	13.2	B	V1	21.9		V1	UG/L	8.7	17.6	**49.57%**
07391	3/6/01	ALUMINUM	22.1		V1	20.8		V1	UG/L	1.3	21.5	6.06%
22996	3/20/01	ALUMINUM	72.9		V1	55.5		V1	UG/L	17.4	64.2	27.10%
02291	4/10/01	ALUMINUM	20.7		UJ1	29.8		V1	UG/L	9.1	25.3	**36.04%**
22796	5/14/01	ALUMINUM	33.0		V1	38.2		V1	UG/L	5.2	35.6	14.61%
00500	5/15/01	ALUMINUM	29.2		UJ1	33.0		V1	UG/L	3.8	31.1	12.22%
00100	5/23/01	ALUMINUM	13.1	B	UJ1	7.7	B	UJ1	UG/L	5.4	10.4	**51.92%**
02500	6/6/01	ALUMINUM	10.5	B	UJ1	10.2	B	UJ1	UG/L	0.3	10.4	2.90%
00597	7/19/01	ALUMINUM	7.6	B	V	4.4	B	V	UG/L	3.2	6.0	**53.33%**
40299	7/23/01	ALUMINUM	3.7	B	V	3.9	B	V	UG/L	0.2	3.8	5.26%
P209389	7/23/01	ALUMINUM	2.4	B	J1	2.8	B	J1	UG/L	0.4	2.6	15.38%
03991	8/7/01	ALUMINUM	6.5	BN	J1	48.0	N	J1	UG/L	41.5	27.3	**152.29%**
37201	8/10/01	ALUMINUM	39.0	N	J1	53.0	N	J1	UG/L	14.0	46.0	**30.43%**
22896	9/12/01	ALUMINUM	17.0	BN	UJ1	45.0	BN	J1	UG/L	28.0	31.0	**90.32%**
02500	10/23/01	ALUMINUM-dissolved	302.0		V1	192.0		V1	UG/L	110.0	247.0	**44.53%**
3687	10/16/01	ALUMINUM-total	15.3	B	V1	17.5		V1	UG/L	2.2	16.4	13.41%
22896	1/11/01	ANTIMONY	2.7	B	R1	2.2	U	V1	UG/L	0.4	2.5	17.52%
12691	1/15/01	ANTIMONY	2.2	U	V	2.3	B	R	UG/L	0.1	2.3	3.94%
41299	2/26/01	ANTIMONY	0.4	U	V1	0.7	B	V1	UG/L	0.3	0.6	**50.00%**
07391	3/6/01	ANTIMONY	0.6	B	V1	0.4	U	V1	UG/L	0.1	0.5	26.80%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
22996	3/20/01	ANTIMONY	0.6	B	V1	0.6	B	V1	UG/L	0.0	0.6	6.90%
00597	7/19/01	ANTIMONY	0.5	B	UJ	0.1	U	V	UG/L	0.4	0.3	**121.21%**
03991	8/7/01	ANTIMONY	3.0	B	UJ1	0.7	U	V1	UG/L	2.3	1.8	**126.98%**
37201	8/10/01	ANTIMONY	1.0	B	UJ1	0.9	B	UJ1	UG/L	0.1	1.0	10.53%
22896	9/12/01	ANTIMONY	0.3	U	V1	0.7	B	UJ1	UG/L	0.4	0.5	**71.70%**
02500	10/23/01	ANTIMONY-dissolved	1.4	U	J1	1.4	U	J1	UG/L	0.0	1.4	0.00%
22796	5/14/01	ARSENIC	0.6	U	J1	0.8	B	J1	UG/L	0.2	0.7	**33.09%**
00500	5/15/01	ARSENIC	3.9	B	J1	3.9	B	J1	UG/L	0.0	3.9	0.00%
00597	7/19/01	ARSENIC	0.4	B	V	0.4	B	V	UG/L	0.0	0.4	2.60%
40299	7/23/01	ARSENIC	0.2	B	V	0.3	B	V	UG/L	0.0	0.2	12.24%
P209389	7/23/01	ARSENIC	0.6	B	V1	0.5	B	V1	UG/L	0.1	0.5	15.09%
03991	8/7/01	ARSENIC	0.7	B	V1	0.6	U	V1	UG/L	0.0	0.7	4.58%
22896	9/12/01	ARSENIC	0.4	B	V1	0.4	B	V1	UG/L	0.0	0.4	5.56%
02500	10/23/01	ARSENIC-dissolved	1.8	B	V1	2.6	B	V1	UG/L	0.8	2.2	**36.36%**
00600	11/15/01	ARSENIC-dissolved	9.6		J1	11.4		J1	UG/L	1.8	10.5	17.14%
37791	12/11/01	ARSENIC-dissolved	1.7	U	V1	2.2	B	UJ1	UG/L	0.5	2.0	25.64%
00597	1/10/01	BARIUM	86.8	B	J1	93.3	B	J1	UG/L	6.5	90.1	7.22%
22896	1/11/01	BARIUM	149.0		J1	149.0		J1	UG/L	0.0	149.0	0.00%
12691	1/15/01	BARIUM	255.0		V	259.0		V	UG/L	4.0	257.0	1.56%
03991	1/23/01	BARIUM	213.0		V	210.0		V	UG/L	3.0	211.5	1.42%
P209389	2/13/01	BARIUM	88.3	B	J1	89.3	B	J1	UG/L	1.0	88.8	1.13%
41299	2/26/01	BARIUM	208.0		V1	200.0		V1	UG/L	8.0	204.0	3.92%
07391	3/6/01	BARIUM	124.0		V1	131.0		V1	UG/L	7.0	127.5	5.49%
22996	3/20/01	BARIUM	59.6	B	V1	59.2	B	V1	UG/L	0.4	59.4	0.67%
02291	4/10/01	BARIUM	174.0		V1	173.0		V1	UG/L	1.0	173.5	0.58%
22796	5/14/01	BARIUM	378.0		V1	341.0		V1	UG/L	37.0	359.5	10.29%
00500	5/15/01	BARIUM	207.0		V1	217.0		V1	UG/L	10.0	212.0	4.72%
00100	5/23/01	BARIUM	115.0		V1	118.0		V1	UG/L	3.0	116.5	2.58%
02500	6/6/01	BARIUM	181.0		V1	161.0		V1	UG/L	20.0	171.0	11.70%
00597	7/19/01	BARIUM	92.9	B	V	94.4	B	V	UG/L	1.5	93.7	1.60%
40299	7/23/01	BARIUM	191.0		V	192.0		V	UG/L	1.0	191.5	0.52%
P209389	7/23/01	BARIUM	109.0		V1	115.0		V1	UG/L	6.0	112.0	5.36%
03991	8/7/01	BARIUM	190.0		V1	190.0		V1	UG/L	0.0	190.0	0.00%
37201	8/10/01	BARIUM	330.0		V1	350.0		V1	UG/L	20.0	340.0	5.88%
22896	9/12/01	BARIUM	62.0	B	V1	110.0		V1	UG/L	48.0	86.0	**55.81%**
02291	10/11/01	BARIUM-dissolved	193.0		V1	191.0		V1	UG/L	2.0	192.0	1.04%
02500	10/23/01	BARIUM-dissolved	191.0		V1	189.0		V1	UG/L	2.0	190.0	1.05%
00100	11/15/01	BARIUM-dissolved	105.0		V1	104.0		V1	UG/L	1.0	104.5	0.96%
00600	11/15/01	BARIUM-dissolved	127.0		V1	126.0		V1	UG/L	1.0	126.5	0.79%
37791	12/11/01	BARIUM-dissolved	224.0		V1	222.0		V1	UG/L	2.0	223.0	0.90%
3687	10/16/01	BARIUM-total	243.0		V1	246.0		V1	UG/L	3.0	244.5	1.23%
07391	3/6/01	BERYLLIUM	0.0	B	V1	0.0	B	V1	UG/L	0.0	0.0	28.57%
22996	3/20/01	BERYLLIUM	0.1	B	UJ1	0.1	B	UJ1	UG/L	0.0	0.1	0.00%
02291	4/10/01	BERYLLIUM	0.1	B	UJ1	0.1	B	UJ1	UG/L	0.0	0.1	0.00%
22796	5/14/01	BERYLLIUM	0.1	B	V1	0.1	B	V1	UG/L	0.0	0.1	11.76%
00500	5/15/01	BERYLLIUM	0.1	B	V1	0.1	B	V1	UG/L	0.0	0.1	7.41%
03991	1/23/01	CADMIUM	0.2	B	UJ	0.2	B	UJ	UG/L	0.0	0.2	17.14%
P209389	2/13/01	CADMIUM	0.3	U	V1	0.5	B	V1	UG/L	0.2	0.4	**51.57%**
41299	2/26/01	CADMIUM	0.3	B	V1	0.3	B	V1	UG/L	0.0	0.3	0.00%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
07391	3/6/01	CADMIUM	0.2	B	V1	0.2	B	V1	UG/L	0.0	0.2	4.65%
02291	4/10/01	CADMIUM	0.1	U	V1	0.1	B	V1	UG/L	0.0	0.1	22.22%
22796	5/14/01	CADMIUM	0.1	U	V1	0.1	B	V1	UG/L	0.0	0.1	**31.58%**
00500	5/15/01	CADMIUM	0.8	B	V1	0.4	B	V1	UG/L	0.4	0.6	**65.55%**
00100	5/23/01	CADMIUM	0.2	B	V1	0.3	B	V1	UG/L	0.0	0.3	8.00%
02500	6/6/01	CADMIUM	0.1	B	V1	0.1	B	V1	UG/L	0.0	0.1	9.52%
00597	7/19/01	CADMIUM	0.6	B	UJ	0.5	B	UJ	UG/L	0.1	0.6	10.91%
P209389	7/23/01	CADMIUM	0.3	B	UJ1	0.4	B	UJ1	UG/L	0.1	0.3	20.90%
03991	8/7/01	CADMIUM	0.1	B	V1	0.1	B	V1	UG/L	0.0	0.1	**38.41%**
37201	8/10/01	CADMIUM	0.2	B	V1	0.2	B	V1	UG/L	0.0	0.2	11.76%
22896	9/12/01	CADMIUM	0.1	B	V1	0.1	B	V1	UG/L	0.0	0.1	13.33%
02291	10/11/01	CADMIUM-dissolved	0.5	B	V1	0.2	U	V1	UG/L	0.3	0.4	**97.14%**
00597	1/10/01	CALCIUM	26400		V1	28300		V1	UG/L	1900.0	27350.0	6.95%
22896	1/11/01	CALCIUM	150000		V1	150000		V1	UG/L	0.0	150000.0	0.00%
12691	1/15/01	CALCIUM	165000		V	165000		V	UG/L	0.0	165000.0	0.00%
03991	1/23/01	CALCIUM	102000		V	101000		V	UG/L	1000.0	101500.0	0.99%
P209389	2/13/01	CALCIUM	128000		V1	130000		V1	UG/L	2000.0	129000.0	1.55%
41299	2/26/01	CALCIUM	107000		V1	103000		V1	UG/L	4000.0	105000.0	3.81%
07391	3/6/01	CALCIUM	643000		V1	671000		V1	UG/L	28000.0	657000.0	4.26%
22996	3/20/01	CALCIUM	41100	B	V1	42400	B	V1	UG/L	1300.0	41750.0	3.11%
02291	4/10/01	CALCIUM	77500		V1	77100		V1	UG/L	400.0	77300.0	0.52%
22796	5/14/01	CALCIUM	410000		V1	384000		V1	UG/L	26000.0	397000.0	6.55%
00500	5/15/01	CALCIUM	101000		V1	105000		V1	UG/L	4000.0	103000.0	3.88%
00100	5/23/01	CALCIUM	84400		V1	86200		V1	UG/L	1800.0	85300.0	2.11%
02500	6/6/01	CALCIUM	178000		V1	158000		V1	UG/L	20000.0	168000.0	11.90%
00597	7/19/01	CALCIUM	28600		J	28600		J	UG/L	0.0	28600.0	0.00%
40299	7/23/01	CALCIUM	106000		J	107000		J	UG/L	1000.0	106500.0	0.94%
P209389	7/23/01	CALCIUM	113000		V1	113000		V1	UG/L	0.0	113000.0	0.00%
03991	8/7/01	CALCIUM	97000		V1	97000		V1	UG/L	0.0	97000.0	0.00%
37201	8/10/01	CALCIUM	120000		V1	120000		V1	UG/L	0.0	120000.0	0.00%
22896	9/12/01	CALCIUM	53000		V1	74000		V1	UG/L	21000.0	63500.0	**33.07%**
02291	10/11/01	CALCIUM-dissolved	77000		V1	76200		V1	UG/L	800.0	76600.0	1.04%
02500	10/23/01	CALCIUM-dissolved	144000		V1	149000		V1	UG/L	5000.0	146500.0	3.41%
00100	11/15/01	CALCIUM-dissolved	85600		V1	85100		V1	UG/L	500.0	85350.0	0.59%
00600	11/15/01	CALCIUM-dissolved	86200		V1	85900		V1	UG/L	300.0	86050.0	0.35%
37791	12/11/01	CALCIUM-dissolved	86900		V1	87900		V1	UG/L	1000.0	87400.0	1.14%
3687	10/16/01	CALCIUM-total	145000		V1	144000		V1	UG/L	1000.0	144500.0	0.69%
22896	1/11/01	CHROMIUM	12.4		V1	20.0		V1	UG/L	7.6	16.2	**46.91%**
41299	2/26/01	CHROMIUM	330.0		V1	327.0		V1	UG/L	3.0	328.5	0.91%
07391	3/6/01	CHROMIUM	0.4	B	J1	0.5	B	J1	UG/L	0.0	0.4	2.25%
22996	3/20/01	CHROMIUM	1.0	B	V1	1.0	B	V1	UG/L	0.0	1.0	3.05%
02291	4/10/01	CHROMIUM	1.0	B	V1	0.2	U	V1	UG/L	0.8	0.6	**126.05%**
22796	5/14/01	CHROMIUM	106.0		V1	77.5		V1	UG/L	28.5	91.8	**31.06%**
00100	5/23/01	CHROMIUM	0.3	B	V1	0.2	U	V1	UG/L	0.1	0.2	20.41%
02500	6/6/01	CHROMIUM	0.2	U	V1	0.3	B	V1	UG/L	0.1	0.3	**33.96%**
03991	8/7/01	CHROMIUM	6.0		V1	6.8		V1	UG/L	0.8	6.4	12.50%
37201	8/10/01	CHROMIUM	2.7		V1	3.3		V1	UG/L	0.6	3.0	20.00%
22896	9/12/01	CHROMIUM	3.7		V1	4.6		V1	UG/L	0.9	4.2	21.69%
00100	11/15/01	CHROMIUM-dissolved	1.2	B	J1	0.3	U	J1	UG/L	0.9	0.7	**128.77%**
3687	10/16/01	CHROMIUM-total	3.6		V1	4.9		V1	UG/L	1.3	4.3	**30.59%**
41299	2/26/01	COBALT	0.5	B	V1	0.3	B	V1	UG/L	0.2	0.4	**42.86%**

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
07391	3/6/01	COBALT	5.3	B	V1	5.4	B	V1	UG/L	0.1	5.4	1.87%
22796	5/14/01	COBALT	0.9	B	V1	0.7	B	V1	UG/L	0.2	0.8	24.10%
00500	5/15/01	COBALT	15.9	B	V1	16.5	B	V1	UG/L	0.6	16.2	3.70%
00100	5/23/01	COBALT	0.5	B	V1	0.5	B	V1	UG/L	0.0	0.5	2.15%
37201	8/10/01	COBALT	0.4	U	V1	0.5	B	V1	UG/L	0.1	0.5	10.99%
22896	9/12/01	COBALT	0.7	B	V1	0.4	U	V1	UG/L	0.3	0.6	**49.12%**
00600	11/15/01	COBALT	7.4	B	V1	7.7	B	V1	UG/L	0.3	7.6	3.97%
00597	1/10/01	COPPER	3.6		UJ1	2.5	B	UJ1	UG/L	1.1	3.0	**34.60%**
03991	1/23/01	COPPER	0.5	B	V	0.7	B	V	UG/L	0.1	0.6	21.49%
P209389	2/13/01	COPPER	1.9	B	UJ1	2.8	B	UJ1	UG/L	0.9	2.4	**35.94%**
41299	2/26/01	COPPER	1.0	B	V1	1.3	B	V1	UG/L	0.3	1.2	26.09%
07391	3/6/01	COPPER	4.3		V1	3.9		V1	UG/L	0.4	4.1	9.76%
22996	3/20/01	COPPER	1.1	B	J1	0.8	B	J1	UG/L	0.3	1.0	29.17%
02291	4/10/01	COPPER	0.8	B	UJ1	1.0	B	UJ1	UG/L	0.1	0.9	14.53%
22796	5/14/01	COPPER	2.2	B	UJ1	2.3	B	UJ1	UG/L	0.1	2.3	4.44%
00500	5/15/01	COPPER	0.2	B	UJ1	0.5	B	UJ1	UG/L	0.3	0.4	**68.49%**
00100	5/23/01	COPPER	1.7	B	UJ1	1.4	B	UJ1	UG/L	0.3	1.6	19.35%
02500	6/6/01	COPPER	1.4	B	V1	1.7	B	V1	UG/L	0.3	1.6	19.35%
00597	7/19/01	COPPER	0.5	B	UJ	5.5		V	UG/L	5.1	3.0	**169.75%**
40299	7/23/01	COPPER	0.2	B	UJ	0.1	U	J	UG/L	0.1	0.1	**103.03%**
P209389	7/23/01	COPPER	1.8	B	V1	1.9	B	V1	UG/L	0.1	1.9	5.41%
37201	8/10/01	COPPER	4.1		V1	3.6	B	V1	UG/L	0.5	3.9	12.99%
22896	9/12/01	COPPER	37.0		V1	1.2	B	V1	UG/L	35.8	19.1	**187.43%**
02500	10/23/01	COPPER-dissolved	3.1		UJ1	2.9	B	UJ1	UG/L	0.2	3.0	6.67%
00100	11/15/01	COPPER-dissolved	1.3	B	J1	0.8	B	J1	UG/L	0.5	1.0	**52.43%**
37791	12/11/01	COPPER-dissolved	2.2	B	UJ1	2.1	B	UJ1	UG/L	0.1	2.2	4.65%
3687	10/16/01	COPPER-total	1.4	B	UJ1	1.6	B	UJ1	UG/L	0.2	1.5	13.33%
00597	1/10/01	IRON	14.4	B	UJ1	6.2	B	UJ1	UG/L	8.2	10.3	**79.61%**
22896	1/11/01	IRON	115.0		UJ1	192.0		V1	UG/L	77.0	153.5	**50.16%**
12691	1/15/01	IRON	11.0	B	UJ	15.8	B	UJ	UG/L	4.8	13.4	**35.82%**
P209389	2/13/01	IRON	3.3	U	V1	3.3	U	V1	UG/L	0.0	3.3	0.00%
41299	2/26/01	IRON	13.5	B	V1	17.9	B	V1	UG/L	4.4	15.7	28.03%
07391	3/6/01	IRON	9.5	B	V1	4.4	U	V1	UG/L	5.1	7.0	**73.38%**
22996	3/20/01	IRON	31.8	B	V1	24.7	B	V1	UG/L	7.1	28.3	25.13%
02291	4/10/01	IRON	6.0	B	V1	4.2	B	V1	UG/L	1.8	5.1	**35.29%**
22796	5/14/01	IRON	827.0		V1	615.0		V1	UG/L	212.0	721.0	29.40%
00500	5/15/01	IRON	18400		V1	18800		V1	UG/L	400.0	18600.0	2.15%
00100	5/23/01	IRON	6.4	B	V1	3.9	U	V1	UG/L	2.5	5.2	**48.54%**
02500	6/6/01	IRON	6.3	B	V1	10.5	B	V1	UG/L	4.2	8.4	**50.00%**
00597	7/19/01	IRON	10.2	B	UJ	4.7	B	UJ	UG/L	5.5	7.5	**73.83%**
40299	7/23/01	IRON	11.5	B	UJ	7.9	B	UJ	UG/L	3.6	9.7	**37.11%**
P209389	7/23/01	IRON	5.8	B	UJ1	8.1	B	UJ1	UG/L	2.3	7.0	**33.09%**
03991	8/7/01	IRON	150.0		V1	160.0		V1	UG/L	10.0	155.0	6.45%
37201	8/10/01	IRON	390.0		V1	430.0		V1	UG/L	40.0	410.0	9.76%
22896	9/12/01	IRON	160.0		V1	360.0		V1	UG/L	200.0	260.0	**76.92%**
02500	10/23/01	IRON-dissolved	283.0		V1	53.6	B	UJ1	UG/L	229.4	168.3	**136.30%**
00600	11/15/01	IRON-dissolved	7080.0		V1	7470.0		V1	UG/L	390.0	7275.0	5.36%
3687	10/16/01	IRON-total	254.0		V1	110.0		UJ1	UG/L	144.0	182.0	**79.12%**
P209389	2/13/01	LEAD	1.5	U	V1	1.9	B	UJ1	UG/L	0.4	1.7	22.89%
00500	5/15/01	LEAD	0.7	U	V1	0.7	B	V1	UG/L	0.0	0.7	1.53%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
00597	7/19/01	LEAD	0.1	B	UJ	0.1	B	UJ	UG/L	0.0	0.1	23.73%
40299	7/23/01	LEAD	0.0	B	UJ	0.0	B	UJ	UG/L	0.0	0.0	0.00%
P209389	7/23/01	LEAD	0.1	B	UJ1	0.1	B	UJ1	UG/L	0.0	0.1	26.09%
03991	8/7/01	LEAD	0.6	U	V1	0.9	B	V1	UG/L	0.3	0.8	**43.71%**
37201	8/10/01	LEAD	0.7	B	V1	1.0	B	V1	UG/L	0.3	0.8	**35.71%**
00597	1/10/01	LITHIUM	10.2	B	J1	10.0	B	J1	UG/L	0.2	10.1	1.98%
22896	1/11/01	LITHIUM	19.0	B	V1	19.4	B	V1	UG/L	0.4	19.2	2.08%
12691	1/15/01	LITHIUM	10.0	B	V	9.7	B	V	UG/L	0.3	9.8	2.95%
03991	1/23/01	LITHIUM	8.4	B	J	8.2	B	J	UG/L	0.2	8.3	2.41%
P209389	2/13/01	LITHIUM	14.2	BE	J1	14.4	BE	J1	UG/L	0.2	14.3	1.40%
41299	2/26/01	LITHIUM	7.7	B	V1	7.4	B	V1	UG/L	0.3	7.6	3.97%
07391	3/6/01	LITHIUM	47.6	B	J1	50.5	B	J1	UG/L	2.9	49.1	5.91%
22996	3/20/01	LITHIUM	9.4	B	J1	9.0	B	J1	UG/L	0.4	9.2	4.35%
02291	4/10/01	LITHIUM	33.3	B	J1	33.4	B	J1	UG/L	0.1	33.4	0.30%
22796	5/14/01	LITHIUM	53.4	B	V1	47.2	B	V1	UG/L	6.2	50.3	12.33%
00500	5/15/01	LITHIUM	297.0		V1	303.0		V1	UG/L	6.0	300.0	2.00%
00100	5/23/01	LITHIUM	10.5	B	V1	10.5	B	V1	UG/L	0.0	10.5	0.00%
02500	6/6/01	LITHIUM	4.4	B	J1	3.9	B	J1	UG/L	0.5	4.2	12.05%
00597	7/19/01	LITHIUM	8.2	B	UJ	7.8	B	UJ	UG/L	0.4	8.0	5.00%
40299	7/23/01	LITHIUM	11.7	B	UJ	10.4	B	UJ	UG/L	1.3	11.1	11.76%
P209389	7/23/01	LITHIUM	14.6	B	J1	14.3	B	J1	UG/L	0.3	14.5	2.08%
03991	8/7/01	LITHIUM	6.6	B	V1	5.8	B	V1	UG/L	0.8	6.2	12.90%
37201	8/10/01	LITHIUM	5.1	B	V1	6.2	B	V1	UG/L	1.1	5.7	19.47%
22896	9/12/01	LITHIUM	14.0	B	V1	8.5	B	V1	UG/L	5.5	11.3	**48.89%**
02291	10/11/01	LITHIUM-dissolved	26.0	B	J1	25.2	B	J1	UG/L	0.8	25.6	3.13%
00100	11/15/01	LITHIUM-dissolved	8.9	B	V1	12.3	B	V1	UG/L	3.4	10.6	**32.08%**
00600	11/15/01	LITHIUM-dissolved	4.8	B	V1	4.1	U	V1	UG/L	0.7	4.5	15.73%
37791	12/11/01	LITHIUM-dissolved	27.1	B	V1	28.6	B	V1	UG/L	1.5	27.9	5.39%
3687	10/16/01	LITHIUM-total	5.3	B	J1	4.1	U	J1	UG/L	1.2	4.7	25.53%
00597	1/10/01	MAGNESIUM	5110		V1	5520		V1	UG/L	410.0	5315.0	7.71%
22896	1/11/01	MAGNESIUM	29300		V1	29400		V1	UG/L	100.0	29350.0	0.34%
12691	1/15/01	MAGNESIUM	12500		V	12400		V	UG/L	100.0	12450.0	0.80%
03991	1/23/01	MAGNESIUM	12700		V	12500		V	UG/L	200.0	12600.0	1.59%
P209389	2/13/01	MAGNESIUM	18600		V1	18800		V1	UG/L	200.0	18700.0	1.07%
41299	2/26/01	MAGNESIUM	13600		V1	13100		V1	UG/L	500.0	13350.0	3.75%
07391	3/6/01	MAGNESIUM	46500		V1	48300		V1	UG/L	1800.0	47400.0	3.80%
22996	3/20/01	MAGNESIUM	10300		V1	10600		V1	UG/L	300.0	10450.0	2.87%
02291	4/10/01	MAGNESIUM	22400		V1	22300		V1	UG/L	100.0	22350.0	0.45%
22796	5/14/01	MAGNESIUM	98000		V1	91200		V1	UG/L	6800.0	94600.0	7.19%
00500	5/15/01	MAGNESIUM	16600		V1	17000		V1	UG/L	400.0	16800.0	2.38%
00100	5/23/01	MAGNESIUM	12500		V1	12700		V1	UG/L	200.0	12600.0	1.59%
02500	6/6/01	MAGNESIUM	22700		V1	20300		V1	UG/L	2400.0	21500.0	11.16%
00597	7/19/01	MAGNESIUM	5370		J	5400		J	UG/L	30.0	5385.0	0.56%
40299	7/23/01	MAGNESIUM	15800		J	16000		J	UG/L	200.0	15900.0	1.26%
P209389	7/23/01	MAGNESIUM	18800		V1	18900		V1	UG/L	100.0	18850.0	0.53%
03991	8/7/01	MAGNESIUM	11000		V1	11000		V1	UG/L	0.0	11000.0	0.00%
37201	8/10/01	MAGNESIUM	17000		V1	17000		V1	UG/L	0.0	17000.0	0.00%
22896	9/12/01	MAGNESIUM	9900		V1	11000		V1	UG/L	1100.0	10450.0	10.53%
02291	10/11/01	MAGNESIUM-dissolved	22300		V1	21800		V1	UG/L	500.0	22050.0	2.27%
02500	10/23/01	MAGNESIUM-dissolved	24000		V1	24600		V1	UG/L	600.0	24300.0	2.47%
00100	11/15/01	MAGNESIUM-dissolved	12600		V1	12700		V1	UG/L	100.0	12650.0	0.79%
00600	11/15/01	MAGNESIUM-dissolved	15500		V1	15500		V1	UG/L	0.0	15500.0	0.00%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
37791	12/11/01	MAGNESIUM-dissolved	58400		V1	58800		V1	UG/L	400.0	58600.0	0.68%
3687	10/16/01	MAGNESIUM-total	11100		V1	11100		V1	UG/L	0.0	11100.0	0.00%
00597	1/10/01	MANGANESE	1.7	B	V1	1.0	B	V1	UG/L	0.6	1.3	**48.12%**
22896	1/11/01	MANGANESE	4.2	B	V1	3.8	B	V1	UG/L	0.4	4.0	9.50%
12691	1/15/01	MANGANESE	0.8	B	V	0.5	U	V	UG/L	0.3	0.6	**48.57%**
03991	1/23/01	MANGANESE	0.5	B	UJ	0.5	B	V	UG/L	0.1	0.5	11.76%
P209389	2/13/01	MANGANESE	0.5	B	V1	0.3	B	V1	UG/L	0.2	0.4	**38.12%**
41299	2/26/01	MANGANESE	89.1		V1	44.7		V1	UG/L	44.4	66.9	**66.37%**
07391	3/6/01	MANGANESE	6.7	B	V1	6.6	B	V1	UG/L	0.1	6.7	1.50%
22996	3/20/01	MANGANESE	0.9	B	V1	0.4	B	V1	UG/L	0.5	0.7	**77.61%**
02291	4/10/01	MANGANESE	0.2	B	UJ1	0.2	B	UJ1	UG/L	0.0	0.2	10.53%
22796	5/14/01	MANGANESE	511.0		V1	451.0		V1	UG/L	60.0	481.0	12.47%
00500	5/15/01	MANGANESE	4570.0		V1	4660.0		V1	UG/L	90.0	4615.0	1.95%
00100	5/23/01	MANGANESE	68.0		V1	66.2		V1	UG/L	1.8	67.1	2.68%
02500	6/6/01	MANGANESE	46.9		V1	50.0		V1	UG/L	3.1	48.5	6.40%
40299	7/23/01	MANGANESE	1.0	B	UJ	0.7	B	UJ	UG/L	0.3	0.8	**36.59%**
P209389	7/23/01	MANGANESE	2.2	B	V1	2.2	B	V1	UG/L	0.0	2.2	0.00%
37201	8/10/01	MANGANESE	200.0		V1	280.0		V1	UG/L	80.0	240.0	**33.33%**
22896	9/12/01	MANGANESE	16.0		V1	220.0		V1	UG/L	204.0	118.0	**172.88%**
02291	10/11/01	MANGANESE-dissolved	2.5	B	UJ1	6.1	B	UJ1	UG/L	3.6	4.3	**83.72%**
02500	10/23/01	MANGANESE-dissolved	91.6		V1	99.0		V1	UG/L	7.4	95.3	7.76%
00100	11/15/01	MANGANESE-dissolved	77.6		V1	75.8		V1	UG/L	1.8	76.7	2.35%
00600	11/15/01	MANGANESE-dissolved	1180.0		V1	1170.0		V1	UG/L	10.0	1175.0	0.85%
37791	12/11/01	MANGANESE-dissolved	3.5	B	V1	3.3	B	V1	UG/L	0.2	3.4	5.88%
3687	10/16/01	MANGANESE-total	10.4	B	UJ1	6.8	B	UJ1	UG/L	3.6	8.6	**41.86%**
02500	6/6/01	MERCURY	0.1		V1	0.1		V1	UG/L	0.0	0.1	0.00%
02291	10/11/01	MERCURY-dissolved	0.0	U	V1	0.0	U	V1	UG/L	0.0	0.0	0.00%
03991	1/23/01	MOLYBDENUM	1.1	B	V	1.1	B	V	UG/L	0.0	1.1	0.00%
41299	2/26/01	MOLYBDENUM	1.8	B	V1	1.6	B	V1	UG/L	0.2	1.7	11.76%
07391	3/6/01	MOLYBDENUM	7.9	B	V1	8.2	B	V1	UG/L	0.3	8.1	3.73%
22996	3/20/01	MOLYBDENUM	15.3	B	V1	16.3	B	V1	UG/L	1.0	15.8	6.33%
02291	4/10/01	MOLYBDENUM	1.0	B	V1	0.9	B	V1	UG/L	0.1	0.9	14.05%
22796	5/14/01	MOLYBDENUM	7.0	B	V1	6.4	B	V1	UG/L	0.6	6.7	8.96%
00500	5/15/01	MOLYBDENUM	0.6	B	UJ1	0.7	B	UJ1	UG/L	0.0	0.6	4.65%
00100	5/23/01	MOLYBDENUM	1.6	B	V1	1.6	B	V1	UG/L	0.0	1.6	0.00%
02500	6/6/01	MOLYBDENUM	1.6	B	V1	1.4	B	V1	UG/L	0.2	1.5	13.33%
00597	7/19/01	MOLYBDENUM	1.4	U	V	1.6	B	V	UG/L	0.2	1.5	13.33%
P209389	7/23/01	MOLYBDENUM	1.9	B	V1	1.4	U	V1	UG/L	0.5	1.7	**30.30%**
02291	10/11/01	MOLYBDENUM-dissolved	1.4	B	UJ1	1.3	B	UJ1	UG/L	0.1	1.4	7.41%
02500	10/23/01	MOLYBDENUM-dissolved	3.1	B	UJ1	1.7	B	UJ1	UG/L	1.4	2.4	**58.33%**
00100	11/15/01	MOLYBDENUM-dissolved	1.5	B	J1	1.3	B	J1	UG/L	0.2	1.4	14.29%
00600	11/15/01	MOLYBDENUM-dissolved	2.0	B	J1	1.6	B	J1	UG/L	0.4	1.8	22.22%
37791	12/11/01	MOLYBDENUM-dissolved	5.0	B	V1	5.4	B	V1	UG/L	0.4	5.2	7.69%
3687	10/16/01	MOLYBDENUM-total	1.2	B	UJ1	1.1	B	UJ1	UG/L	0.1	1.2	8.70%
22896	1/11/01	NICKEL	12.1	B	V1	12.9	B	V1	UG/L	0.8	12.5	6.40%
03991	1/23/01	NICKEL	2.8	B	V	2.7	B	V	UG/L	0.1	2.8	3.64%
P209389	2/13/01	NICKEL	2.3	B	UJ1	2.4	B	UJ1	UG/L	0.1	2.4	3.36%
41299	2/26/01	NICKEL	1.1	B	V1	0.8	B	V1	UG/L	0.3	1.0	27.98%
07391	3/6/01	NICKEL	83.0		V1	85.7		V1	UG/L	2.7	84.4	3.20%
22996	3/20/01	NICKEL	1.0	B	UJ1	0.8	B	UJ1	UG/L	0.2	0.9	23.46%
02291	4/10/01	NICKEL	2.3	B	V1	1.5	B	V1	UG/L	0.8	1.9	**42.11%**

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
22796	5/14/01	NICKEL	48.8		V1	39.4		V1	UG/L	9.4	44.1	21.32%
00500	5/15/01	NICKEL	16.9	B	V1	17.5	B	V1	UG/L	0.6	17.2	3.49%
00100	5/23/01	NICKEL	10.3	B	V1	10.3	B	V1	UG/L	0.0	10.3	0.00%
02500	6/6/01	NICKEL	2.2	B	V1	2.2	B	V1	UG/L	0.0	2.2	0.00%
00597	7/19/01	NICKEL	1.0	U	V	1.1	B	V	UG/L	0.1	1.1	9.52%
P209389	7/23/01	NICKEL	1.6	B	J1	1.8	B	J1	UG/L	0.2	1.7	11.76%
22896	9/12/01	NICKEL	63.0		V1	2.4	B	V1	UG/L	60.6	32.7	**185.32%**
02500	10/23/01	NICKEL-dissolved	4.2	B	V1	3.9	B	V1	UG/L	0.3	4.1	7.41%
00100	11/15/01	NICKEL-dissolved	11.3	B	V1	10.5	B	V1	UG/L	0.8	10.9	7.34%
00600	11/15/01	NICKEL-dissolved	7.1	B	V1	7.2	B	V1	UG/L	0.1	7.2	1.40%
3687	10/16/01	NICKEL-total	23.8		V1	17.3	B	V1	UG/L	6.5	20.6	**31.63%**
00597	1/10/01	POTASSIUM	649	B	V1	658	B	V1	UG/L	9.0	653.5	1.38%
22896	1/11/01	POTASSIUM	1280	BE	J1	1220	BE	J1	UG/L	60.0	1250.0	4.80%
12691	1/15/01	POTASSIUM	1210	BE	J	1220	BE	J	UG/L	10.0	1215.0	0.82%
03991	1/23/01	POTASSIUM	1200	B	J	1180	B	J	UG/L	20.0	1190.0	1.68%
P209389	2/13/01	POTASSIUM	1330	B	V1	1350	B	V1	UG/L	20.0	1340.0	1.49%
41299	2/26/01	POTASSIUM	1090	B	J1	1020	B	J1	UG/L	70.0	1055.0	6.64%
07391	3/6/01	POTASSIUM	3600	B	J1	3850	B	J1	UG/L	250.0	3725.0	6.71%
22996	3/20/01	POTASSIUM	1040	B	J1	995	B	J1	UG/L	45.0	1017.5	4.42%
02291	4/10/01	POTASSIUM	484	B	V1	474	B	V1	UG/L	10.0	479.0	2.09%
22796	5/14/01	POTASSIUM	1210	B	V1	1260	B	V1	UG/L	50.0	1235.0	4.05%
00500	5/15/01	POTASSIUM	6570		V1	6610		V1	UG/L	40.0	6590.0	0.61%
00100	5/23/01	POTASSIUM	1090	B	J1	1090	B	J1	UG/L	0.0	1090.0	0.00%
02500	6/6/01	POTASSIUM	5290		V1	4650	B	V1	UG/L	640.0	4970.0	12.88%
00597	7/19/01	POTASSIUM	1140	B	UJ	1040	B	UJ	UG/L	100.0	1090.0	9.17%
40299	7/23/01	POTASSIUM	1310	B	UJ	1850	B	UJ	UG/L	540.0	1580.0	**34.18%**
P209389	7/23/01	POTASSIUM	1510	B	J1	1720	B	J1	UG/L	210.0	1615.0	13.00%
03991	8/7/01	POTASSIUM	810	B	J1	820		J1	UG/L	10.0	815.0	1.23%
37201	8/10/01	POTASSIUM	5300		V1	5600		V1	UG/L	300.0	5450.0	5.50%
22896	9/12/01	POTASSIUM	810	B	V1	1600	B	V1	UG/L	790.0	1205.0	**65.56%**
02500	10/23/01	POTASSIUM-dissolved	4290	B	J1	4090	B	J1	UG/L	200.0	4190.0	4.77%
00100	11/15/01	POTASSIUM-dissolved	892	B	J1	1120	B	J1	UG/L	228.0	1006.0	22.66%
37791	12/11/01	POTASSIUM-dissolved	4160	B	J1	4370	B	J1	UG/L	210.0	4265.0	4.92%
00597	1/10/01	SELENIUM	2.9	B	R1	2.4	U	V1	UG/L	0.5	2.6	18.39%
41299	2/26/01	SELENIUM	1.2	B	V1	0.8	U	V1	UG/L	0.4	1.0	**42.42%**
07391	3/6/01	SELENIUM	2.6	B	V1	2.3	B	V1	UG/L	0.3	2.5	12.24%
22996	3/20/01	SELENIUM	1.7	B	UJ1	1.3	B	UJ1	UG/L	0.4	1.5	26.67%
02291	4/10/01	SELENIUM	1.9	B	J1	1.7	B	J1	UG/L	0.2	1.8	11.11%
22796	5/14/01	SELENIUM	3.0	B	J1	2.8	B	J1	UG/L	0.2	2.9	6.90%
02500	6/6/01	SELENIUM	2.3	B	UJ1	2.0	B	UJ1	UG/L	0.3	2.2	13.95%
00597	7/19/01	SELENIUM	0.7	B	V	0.7	B	V	UG/L	0.0	0.7	4.14%
40299	7/23/01	SELENIUM	0.7	B	V	0.7	B	V	UG/L	0.0	0.7	1.46%
03991	8/7/01	SELENIUM	1.3	B	V1	0.7	U	V1	UG/L	0.6	1.0	**65.31%**
22896	9/12/01	SELENIUM	1.4	B	V1	1.5	B	V1	UG/L	0.1	1.5	6.90%
02291	10/11/01	SELENIUM-dissolved	4.0		V1	2.8	B	V1	UG/L	1.2	3.4	**35.29%**
00597	7/19/01	SILVER	0.0	B	J	0.0	U	J	UG/L	0.0	0.0	**57.14%**
03991	8/7/01	SILVER	0.2	B	V1	0.1	B	UJ1	UG/L	0.1	0.1	**62.07%**
37201	8/10/01	SILVER	0.1	B	UJ1	0.3		UJ1	UG/L	0.2	0.2	**95.24%**
22896	9/12/01	SILVER	0.0	U	V1	0.1	B	UJ1	UG/L	0.0	0.0	**164.29%**
02291	10/11/01	SILVER-dissolved	0.3	B	UJ1	0.2	U	J1	UG/L	0.1	0.3	23.08%
00597	1/10/01	SODIUM	10200	E	V1	11000	E	V1	UG/L	800.0	10600.0	7.55%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
22896	1/11/01	SODIUM	42800		V1	42600		V1	UG/L	200.0	42700.0	0.47%
12691	1/15/01	SODIUM	16400		V	16400		V	UG/L	0.0	16400.0	0.00%
03991	1/23/01	SODIUM	13500		V	13300		V	UG/L	200.0	13400.0	1.49%
P209389	2/13/01	SODIUM	74100	E	J1	76000	E	J1	UG/L	1900.0	75050.0	2.53%
41299	2/26/01	SODIUM	20500		V1	19700		V1	UG/L	800.0	20100.0	3.98%
07391	3/6/01	SODIUM	319000		V1	335000		V1	UG/L	16000.0	327000.0	4.89%
22996	3/20/01	SODIUM	68300		V1	67500		V1	UG/L	800.0	67900.0	1.18%
02291	4/10/01	SODIUM	20100		V1	20400		V1	UG/L	300.0	20250.0	1.48%
22796	5/14/01	SODIUM	321000		V1	323000		V1	UG/L	2000.0	322000.0	0.62%
00500	5/15/01	SODIUM	99200		V1	100000		V1	UG/L	800.0	99600.0	0.80%
00100	5/23/01	SODIUM	34400		V1	35100		V1	UG/L	700.0	34750.0	2.01%
02500	6/6/01	SODIUM	135000		V1	120000		V1	UG/L	15000.0	127500.0	11.76%
00597	7/19/01	SODIUM	8200		J	8810		J	UG/L	610.0	8505.0	7.17%
40299	7/23/01	SODIUM	17600		J	19600		J	UG/L	2000.0	18600.0	10.75%
P209389	7/23/01	SODIUM	58700		V1	59800		V1	UG/L	1100.0	59250.0	1.86%
03991	8/7/01	SODIUM	13000		V1	13000		V1	UG/L	0.0	13000.0	0.00%
37201	8/10/01	SODIUM	210000		V1	220000		V1	UG/L	10000.0	215000.0	4.65%
22896	9/12/01	SODIUM	26000		V1	27000		V1	UG/L	1000.0	26500.0	3.77%
02291	10/11/01	SODIUM-dissolved	21100		V1	21100		V1	UG/L	0.0	21100.0	0.00%
02500	10/23/01	SODIUM-dissolved	137000		V1	137000		V1	UG/L	0.0	137000.0	0.00%
00100	11/15/01	SODIUM-dissolved	25400		V1	26200		V1	UG/L	800.0	25800.0	3.10%
00600	11/15/01	SODIUM-dissolved	17200		V1	17200		V1	UG/L	0.0	17200.0	0.00%
37791	12/11/01	SODIUM-dissolved	116000		V1	117000		V1	UG/L	1000.0	116500.0	0.86%
3687	10/16/01	SODIUM-total	11700		V1	11300		V1	UG/L	400.0	11500.0	3.48%
00597	1/10/01	STRONTIUM	150.0	B	V1	161.0	B	V1	UG/L	11.0	155.5	7.07%
22896	1/11/01	STRONTIUM	751.0		V1	751.0		V1	UG/L	0.0	751.0	0.00%
12691	1/15/01	STRONTIUM	456.0		V	459.0		V	UG/L	3.0	457.5	0.66%
03991	1/23/01	STRONTIUM	435.0		V	429.0		V	UG/L	6.0	432.0	1.39%
P209389	2/13/01	STRONTIUM	550.0		V1	558.0		V1	UG/L	8.0	554.0	1.44%
41299	2/26/01	STRONTIUM	427.0		V1	407.0		V1	UG/L	20.0	417.0	4.80%
07391	3/6/01	STRONTIUM	1540.0		V1	1620.0		V1	UG/L	80.0	1580.0	5.06%
22996	3/20/01	STRONTIUM	377.0		V1	381.0		V1	UG/L	4.0	379.0	1.06%
02291	4/10/01	STRONTIUM	629.0		V1	628.0		V1	UG/L	1.0	628.5	0.16%
22796	5/14/01	STRONTIUM	2500.0		V1	2310.0		V1	UG/L	190.0	2405.0	7.90%
00500	5/15/01	STRONTIUM	428.0		V1	439.0		V1	UG/L	11.0	433.5	2.54%
00100	5/23/01	STRONTIUM	395.0		V1	403.0		V1	UG/L	8.0	399.0	2.01%
02500	6/6/01	STRONTIUM	692.0		V1	621.0		V1	UG/L	71.0	656.5	10.81%
00597	7/19/01	STRONTIUM	151.0	B	V	152.0	B	V	UG/L	1.0	151.5	0.66%
40299	7/23/01	STRONTIUM	498.0		V	501.0		V	UG/L	3.0	499.5	0.60%
P209389	7/23/01	STRONTIUM	587.0		V1	620.0		V1	UG/L	33.0	603.5	5.47%
03991	8/7/01	STRONTIUM	390.0		V1	390.0		V1	UG/L	0.0	390.0	0.00%
37201	8/10/01	STRONTIUM	690.0		V1	700.0		V1	UG/L	10.0	695.0	1.44%
22896	9/12/01	STRONTIUM	300.0		V1	290.0		V1	UG/L	10.0	295.0	3.39%
02291	10/11/01	STRONTIUM-dissolved	647.0		V1	650.0		V1	UG/L	3.0	648.5	0.46%
02500	10/23/01	STRONTIUM-dissolved	703.0		V1	702.0		V1	UG/L	1.0	702.5	0.14%
00100	11/15/01	STRONTIUM-dissolved	382.0		V1	378.0		V1	UG/L	4.0	380.0	1.05%
00600	11/15/01	STRONTIUM-dissolved	409.0		V1	406.0		V1	UG/L	3.0	407.5	0.74%
37791	12/11/01	STRONTIUM-dissolved	1230.0		V1	1220.0		V1	UG/L	10.0	1225.0	0.82%
3687	10/16/01	STRONTIUM-total	409.0		V1	414.0		V1	UG/L	5.0	411.5	1.22%
22896	1/11/01	THALLIUM	5.0		R1	6.3		R1	UG/L	1.3	5.6	23.69%
00597	7/19/01	THALLIUM	0.0	B	UJ	0.0	B	UJ	UG/L	0.0	0.0	**31.11%**
40299	7/23/01	THALLIUM	0.0	B	UJ	0.0	B	UJ	UG/L	0.0	0.0	23.53%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Total and Dissolved Metals (Continued)												
P209389	7/23/01	THALLIUM	0.0	B	UJ1	0.1	B	UJ1	UG/L	0.0	0.1	11.76%
37201	8/10/01	THALLIUM	0.2	B	V1	0.3	B	V1	UG/L	0.1	0.2	**45.45%**
22896	9/12/01	THALLIUM	0.1	U	V1	0.4	B	J1	UG/L	0.3	0.2	**154.55%**
02291	10/11/01	THALLIUM-dissolved	4.6		UJ1	4.9		UJ1	UG/L	0.3	4.8	6.32%
02500	10/23/01	THALLIUM-dissolved	7.4		UJ1	5.0		UJ1	UG/L	2.4	6.2	**38.71%**
00100	11/15/01	THALLIUM-dissolved	2.5	B	J1	2.9	B	J1	UG/L	0.4	2.7	14.81%
00600	11/15/01	THALLIUM-dissolved	4.4		J1	2.9	B	J1	UG/L	1.5	3.7	**41.10%**
37791	12/11/01	THALLIUM-dissolved	2.1	U	J1	2.3	B	UJ1	UG/L	0.2	2.2	9.09%
3687	10/16/01	THALLIUM-total	3.4	B	UJ1	3.9	B	UJ1	UG/L	0.5	3.7	13.70%
12691	1/15/01	TIN	3.0	B	UJ	2.4	U	V	UG/L	0.6	2.7	23.70%
02500	10/23/01	TIN-dissolved	3.0	B	UJ1	2.2	U	V1	UG/L	0.8	2.6	**30.77%**
00100	11/15/01	TIN-dissolved	2.2	U	V1	3.2	B	UJ1	UG/L	1.0	2.7	**37.04%**
00597	1/10/01	URANIUM, total	2.6	B	J1	0.7	U	J1	UG/L	1.8	1.6	**111.93%**
22896	1/11/01	URANIUM, total	22.3	B	UJ1	19.8	B	UJ1	UG/L	2.5	21.1	11.88%
12691	1/15/01	URANIUM, total	30.1	B	UJ	29.4	B	UJ	UG/L	0.7	29.8	2.35%
P209389	2/13/01	URANIUM, total	10.8	U	V1	13.8	B	UJ1	UG/L	3.0	12.3	24.39%
03991	8/7/01	URANIUM, total	2.8		V1	2.6		V1	UG/L	0.2	2.7	7.41%
37201	8/10/01	URANIUM, total	2.8		V1	2.8		V1	UG/L	0.0	2.8	0.00%
22896	9/12/01	URANIUM, total	0.1	BN	V1	0.1	BN	V1	UG/L	0.0	0.1	**40.34%**
00597	1/10/01	VANADIUM	0.5	B	UJ1	0.6	B	UJ1	UG/L	0.1	0.6	10.91%
22896	1/11/01	VANADIUM	0.6	B	V1	0.5	U	V1	UG/L	0.2	0.6	**35.00%**
12691	1/15/01	VANADIUM	1.5	B	V	1.5	B	V	UG/L	0.1	1.5	6.02%
03991	1/23/01	VANADIUM	0.6	B	V	0.4	B	V	UG/L	0.2	0.5	**39.22%**
41299	2/26/01	VANADIUM	0.5	B	V1	0.5	B	V1	UG/L	0.0	0.5	5.71%
22996	3/20/01	VANADIUM	1.1	B	V1	1.1	B	V1	UG/L	0.0	1.1	0.00%
22796	5/14/01	VANADIUM	0.2	B	UJ1	0.2	U	V1	UG/L	0.0	0.2	20.00%
00500	5/15/01	VANADIUM	0.3	B	UJ1	0.2	B	UJ1	UG/L	0.0	0.3	11.76%
00100	5/23/01	VANADIUM	0.6	B	V1	0.6	B	V1	UG/L	0.0	0.6	3.57%
02500	6/6/01	VANADIUM	0.7	B	UJ1	0.6	B	UJ1	UG/L	0.2	0.7	22.90%
00597	7/19/01	VANADIUM	0.8	B	V	0.9	B	V	UG/L	0.1	0.9	8.09%
40299	7/23/01	VANADIUM	0.5	B	V	0.4	U	V	UG/L	0.0	0.4	9.30%
03991	8/7/01	VANADIUM	2.4	B	V1	2.6	B	V1	UG/L	0.2	2.5	8.00%
00597	1/10/01	ZINC	12.7	B	V1	11.8	B	V1	UG/L	0.9	12.3	7.35%
22896	1/11/01	ZINC	2.8	B	UJ1	15.6	B	UJ1	UG/L	12.8	9.2	**139.31%**
12691	1/15/01	ZINC	14.5	B	UJ	14.6	B	UJ	UG/L	0.1	14.6	0.69%
03991	1/23/01	ZINC	3.1	B	V	3.8	B	V	UG/L	0.7	3.5	20.29%
P209389	2/13/01	ZINC	3.9	B	V1	4.1	B	V1	UG/L	0.2	4.0	5.97%
41299	2/26/01	ZINC	6.1	B	V1	6.2	B	V1	UG/L	0.1	6.2	1.63%
07391	3/6/01	ZINC	4.3	B	V1	3.9	B	V1	UG/L	0.4	4.1	9.76%
22996	3/20/01	ZINC	3.6	B	UJ1	3.7	B	UJ1	UG/L	0.1	3.7	2.74%
02291	4/10/01	ZINC	4.8	B	UJ1	5.9	B	UJ1	UG/L	1.1	5.4	20.56%
22796	5/14/01	ZINC	4.9	B	V1	4.7	B	V1	UG/L	0.2	4.8	4.17%
00500	5/15/01	ZINC	14.5	B	V1	14.4	B	V1	UG/L	0.1	14.5	0.69%
00100	5/23/01	ZINC	7.4	B	V1	5.2	B	V1	UG/L	2.2	6.3	**34.92%**
02500	6/6/01	ZINC	3.2	B	UJ1	22.1		V1	UG/L	18.9	12.7	**149.41%**
00597	7/19/01	ZINC	6.1	B	UJ	5.4	B	UJ	UG/L	0.7	5.8	12.17%
40299	7/23/01	ZINC	11.9	B	UJ	5.6	B	UJ	UG/L	6.3	8.8	**72.00%**
P209389	7/23/01	ZINC	6.2	B	V1	6.2	B	V1	UG/L	0.0	6.2	0.00%
37201	8/10/01	ZINC	3.5	B	V1	3.1	B	V1	UG/L	0.4	3.3	12.12%
22896	9/12/01	ZINC	1.6	B	J1	4.9	B	J1	UG/L	3.3	3.3	**101.54%**

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Water Quality Parameters (WQPs)												
90099	8/22/01	CHLORIDE	64.0		V1	64.0		V1	MG/L	0.0	64.0	0.00%
40299	7/23/01	CYANIDE	0.0	U	V	0.0	B	V	MG/L	0.0	0.0	26.09%
00597	1/10/01	FLUORIDE	0.1		V1	0.1		V1	MG/L	0.0	0.1	22.22%
P209389	2/13/01	FLUORIDE	0.4		V1	0.4		V1	MG/L	0.0	0.4	0.00%
00597	7/19/01	FLUORIDE	0.4	B	V	0.4	B	V	MG/L	0.0	0.4	9.52%
P209389	7/24/01	FLUORIDE	0.5	B	V1	0.5		V1	MG/L	0.0	0.5	8.33%
90099	8/22/01	NITRATE	3.1		J1	3.2		J1	MG/L	0.1	3.2	3.17%
00597	1/10/01	NITRATE/NITRITE	11.0		V1	11.0		V1	MG/L	0.0	11.0	0.00%
22896	1/11/01	NITRATE/NITRITE	11.0		V	11.0		V	MG/L	0.0	11.0	0.00%
12691	1/15/01	NITRATE/NITRITE	4.2		V1	4.2		V1	MG/L	0.0	4.2	0.00%
03991	1/23/01	NITRATE/NITRITE	4.0		V1	4.1		V1	MG/L	0.1	4.1	2.47%
P209389	2/13/01	NITRATE/NITRITE	3.1		V1	3.3		V1	MG/L	0.2	3.2	6.25%
41299	2/26/01	NITRATE/NITRITE	3.1		V	3.1		V	MG/L	0.0	3.1	0.00%
07391	3/6/01	NITRATE/NITRITE	60.0		V1	59.0		V1	MG/L	1.0	59.5	1.68%
22996	3/20/01	NITRATE/NITRITE	2.4		V1	2.2		V1	MG/L	0.2	2.3	8.70%
02291	4/10/01	NITRATE/NITRITE	6.8		V1	6.4		V1	MG/L	0.4	6.6	6.06%
22796	5/14/01	NITRATE/NITRITE	1.8		V	1.7		V	MG/L	0.1	1.8	5.71%
00100	5/23/01	NITRATE/NITRITE	4.2		V1	4.2		V1	MG/L	0.0	4.2	0.00%
Real/Dup/Rinse sample/values were mixed up in shipping or at lab. In hardcopy Real=4.2, Dup=0.05, Rinse=4.2. The Rinse value is used for the duplicate here.												
02500	6/6/01	NITRATE/NITRITE	11.0		V1	11.0		V1	MG/L	0.0	11.0	0.00%
40299	7/23/01	NITRATE/NITRITE	5.6		V	5.6		V	MG/L	0.0	5.6	0.00%
P209389	7/23/01	NITRATE/NITRITE	2.0		V1	2.0		V1	MG/L	0.0	2.0	0.00%
03991	8/7/01	NITRATE/NITRITE	4.5		V1	4.5		V1	MG/L	0.0	4.5	0.00%
37201	8/10/01	NITRATE/NITRITE	0.8		V1	0.8		V1	MG/L	0.0	0.8	0.00%
22896	9/12/01	NITRATE/NITRITE	5.4		V1	4.2		V1	MG/L	1.2	4.8	25.00%
02291	10/11/01	NITRATE/NITRITE	5.5		V1	5.6		V1	MG/L	0.1	5.6	1.80%
3687	10/16/01	NITRATE/NITRITE	5.4		V1	5.6		V1	MG/L	0.2	5.5	3.64%
02500	10/23/01	NITRATE/NITRITE	15.7		V1	15.6		V1	MG/L	0.1	15.7	0.64%
00100	11/15/01	NITRATE/NITRITE	3.4		V1	3.6		V1	MG/L	0.2	3.5	5.71%
00600	11/15/01	NITRATE/NITRITE	0.1		V1	0.1		V1	MG/L	0.0	0.1	1.74%
37791	12/11/01	NITRATE/NITRITE	1.1		V1	1.1		V1	MG/L	0.0	1.1	0.00%
00597	7/19/01	NITRATE/NITRITE (DL1/DL1)	9.9		V	10.0		V	MG/L	0.1	10.0	1.01%
37791	12/12/01	PETRO. HYDROCS, T. RECOVER	1.0	U	V1	1.0	U	V1	MG/L	0.0	1.0	0.00%
SW13494	12/12/01	PETRO. HYDROCS, T. RECOVER	1.0	U	V1	1.0	U	V1	MG/L	0.0	1.0	0.00%
00597	1/10/01	SULFATE	28.0		V1	24.0		V1	MG/L	4.0	26.0	15.38%
P209389	2/13/01	SULFATE	160.0		V1	150.0		V1	MG/L	10.0	155.0	6.45%
07391	3/6/01	SULFATE	200.0		V1	200.0		V1	MG/L	0.0	200.0	0.00%
00597	7/19/01	SULFATE	26.8		V	27.2		V	MG/L	0.4	27.0	1.48%
90099	8/22/01	SULFATE	64.0		V1	64.0		V1	MG/L	0.0	64.0	0.00%
P209389	7/24/01	SULFATE (DL1/DL1)	136.0		V1	138.0		V1	MG/L	2.0	137.0	1.46%
90099	8/22/01	SULFIDE	0.1		V1	0.1		V1	MG/L	0.0	0.1	0.00%
00597	1/10/01	TOTAL DISSOLVED SOLIDS	230.0		V1	230.0		V1	MG/L	0.0	230.0	0.00%
22896	1/11/01	TOTAL DISSOLVED SOLIDS	810.0		V1	820.0		V1	MG/L	10.0	815.0	1.23%
12691	1/15/01	TOTAL DISSOLVED SOLIDS	580.0		V1	540.0		V1	MG/L	40.0	560.0	7.14%
03991	1/23/01	TOTAL DISSOLVED SOLIDS	390.0		V1	410.0		V1	MG/L	20.0	400.0	5.00%
P209389	2/13/01	TOTAL DISSOLVED SOLIDS	730.0		V1	730.0		V1	MG/L	0.0	730.0	0.00%
41299	2/26/01	TOTAL DISSOLVED SOLIDS	510.0		V	520.0		V	MG/L	10.0	515.0	1.94%
07391	3/6/01	TOTAL DISSOLVED SOLIDS	2000.0		V1	2000.0		V1	MG/L	0.0	2000.0	0.00%
22996	3/20/01	TOTAL DISSOLVED SOLIDS	270.0		V1	320.0		V1	MG/L	50.0	295.0	16.95%
02291	4/10/01	TOTAL DISSOLVED SOLIDS	660.0		J1	670.0		J1	MG/L	10.0	665.0	1.50%

Table 11-1

Relative Percent Differences (RPDs) - Groundwater - Calendar Year 2001

Location	Sample Date	Analyte	Real Result	Real Lab Qual	Real Valid-ation	Dup Result	Dup Lab Qual	Dup Valid-ation	Units	Absolute Value |Real-Dup|	Average (Real+Dup)/2	RPD AbsVal/AveX100
Water Quality Parameters (WQPs, Continued)												
22796	5/14/01	TOTAL DISSOLVED SOLIDS	3600.0		V	3600.0		V	MG/L	0.0	3600.0	0.00%
00100	5/23/01	TOTAL DISSOLVED SOLIDS	450.0		V1	460.0		V1	MG/L	10.0	455.0	2.20%
02500	6/6/01	TOTAL DISSOLVED SOLIDS	1000.0		V1	990.0		V1	MG/L	10.0	995.0	1.01%
00597	7/19/01	TOTAL DISSOLVED SOLIDS	191.0		V	195.0		V	MG/L	4.0	193.0	2.07%
40299	7/23/01	TOTAL DISSOLVED SOLIDS	587.0		V	594.0		V	MG/L	7.0	590.5	1.19%
P209389	7/24/01	TOTAL DISSOLVED SOLIDS	649.0		V1	657.0		V1	MG/L	8.0	653.0	1.23%
03991	8/7/01	TOTAL DISSOLVED SOLIDS	490.0		V1	470.0		V1	MG/L	20.0	480.0	4.17%
37201	8/10/01	TOTAL DISSOLVED SOLIDS	1100.0		J1	1100.0		J1	MG/L	0.0	1100.0	0.00%
90099	8/22/01	TOTAL DISSOLVED SOLIDS	560.0		V1	550.0		V1	MG/L	10.0	555.0	1.80%
22896	9/12/01	TOTAL DISSOLVED SOLIDS	460.0		V1	450.0		V1	MG/L	10.0	455.0	2.20%
02291	10/11/01	TOTAL DISSOLVED SOLIDS	396.0		V1	400.0		V1	MG/L	4.0	398.0	1.01%
3687	10/16/01	TOTAL DISSOLVED SOLIDS	500.0		V1	490.0		V1	MG/L	10.0	495.0	2.02%
02500	10/23/01	TOTAL DISSOLVED SOLIDS	977.0		V1	974.0		V1	MG/L	3.0	975.5	0.31%
00100	11/15/01	TOTAL DISSOLVED SOLIDS	396.0		V1	414.0		V1	MG/L	18.0	405.0	4.44%
37791	12/12/01	TOTAL DISSOLVED SOLIDS	789.0		V1	786.0		V1	MG/L	3.0	787.5	0.38%
90099	8/22/01	TOTAL ORGANIC CARBON	1.5		V1	1.3		V1	MG/L	0.2	1.4	14.29%