

**Table 3-1  
Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-01S	20-Mar-07	8	<1	7	21.6
CPT-01S	18-May-07	14	<1	<1	NR
CPT-01S	20-Jun-07	9	<1	<1	20.9
CPT-01S	28-Aug-07	8	<1	<1	20.9
CPT-02S	20-Mar-07	8	<1	7	20.9
CPT-02S	17-May-07	33	<1	<1	20.5
CPT-02S	20-Jun-07	8	<1	<1	20.9
CPT-02S	22-Jun-07	3	<1	<1	20.9
CPT-02S	28-Aug-07	7	<1	<1	20.9
CPT-03S	22-Mar-07	2	<1	<1	20.9
CPT-03S	17-May-07	5	<1	<1	20.9
CPT-03S	21-Jun-07	6	<1	<1	21.2
CPT-03S	27-Aug-07	10	<1	4	20.3
CPT-04S	21-Mar-07	<1	<1	<1	20.5
CPT-04S	17-May-07	7	<1	<1	20.9
CPT-04S	18-Jun-07	12	<1	<1	21.3
CPT-04S	30-Aug-07	14	<1	<1	20.9
CPT-05S	22-Mar-07	2	<1	5	20.9
CPT-05S	17-May-07	1	<1	<1	20.9
CPT-05S	19-Jun-07	2	<1	<1	20.9
CPT-05S	28-Aug-07	3	<1	<1	20.9
CPT-05S	25-Sep-07	4	<1	<1	20.9
CPT-05S	6-Nov-07	3	<1	<1	20.9
CPT-05V	17-May-07	<1	<1	<1	20.3
CPT-05V	28-Aug-07	3	<1	<1	20.9
CPT-06S	21-Mar-07	2	<1	8	20.9
CPT-06S	17-May-07	2	<1	<1	20.9
CPT-06S	18-Jun-07	<1	<1	<1	21.3
CPT-06S	27-Aug-07	1	<1	<1	21.3
CPT-07S	22-Mar-07	6	<1	4	20.9
CPT-07S	17-May-07	6	<1	<1	20.9
CPT-07S	20-Jun-07	2	<1	<1	20.9
CPT-07S	27-Aug-07	1	<1	<1	20.9
CPT-08S	21-Mar-07	<1	<1	<1	20.5
CPT-08S	17-May-07	3	<1	<1	20.9
CPT-08S	20-Jun-07	<1	<1	<1	20.9
CPT-08S	28-Aug-07	2	<1	<1	20.9
CPT-09S	21-Mar-07	<1	<1	<1	20.4
CPT-09S	17-May-07	3	<1	<1	20.9
CPT-09S	18-Jun-07	<1	<1	<1	21.3
CPT-09S	28-Aug-07	21	<1	<1	20.9
CPT-09S	25-Sep-07	<1	<1	1	20.9
CPT-09S	6-Nov-07	<1	<1	<1	20.9
CPT-09V	17-May-07	1	<1	<1	20.5
CPT-09V	28-Aug-07	7	<1	<1	20.3

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-10S	21-Mar-07	<1	<1	<1	20.5
CPT-10S	17-May-07	15	<1	<1	20.9
CPT-10S	19-Jun-07	6	<1	<1	21.4
CPT-10S	28-Aug-07	11	<1	<1	20.9
CPT-11S	21-Mar-07	6	<1	15	20.5
CPT-11S	17-May-07	12	<1	3	20.9
CPT-11S	20-Jun-07	17	<1	<1	20.5
CPT-11S	21-Jun-07	1	<1	<1	20.9
CPT-11S	28-Aug-07	27	<1	14	20
CPT-11S	25-Sep-07	8	<1	8	20.4
CPT-11S	6-Nov-07	8	<1	9	20.3
CPT-11V	17-May-07	1	<1	<1	20.5
CPT-11V	28-Aug-07	7	<1	<1	20.3
CPT-12S	21-Mar-07	1	<1	6	20.9
CPT-12S	17-May-07	1	<1	<1	20.9
CPT-12S	18-Jun-07	1	<1	<1	21.1
CPT-12S	27-Aug-07	8	<1	<1	20.9
CPT-13S	13-Mar-07	1	<1	<1	20.9
CPT-13S	17-May-07	4	<1	<1	20.9
CPT-13S	27-Jun-07	3	<1	<1	20.9
CPT-13S	29-Aug-07	25	<1	3	20.5
CPT-14S	21-Mar-07	5	<1	11	20.4
CPT-14S	17-May-07	6	<1	<1	20.9
CPT-14S	21-Jun-07	5	<1	<1	20.9
CPT-14S	27-Aug-07	<1	<1	<1	20.9
CPT-15S	22-Mar-07	3	<1	4	20.9
CPT-15S	17-May-07	3	<1	<1	20.9
CPT-15S	19-Jun-07	2	<1	<1	20.9
CPT-15S	30-Aug-07	22	<1	<1	20.9
CPT-16S	13-Mar-07	1	<1	<1	20.9
CPT-16S	18-May-07	6	<1	<1	NR
CPT-16S	27-Jun-07	4	<1	<1	20.9
CPT-16S	30-Aug-07	3	<1	<1	20.5
CPT-17S	13-Mar-07	1	<1	<1	20.9
CPT-17S	17-May-07	2	<1	<1	20.9
CPT-17S	20-Jun-07	8	<1	<1	20.9
CPT-17S	30-Aug-07	1	<1	<1	20.9
CPT-18S	20-Mar-07	<1	<1	7	20.9
CPT-18S	17-May-07	5	<1	<1	20.9
CPT-18S	18-Jun-07	6	<1	<1	20.9
CPT-18S	19-Jun-07	5	<1	<1	20.9
CPT-18S	29-Aug-07	<1	<1	<1	20.9
CPT-19S	20-Mar-07	3	<1	<1	20.2
CPT-20S	20-Mar-07	<1	<1	<1	20.9

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-21S	13-Mar-07	1	<1	<1	20.9
CPT-21S	18-May-07	6	<1	<1	20.9
CPT-21S	27-Jun-07	1	<1	<1	20.9
CPT-21S	28-Aug-07	<1	<1	<1	19.4
CPT-21S	26-Sep-07	1	<1	<1	20.3
CPT-21S	6-Nov-07	1	<1	<1	20.9
CPT-21V	18-May-07	2	<1	<1	20.1
CPT-22S	22-Mar-07	9	<1	4	20.9
CPT-22S	17-May-07	8	<1	<1	20.9
CPT-22S	21-Jun-07	24	<1	<1	20.9
CPT-22S	28-Aug-07	16	<1	<1	21.4
CPT-22V	17-May-07	4	<1	<1	20.9
CPT-22V	28-Aug-07	13	<1	<1	20.1
CPT-23S	19-Mar-07	2	<1	<1	20.9
CPT-23S	18-May-07	2	<1	<1	20.9
CPT-23S	19-Jun-07	7	<1	<1	20.9
CPT-23S	28-Aug-07	<1	<1	<1	20.9
CPT-23S	27-Sep-07	<1	<1	<1	20.9
CPT-23S	8-Nov-07	<1	<1	<1	20.9
CPT-24S	13-Mar-07	1	<1	<1	20.5
CPT-24S	17-May-07	18	<1	<1	20.9
CPT-24S	21-Jun-07	11	<1	<1	21.2
CPT-24S	29-Aug-07	<1	<1	<1	20.9
CPT-24S	27-Sep-07	<1	<1	<1	21.2
CPT-24S	6-Nov-07	<1	<1	<1	20.9
CPT-25S	12-Mar-07	<1	<1	<1	20.9
CPT-25S	27-Sep-07	1	<1	<1	18.9
CPT-25S	6-Nov-07	1	<1	<1	20.9
CPT-26D	19-Mar-07	6	<1	<1	20.9
CPT-26D	17-May-07	4	<1	<1	NR
CPT-26D	21-Jun-07	1	<1	<1	20.9
CPT-26D	28-Aug-07	3	<1	<1	20.9
CPT-26D	27-Sep-07	<1	<1	<1	20.9
CPT-26D	8-Nov-07	2	<1	<1	20.6
CPT-26S	19-Mar-07	4	<1	<1	20.9
CPT-26S	17-May-07	10	<1	<1	NR
CPT-26S	21-Jun-07	1	<1	<1	20.9
CPT-26S	28-Aug-07	8	<1	<1	20.7
CPT-26S	27-Sep-07	<1	<1	<1	20.4
CPT-26S	8-Nov-07	3	<1	<1	20.5
CPT-26V	17-May-07	3	<1	<1	NR
CPT-27S	20-Mar-07	2	<1	<1	20.3
CPT-27S	26-Sep-07	4	<1	<1	18
CPT-27S	6-Nov-07	<1	<1	<1	20.9
CPT-27V	20-Mar-07	4	<1	<1	19.6

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-28S	19-Mar-07	3	<1	<1	20.9
CPT-28S	18-May-07	2	<1	<1	20.9
CPT-28S	18-Jun-07	8	<1	<1	21.8
CPT-28S	22-Jun-07	2	<1	<1	20.9
CPT-28S	27-Jun-07	3	<1	<1	20.9
CPT-28S	29-Aug-07	<1	<1	<1	20.9
CPT-29D	23-Mar-07	4	<1	4	20.4
CPT-29D	18-May-07	6	<1	<1	NR
CPT-29D	22-Jun-07	<1	<1	<1	20.9
CPT-29D	29-Aug-07	5	<1	<1	20.9
CPT-29D	27-Sep-07	6	<1	<1	20.9
CPT-29D	7-Nov-07	12	<1	<1	20.6
CPT-29S	23-Mar-07	<1	<1	<1	20.5
CPT-29S	18-May-07	1	<1	<1	NR
CPT-29S	22-Jun-07	<1	<1	<1	20.9
CPT-29S	29-Aug-07	1	<1	<1	20.9
CPT-29S	27-Sep-07	<1	<1	<1	21.4
CPT-29S	7-Nov-07	<1	<1	<1	20.9
CPT-29V	23-Mar-07	4	<1	7	20
CPT-29V	18-May-07	1	<1	<1	NR
CPT-30S	23-Mar-07	5	<1	<1	20.4
CPT-30S	17-May-07	5	<1	<1	20.9
CPT-30S	19-Jun-07	6	<1	<1	20.9
CPT-30S	29-Aug-07	11	<1	<1	20.9
CPT-30S	27-Sep-07	<1	<1	<1	20.9
CPT-30S	8-Nov-07	<1	<1	<1	20.9
CPT-30V	17-May-07	4	<1	<1	20.4
CPT-30V	29-Aug-07	9	<1	<1	20.4
CPT-30V	27-Sep-07	<1	<1	<1	20.9
CPT-31S	21-Mar-07	18	1	5	20.3
CPT-31S	17-May-07	3	<1	<1	20.9
CPT-31S	19-Jun-07	8	<1	<1	20.9
CPT-31S	29-Aug-07	1	<1	<1	20.9
CPT-31S	27-Sep-07	2	<1	<1	21.3
CPT-31S	8-Nov-07	<1	<1	<1	20.9
CPT-32S	13-Mar-07	<1	<1	<1	20.9
CPT-32S	17-May-07	5	<1	<1	20.9
CPT-32S	27-Jun-07	4	<1	<1	20.9
CPT-32S	28-Aug-07	<1	<1	<1	20.9
CPT-33S	22-Mar-07	1	<1	<1	20.9
CPT-33S	17-May-07	3	<1	<1	20.9
CPT-33S	19-Jun-07	<1	<1	<1	20.9
CPT-33S	28-Aug-07	<1	<1	<1	20.9

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-34S	20-Mar-07	<1	<1	<1	20.9
CPT-34S	17-May-07	4	<1	<1	20.9
CPT-34S	19-Jun-07	7	<1	<1	20.9
CPT-34S	29-Aug-07	3	<1	<1	15.6
CPT-34S	26-Sep-07	2	<1	<1	20.9
CPT-34S	6-Nov-07	3	<1	<1	20.9
CPT-34V	20-Mar-07	1	<1	<1	18.5
CPT-34V	17-May-07	1	<1	<1	17.9
CPT-35D	21-Mar-07	6	<1	3	20.9
CPT-35D	18-May-07	7	<1	<1	NR
CPT-35D	22-Jun-07	3	<1	<1	20.9
CPT-35D	28-Aug-07	5	<1	<1	20.9
CPT-35D	26-Sep-07	1	<1	<1	21.6
CPT-35D	8-Nov-07	3	<1	<1	20.9
CPT-35S	21-Mar-07	3	<1	<1	20.5
CPT-35S	18-May-07	8	<1	<1	NR
CPT-35S	22-Jun-07	6	<1	<1	20.9
CPT-35S	28-Aug-07	3	<1	<1	20.9
CPT-35S	26-Sep-07	1	<1	<1	21.4
CPT-35S	8-Nov-07	<1	<1	<1	20.9
CPT-36S	23-Mar-07	7	<1	32	19.7
CPT-36S	18-May-07	10	<1	10	NR
CPT-36S	19-Jun-07	5	<1	<1	20.9
CPT-36S	30-Aug-07	6	<1	<1	20.9
CPT-36S	27-Sep-07	<1	<1	<1	21.2
CPT-36S	8-Nov-07	<1	<1	<1	20.9
CPT-36V	23-Mar-07	3	<1	21	8.1
CPT-36V	18-May-07	3	<1	<1	NR
CPT-36V	30-Aug-07	8	<1	<1	7.9
CPT-36V	27-Sep-07	4	<1	<1	17.2
CPT-37S	12-Mar-07	<1	<1	<1	20.5
CPT-37S	6-Nov-07	<1	<1	<1	20.9
CPT-38S	12-Mar-07	<1	<1	<1	20.5
CPT-38S	26-Sep-07	1	<1	<1	20.9
CPT-38S	7-Nov-07	<1	<1	<1	20.9
CPT-41D	19-Mar-07	3	<1	<1	20.9
CPT-41D	18-May-07	4	<1	22	NR
CPT-41D	22-Jun-07	1	<1	<1	20.9
CPT-41D	29-Aug-07	3	<1	7	20.5
CPT-41D	26-Sep-07	2	<1	1	20.9
CPT-41D	7-Nov-07	<1	<1	<1	20.9

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-41S	19-Mar-07	4	<1	<1	20.9
CPT-41S	18-May-07	12	<1	<1	NR
CPT-41S	22-Jun-07	1	<1	<1	20.9
CPT-41S	29-Aug-07	8	<1	<1	20.9
CPT-41S	26-Sep-07	5	<1	<1	20.9
CPT-41S	7-Nov-07	6	<1	<1	20.9
CPT-43S	23-Mar-07	7	<1	21	20.3
CPT-43S	18-May-07	<1	<1	<1	NR
CPT-43S	21-Jun-07	<1	<1	<1	20.9
CPT-43S	30-Aug-07	12	<1	27	20.1
CPT-43S	27-Sep-07	<1	<1	10	21.1
CPT-43S	8-Nov-07	<1	<1	<1	20.9
CPT-43V	23-Mar-07	3	<1	26	9.7
CPT-43V	18-May-07	1	<1	<1	NR
CPT-44S	23-Mar-07	17	1	6	21.2
CPT-44S	17-May-07	1	<1	<1	20.9
CPT-44S	19-Jun-07	2	<1	<1	20.9
CPT-44S	29-Aug-07	1	<1	<1	20.9
CPT-44S	30-Aug-07	<1	<1	<1	20.9
CPT-44S	26-Sep-07	<1	<1	<1	20.9
CPT-44S	27-Sep-07	<1	1	<1	22.1
CPT-44S	7-Nov-07	1	<1	<1	20.5
CPT-44S	8-Nov-07	<1	<1	<1	20.9
CPT-44V	17-May-07	1	<1	<1	2
CPT-45D	21-Mar-07	5	<1	<1	20.9
CPT-45D	18-May-07	3	<1	<1	NR
CPT-45D	22-Jun-07	<1	<1	<1	20.9
CPT-45D	27-Aug-07	<1	<1	<1	20.9
CPT-45D	27-Sep-07	2	<1	5	20
CPT-45D	7-Nov-07	2	<1	<1	20.9
CPT-45S	21-Mar-07	4	<1	<1	20.9
CPT-45S	18-May-07	9	<1	<1	
CPT-45S	22-Jun-07	<1	<1	<1	20.9
CPT-45S	27-Aug-07	<1	<1	<1	20.9
CPT-45S	27-Sep-07	<1	<1	<1	20.2
CPT-45S	7-Nov-07	1	<1	<1	20.9
CPT-45V	21-Mar-07	6	<1	<1	17.8
CPT-45V	18-May-07	3	<1	<1	NR
CPT-46D	23-Mar-07	7	<1	100	18
CPT-46D	18-May-07	10	<1	100	NR
CPT-46D	21-Jun-07	3	<1	<1	13.2
CPT-46D	28-Aug-07	4	<1	93	20.4
CPT-46D	27-Sep-07	<1	<1	<1	20.9
CPT-46D	7-Nov-07	<1	<1	6	20.9

**Table 3-1  
Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-46S	23-Mar-07	1	<1	8	20.2
CPT-46S	18-May-07	3	<1	<1	NR
CPT-46S	21-Jun-07	3	<1	<1	20.9
CPT-46S	28-Aug-07	6	<1	<1	20.6
CPT-46S	30-Aug-07	<1	<1	5	20.9
CPT-46S	27-Sep-07	<1	<1	<1	20.9
CPT-46S	7-Nov-07	<1	<1	<1	20.9
CPT-46V	23-Mar-07	3	<1	5	18.9
CPT-46V	18-May-07	3	<1	<1	NR
CPT-47S	12-Mar-07	1	<1	<1	20.9
CPT-47S	26-Sep-07	2	<1	<1	19.1
CPT-47S	7-Nov-07	<1	<1	<1	20.9
CPT-48S	20-Mar-07	<1	<1	2	19.9
CPT-48S	17-May-07	<1	<1	<1	20.9
CPT-48S	26-Jun-07	2	<1	<1	20.9
CPT-48S	29-Aug-07	1	<1	<1	20.9
CPT-49S	20-Mar-07	6	<1	<1	20.9
CPT-49S	17-May-07	2	<1	<1	20.9
CPT-49S	26-Jun-07	2	<1	<1	20.9
CPT-49S	29-Aug-07	15	<1	<1	20.9
CPT-49S	25-Sep-07	<1	<1	<1	20.9
CPT-49S	6-Nov-07	2	<1	<1	21.2
CPT-49V	17-May-07	4	<1	<1	20.3
CPT-49V	29-Aug-07	4	<1	<1	15.7
CPT-50S	20-Mar-07	4	<1	<1	20.4
CPT-50S	18-May-07	4	<1	<1	20.9
CPT-50S	19-Jun-07	9	<1	<1	20.9
CPT-50S	29-Aug-07	12	<1	<1	19.7
CPT-50S	25-Sep-07	1	<1	<1	9.5
CPT-50S	7-Nov-07	<1	<1	<1	20.9
CPT-50V	20-Mar-07	2	<1	<1	19.2
CPT-50V	18-May-07	1	<1	<1	19.7
CPT-51S	22-Mar-07	1	<1	<1	20.9
CPT-52S	22-Mar-07	9	<1	4	20.5
CPT-52S	17-May-07	6	<1	<1	20.9
CPT-52S	21-Jun-07	12	<1	<1	20.9
CPT-52S	27-Aug-07	<1	<1	<1	20.9
CPT-52S	8-Nov-07	3	<1	<1	20.6
CPT-53S	20-Mar-07	19	2	100	15
CPT-53S	17-May-07	10	<1	100	18.2
CPT-53S	22-Jun-07	2	<1	100	20.9
CPT-53S	26-Jun-07	6	<1	100	15
CPT-53S	29-Aug-07	2	<1	100	4.5
CPT-53S	25-Sep-07	<1	<1	100	20.4
CPT-53S	7-Nov-07	<1	<1	<1	20.9

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-54S	23-Mar-07	5	<1	20	19.7
CPT-54S	17-May-07	4	<1	3	20.5
CPT-54S	22-Jun-07	2	<1	<1	20.9
CPT-54S	30-Aug-07	18	<1	<1	20.9
CPT-54S	27-Sep-07	<1	<1	<1	20.9
CPT-54S	7-Nov-07	<1	<1	<1	20.9
CPT-54V	17-May-07	4	<1	<1	10.3
CPT-54V	30-Aug-07	16	<1	<1	17.8
CPT-54V	27-Sep-07	3	<1	<1	20.2
CPT-55S	22-Mar-07	4	<1	<1	20.9
CPT-55S	17-May-07	2	<1	<1	20.9
CPT-55S	18-Jun-07	6	<1	<1	20.9
CPT-55S	29-Aug-07	2	<1	<1	20.9
CPT-56S	22-Mar-07	50	<1	11	20.3
CPT-56S	17-May-07	4	<1	<1	20.9
CPT-56S	22-Jun-07	<1	<1	<1	20.9
CPT-56S	28-Aug-07	40	<1	<1	20.7
CPT-57R	21-Mar-07	3	<1	100	1.9
CPT-57R	17-May-07	<1	<1	100	0.1
CPT-57R	21-Jun-07	<1	<1	100	2.8
CPT-57R	29-Aug-07	<1	<1	100	1.7
CPT-57R	27-Sep-07	34	<1	100	21.1
CPT-57R	7-Nov-07	<1	<1	1	20.9
CPT-57S	21-Mar-07	8	<1	100	4.3
CPT-57S	17-May-07	8	<1	100	2.9
CPT-57S	21-Jun-07	17	<1	100	6.7
CPT-57S	27-Jun-07	6	<1	100	12.5
CPT-57S	29-Aug-07	8	<1	100	1.7
CPT-57S	27-Sep-07	16	<1	99	20.4
CPT-57S	7-Nov-07	1	<1	100	2.9
CPT-58S	20-Mar-07	10	<1	11	20.6
CPT-58S	17-May-07	3	<1	<1	20.9
CPT-58S	26-Jun-07	3	<1	<1	20.9
CPT-58S	29-Aug-07	16	<1	5	20.5
CPT-58S	25-Sep-07	5	<1	15	20.4
CPT-58S	7-Nov-07	2	<1	4	20.7
CPT-59S	22-Mar-07	<1	<1	<1	20.9
CPT-59S	17-May-07	4	<1	<1	20.9
CPT-59S	20-Jun-07	3	<1	<1	20.9
CPT-59S	28-Aug-07	<1	<1	<1	20.9
CPT-60S	22-Mar-07	<1	<1	<1	20.5
CPT-60S	17-May-07	3	<1	<1	20.9
CPT-60S	20-Jun-07	<1	<1	<1	20.9
CPT-60S	29-Aug-07	<1	<1	<1	20.9
CPT-60S	27-Sep-07	1	<1	<1	20.9
CPT-60S	6-Nov-07	1	<1	<1	20.9



**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-61S	21-Mar-07	<1	<1	<1	20.5
CPT-61S	17-May-07	2	<1	<1	20.9
CPT-61S	19-Jun-07	2	<1	<1	20.9
CPT-61S	29-Aug-07	<1	<1	<1	20.9
CPT-62S	21-Mar-07	1	<1	<1	20.4
CPT-62S	17-May-07	9	<1	<1	20.9
CPT-62S	26-Jun-07	2	<1	<1	20.9
CPT-62S	27-Aug-07	<1	<1	<1	20.9
CPT-62S	27-Sep-07	5	<1	<1	20.9
CPT-62S	6-Nov-07	<1	<1	<1	20.9
CPT-63S	19-Mar-07	<1	<1	<1	21.2
CPT-63S	17-May-07	11	<1	<1	20.9
CPT-63S	19-Jun-07	5	<1	<1	20.9
CPT-63S	29-Aug-07	10	<1	<1	20.9
CPT-63S	25-Sep-07	<1	<1	<1	23.2
CPT-63S	6-Nov-07	3	<1	<1	21.2
CPT-63V	17-May-07	<1	<1	<1	20.0
CPT-63V	29-Aug-07	4	<1	<1	20.9
CPT-64S	22-Mar-07	6	<1	7	20.3
CPT-64S	17-May-07	7	<1	<1	20.9
CPT-64S	22-Jun-07	2	<1	<1	20.9
CPT-64S	29-Aug-07	10	<1	<1	20.9
CPT-64S	25-Sep-07	2	<1	<1	21.4
CPT-64S	7-Nov-07	<1	<1	<1	20.9
CPT-65S	23-Mar-07	1	<1	<1	20.5
CPT-65S	17-May-07	3	<1	<1	20.9
CPT-65S	22-Jun-07	1	<1	<1	20.9
CPT-65S	28-Aug-07	<1	<1	<1	20.4
CPT-65S	27-Sep-07	2	<1	<1	20.2
CPT-65S	6-Nov-07	1	<1	<1	20.9
CPT-66S	20-Mar-07	8	1	<1	20.4
CPT-66S	17-May-07	13	<1	<1	20.9
CPT-66S	22-Jun-07	<1	<1	<1	20.9
CPT-66S	28-Aug-07	4	<1	<1	20.5
CPT-67S	22-Mar-07	18	<1	11	20.3
CPT-67S	17-May-07	4	<1	<1	20.9
CPT-67S	18-Jun-07	<1	<1	<1	20.9
CPT-67S	29-Aug-07	3	<1	<1	20.9
CPT-68S	23-Mar-07	4	<1	<1	20.5
CPT-68S	17-May-07	3	<1	<1	20.9
CPT-69S	22-Mar-07	<1	<1	<1	20.9
CPT-69S	17-May-07	5	<1	<1	20.9
CPT-69S	22-Jun-07	<1	<1	<1	20.9
CPT-69S	29-Aug-07	18	<1	<1	20.6

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-70S	22-Mar-07	<1	<1	<1	20.9
CPT-70S	17-May-07	8	<1	<1	20.9
CPT-70S	18-Jun-07	<1	<1	<1	20.9
CPT-70S	29-Aug-07	7	<1	<1	20.9
CPT-71S	12-Mar-07	<1	<1	<1	20.9
CPT-71S	26-Sep-07	5	<1	<1	18.2
CPT-71S	7-Nov-07	<1	<1	<1	20.9
CPT-72S	22-Mar-07	1	<1	<1	20.9
CPT-72S	17-May-07	2	<1	<1	20.4
CPT-72S	20-Jun-07	3	<1	<1	20.9
CPT-72S	28-Aug-07	<1	<1	<1	20.9
CPT-74S	20-Mar-07	3	<1	<1	20.5
CPT-74S	17-May-07	4	<1	<1	20.9
CPT-74S	18-Jun-07	6	<1	<1	20.9
CPT-74S	29-Aug-07	1	<1	<1	20.9
CPT-74S	25-Sep-07	2	<1	<1	21.1
CPT-74S	7-Nov-07	<1	<1	<1	20.9
CPT-74V	20-Mar-07	<1	<1	<1	19.7
CPT-84S	20-Mar-07	16	<1	<1	20.9
CPT-84S	17-May-07	8	<1	<1	20.9
CPT-84S	20-Jun-07	<1	<1	<1	20.9
CPT-84S	29-Aug-07	2	<1	<1	20.5
CPT-84S	27-Sep-07	7	<1	<1	20.3
CPT-84S	6-Nov-07	<1	<1	<1	20.9
CPT-85S	23-Mar-07	4	<1	<1	20.4
CPT-85S	17-May-07	9	<1	<1	20.9
CPT-85S	22-Jun-07	<1	<1	<1	20.9
CPT-85S	29-Aug-07	3	<1	5	20.4
CPT-85S	27-Sep-07	5	<1	<1	19.9
CPT-85S	6-Nov-07	3	<1	<1	20.5
CPT-86S	20-Mar-07	13	<1	<1	20.9
CPT-86S	17-May-07	8	<1	<1	20.9
CPT-86S	20-Jun-07	6	<1	<1	20.9
CPT-86S	29-Aug-07	12	<1	<1	20.9
CPT-86S	27-Sep-07	3	<1	<1	20.5
CPT-86S	6-Nov-07	<1	<1	<1	20.9
CPT-87S	22-Mar-07	1	<1	<1	20.5
CPT-87S	17-May-07	21	<1	<1	20.9
CPT-87S	26-Jun-07	2	<1	<1	20.9
CPT-87S	29-Aug-07	41	<1	<1	20.4
CPT-88S	21-Mar-07	1	<1	<1	20.4
CPT-88S	17-May-07	3	<1	<1	20.9
CPT-88S	21-Jun-07	2	<1	<1	20.9
CPT-88S	28-Aug-07	2	<1	<1	20.8

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
CPT-89S	22-Mar-07	6	<1	4	20.9
CPT-89S	17-May-07	4	<1	<1	20.9
CPT-89S	21-Jun-07	2	<1	<1	20.9
CPT-89S	30-Aug-07	19	<1	<1	20.9
CPT-89S	27-Sep-07	<1	<1	<1	21.3
CPT-89S	8-Nov-07	<1	<1	<1	20.9
CPT-89V	17-May-07	2	<1	<1	20.0
CPT-89V	30-Aug-07	5	<1	<1	19.7
CPT-89V	27-Sep-07	4	<1	<1	20.4
CPT-90S	22-Mar-07	4	<1	4	20.9
CPT-90S	17-May-07	2	<1	<1	20.9
CPT-90S	21-Jun-07	13	<1	<1	21.2
CPT-90S	28-Aug-07	1	<1	<1	20.9
CPT-90S	8-Nov-07	14	<1	<1	20.4
CPT-90V	17-May-07	1	<1	<1	20.5
CPT-91S	21-Mar-07	3	<1	13	20.9
CPT-91S	17-May-07	7	<1	<1	20.9
CPT-91S	21-Jun-07	3	<1	<1	20.9
CPT-91S	29-Aug-07	<1	<1	<1	20.9
CPT-91S	27-Sep-07	<1	<1	<1	20.9
CPT-91S	7-Nov-07	1	<1	4	20.9
CPT-91V	17-May-07	1	<1	<1	6.0
CPT-91V	27-Sep-07	3	<1	<1	18.7
H100	12-Mar-07	<1	<1	<1	20.9
H100	23-Mar-07	<1	1	<1	20.9
H100	21-Jun-07	1	<1	<1	20.9
H100	19-Jul-07	<1	<1	<1	20.9
H100	27-Aug-07	<1	<1	<1	20.9
H100	25-Sep-07	<1	<1	<1	22.3
H100	7-Nov-07	<1	<1	<1	20.9
H101	23-Mar-07	4	2	4	20.9
H101	21-Jun-07	2	<1	<1	20.9
H101	19-Jul-07	1	<1	<1	20.9
H101	27-Aug-07	<1	<1	<1	20.9
H101	25-Sep-07	<1	<1	<1	20.8
H101	7-Nov-07	<1	<1	<1	20.9
H102	19-Jul-07	1	<1	<1	20.9
H26	18-Jul-07	1	<1	<1	21.2
H29/30	18-Jul-07	1	<1	<1	20.9
H31	18-Jul-07	1	<1	<1	20.9
H34	23-Mar-07	<1	<1	<1	20.9
H34	19-Jun-07	2	<1	<1	20.9
H34	18-Jul-07	3	<1	<1	21.2
H34	27-Aug-07	<1	<1	<1	20.9
H48	18-Jul-07	1	<1	<1	20.9

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
H52/57	19-Mar-07	NR	<1	<1	NR
H52/57	19-Jun-07	5	<1	<1	20.9
H52/57	18-Jul-07	1	<1	<1	20.9
H52/57	27-Aug-07	<1	<1	<1	20.9
H59	18-Jul-07	2	<1	<1	20.9
H59W	18-Jul-07	1	<1	<1	20.9
H59W	27-Sep-07	<1	<1	<1	20.9
H61	19-Mar-07	NR	<1	<1	NR
H61	19-Jun-07	2	<1	<1	20.9
H61	18-Jul-07	1	<1	<1	21.1
H61	27-Aug-07	<1	<1	<1	20.9
H62/63	19-Mar-07	NR	<1	<1	NR
H62/63	19-Jun-07	2	<1	<1	20.9
H62/63	27-Aug-07	<1	<1	<1	20.9
H62/63	27-Sep-07	1	<1	<1	20.9
H62/63	7-Nov-07	<1	<1	<1	20.9
H64/65	19-Mar-07	NR	<1	<1	NR
H64/65	21-Jun-07	2	<1	<1	20.9
H64/65	19-Jul-07	1	<1	<1	20.9
H64/65	28-Aug-07	<1	<1	<1	20.9
H64/65	7-Nov-07	<1	<1	<1	20.9
H66	19-Mar-07	NR	<1	<1	NR
H66	21-Jun-07	2	<1	<1	20.9
H66	19-Jul-07	<1	<1	<1	20.9
H66	27-Aug-07	<1	<1	<1	20.9
H66	27-Sep-07	<1	<1	<1	20.9
H66	7-Nov-07	<1	<1	<1	20.9
H67	23-Mar-07	<1	<1	<1	20.9
H67	21-Jun-07	1	<1	<1	20.9
H67	18-Jul-07	1	<1	<1	20.9
H67	28-Aug-07	<1	<1	<1	20.9
H69	18-Jul-07	2	<1	<1	20.9
H74/75	18-Jul-07	1	<1	<1	20.9
H76	18-Jul-07	1	<1	<1	20.9
H90/91	18-Jul-07	2	<1	<1	20.9
H98	23-Mar-07	<1	<1	<1	20.9
H98	21-Jun-07	2	<1	<1	20.9
H98	19-Jul-07	1	<1	<1	20.9
H98	27-Aug-07	<1	<1	<1	20.9
H98	27-Sep-07	<1	<1	<1	20.9
H98	7-Nov-07	<1	<1	<1	20.9

**Table 3-1**  
**Headspace and Wellhead Screening Results**

Location	Collection Date	Carbon Monoxide	Hydrogen Sulfide	Combustible Gas	Oxygen
		ppm	ppm	%LEL	%
L59	23-Mar-07	4	1	<1	20.9
L59	21-Jun-07	<1	<1	<1	20.9
L59	27-Aug-07	<1	<1	<1	20.9
L59	27-Sep-07	<1	<1	<1	20.9
L59	7-Nov-07	<1	<1	<1	20.9
WMSWP	18-Apr-07	<1	<1	<1	20.9

< indicates the target analyte was not detected at the associated detection threshold.

% = percent

%LEL = percent of the Lower Explosive Limit

NR indicates result was not recorded either due to instrument error or oversight.

ppm = parts per million

WMSWP = Wind Mill Southwest of Plant

Table 3-2  
RMLD Air Monitoring Results

Date Technician	2-Aug-07		5-Sep-07		21-Sep-07		2-Oct-07		16-Oct-07		23-Oct-07		26-Oct-07		29-Oct-07		2-Nov-07		5-Nov-07	
							RH		DH		CW		CW		PB		PB		PB	
	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL
<b>Residential Locations</b>																				
H100	none		none		none		none		none		150	0	75	0	153	0	92	0	57	0
H100 Well	NM		NM		10,000		1,240		150		850	0	220	0	684	0	264	0	186	0
H64/65	none		none		none		none		none		80	0	80	0	68	0	88	0	63	0
H101	none		none		none		none		NM		NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
<b>CPT Locations</b>																				
57R	NM		NM		NM		1,300		900		700	0	100	0	53	0	52	0	60	0
57S	NM		NM		NM						4,500	100	3,500	100	3,555	100	4,012	100	3,825	95
53S	NM		NM		NM		NM		NM		300	0	53	0	39	0	64	0	42	0
41D	NM		NM		NM		NM		NM		250	0	50	0	68	0	62	0	58	0
46D	NM		NM		NM		NM		NM		200	0	55	0	41	0	48	0	36	0
<b>GAS PLANT OFFICE</b>	NM		NM		NM		NM		NM		65	0	37	0	42	0	38	0	57	0
<b>Other Surface Locations</b>																				
CR18, North of CRN	clear		clear		clear		clear		clear								Clear			
Wheat Field	clear		clear		clear		clear		clear								Clear			
CR18, South of CRN	clear		clear		clear		clear		clear								Clear			
CRN, West of CR18	clear		clear		clear		clear		clear								Clear			
<b>Sink Holes</b>																				
Field North of FMU#12	clear		clear		clear		clear		clear								Clear			
On CR18	clear		clear		clear		clear		clear								Clear			
West of CR18	2,000-3,000		2,000-3,000		500		850		180								150			
S/SE of Plant fence	clear		clear		clear		clear		clear								Clear			
S/W of Plant in pasture	clear		clear		clear		clear		clear								Clear			

Notes:  
%LEL = percent of the Lower Explosive Limit  
%LEL measured with Q-Rae multi-gas meter  
CH<sub>4</sub> = methane  
Methane results measured with RMLD  
NM = not measured  
ppm = parts per million  
RMLD = remote methane leak detector

Table 3-2  
RMLD Air Monitoring Results

Date Technician	9-Nov-07		12-Nov-07		16-Nov-07		19-Nov-07		27-Nov-07		30-Nov-07		3-Dec-07		7-Dec-07		10-Dec-07		14-Dec-07	
	PB		PB		PB		PB		PB		PB		PB		PB		PB		PB	
	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL
<b>Residential Locations</b>																				
H100	48	0	52	0	57	0	65	0	67	0	64	0	62	0						
H100 Well	103	0	106	0	142	0	109	0	79	0	92	0	88	0						
H64/65	53	0	68	0	69	0	82	0	50	0	68	0	58	0						
H101	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM						
<b>CPT Locations</b>																				
57R	911	0	634	0	922	0	1,009	0	1528	0	886	0	942	0			1,240	100	1,422	100
57S	1,472	100	1,930	100	2,056	100	1,952	100	2,246	100	2,019	100	2,128	100	1,243	100	1,682	100	1,279	100
53S	39	0	60	0	63	0	95	0	66	0	44	0	46	0						
41D	89	0	141	0	111	0	89	0	81	0	86	0	76	0						
46D	71	0	46	0	60	0	47	0	47	0	109	0	84	0						
<b>GAS PLANT OFFICE</b>	56	0	53	0	51	0	77	0	53	0	59	0	62	0	70	0	80	0	68	0
<b>Other Surface Locations</b>																				
CR18, North of CRN					Clear								Clear							
Wheat Field					Clear								Clear							
CR18, South of CRN					Clear								Clear							
CRN, West of CR18					Clear								Clear							
<b>Sink Holes</b>																				
Field North of FMU#12					Clear								Clear							
On CR18					Clear								Clear							
West of CR18	49	0	91	0	59	0	68	0	49	0	48	0	48	0						
S/SE of Plant fence					Clear								Clear							
S/W of Plant in pasture					Clear								Clear							

Notes:  
%LEL = percent of the Lower Explosive Limit  
%LEL measured with Q-Rae multi-gas meter  
CH<sub>4</sub> = methane  
Methane results measured with RMLD  
NM = not measured  
ppm = parts per million  
RMLD = remote methane leak detector

Table 3-2  
RMLD Air Monitoring Results

Date Technician	17-Dec-07		21-Dec-07		28-Dec-07		31-Dec-07		4-Jan-08		7-Jan-08		11-Jan-08		14-Jan-08		18-Jan-08		22-Jan-08	
	PB		PB		PB		PB		CW		PB		PB		CW		PB		PB	
	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL
<b>Residential Locations</b>																				
H100							60	0												
H100 Well			141	0			92	0					136	0			152	0		
H64/65							78	0												
H101							NM	NM												
<b>CPT Locations</b>																				
57R	1,428	100	1,118	100	729	100	796	79	298	80	1,021	100	386	24	38	2	229	0	185	0
57S	1,644	100	936	100	1,032	100	918	100	622	100	1,367	100	1,044	91	510	100	820	100	1,129	100
53S							47	0												
41D							29	0												
46D							66	0												
<b>GAS PLANT OFFICE</b>	58	0	63	0	64	0	76	0	89	0	91	0	65	0	42	0	68	0	69	0
<b>Other Surface Locations</b>																				
CR18, North of CRN																				
Wheat Field																				
CR18, South of CRN																				
CRN, West of CR18																				
<b>Sink Holes</b>																				
Field North of FMU#12																				
On CR18																				
West of CR18			47	0			85	0	77	0			76	0			59	0		
S/SE of Plant fence																				
S/W of Plant in pasture																				

Notes:  
%LEL = percent of the Lower Explosive Limit  
%LEL measured with Q-Rae multi-gas meter  
CH<sub>4</sub> = methane  
Methane results measured with RMLD  
NM = not measured  
ppm = parts per million  
RMLD = remote methane leak detector



Table 3-2  
RMLD Air Monitoring Results

Date Technician	25-Jan-08		28-Jan-08		1-Feb-08		4-Feb-08		8-Feb-08		11-Feb-08		15-Feb-08		18-Feb-08		22-Feb-08		25-Feb-08	
	PB		PB		CW		CW		PB		CW		PB		CW		PB		PB	
	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL
<b>Residential Locations</b>																				
H100					58	0														
H100 Well					74	0														
H64/65					78	0														
H101					NM	NM														
<b>CPT Locations</b>																				
57R	147	0	90	4	236	0	32	0	54	0	52	0	58	0	64	0	48	0	40	0
57S	1,210	100	930	100	850	76	250	0	70	0	64	0	82	0	74	0	750	100	551	100
53S					38	0														
41D					32	0														
46D					56	0														
<b>GAS PLANT OFFICE</b>	62	0	72	0	72	0	57	0	60	0	62	0	79	0	68	0	54	0	57	0
<b>Other Surface Locations</b>																				
CR18, North of CRN																				
Wheat Field																				
CR18, South of CRN																				
CRN, West of CR18																				
<b>Sink Holes</b>																				
Field North of FMU#12																				
On CR18																				
West of CR18					64	0														
S/SE of Plant fence																				
S/W of Plant in pasture																				

Notes:  
%LEL = percent of the Lower Explosive Limit  
%LEL measured with Q-Rae multi-gas meter  
CH<sub>4</sub> = methane  
Methane results measured with RMLD  
NM = not measured  
ppm = parts per million  
RMLD = remote methane leak detector

Table 3-2  
RMLD Air Monitoring Results

Technician	Date	29-Feb-08		3-Mar-08		7-Mar-08		10-Mar-08		14-Mar-08		17-Mar-08		20-Mar-08		24-Mar-08		28-Mar-08		31-Mar-08	
		PB		PB		CW		PB		PB		PB		PB		PB		PB		PB	
		CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL
Residential Locations																					
	H100			73	0															60	0
	H100 Well			124	0							122	0							132	0
	H64/65			68	0															72	0
	H101			52	0																
CPT Locations																					
	57R	76	0	92	0	67	0	45	0	47	0	68	0	68	0	69	0	47	0	59	0
	57S	900	100	910	100	1,020	100	790	100	910	100	990	100	1,057	100	937	100	900	100	889	100
	53S			58	0							34	0							64	0
	41D			74	0															125	0
	46D			43	0															43	0
GAS PLANT OFFICE																					
	70	0	55	0	52	0	55	0	62	0	62	0	60	0	53	0	58	0	60	0	
Other Surface Locations																					
	CR18, North of CRN																				
	Wheat Field																				
	CR18, South of CRN																				
	CRN, West of CR18																				
Sink Holes																					
	Field North of FMU#12																				
	On CR18			68	0			46	0	42	0										
	West of CR18			42	0			40	0	40	0	47	0								
	S/SE of Plant fence																				
	S/W of Plant in pasture																				

Notes:  
%LEL = percent of the Lower Explosive Limit  
%LEL measured with Q-Rae multi-gas meter  
CH<sub>4</sub> = methane  
Methane results measured with RMLD  
NM = not measured  
ppm = parts per million  
RMLD = remote methane leak detector

Table 3-2  
RMLD Air Monitoring Results

Date Technician	4-Apr-08		7-Apr-08		1-May-08		2-Jun-08		2-Jul-08		1-Aug-08	
	PB		PB		PB		PB		PB		PB	
	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL	CH <sub>4</sub> - ppm	%LEL
Residential Locations												
H100					58	0	52	0	107	0	98	0
H100 Well					156	0	118	0	103	0	92	0
H64/65					48	0	65	0	44	0	42	0
H101												
CPT Locations												
57R	48	0	52	0	37	0	22	0	56	0	52	0
57S	890	100	910	100	Abandoned							
53S					20	0	25	0	29	0	24	0
41D					80	0	64	0	37	0	42	0
46D					32	0	41	0	20	0	28	0
GAS PLANT OFFICE	50	0	54	0	47	0	51	0	48	0	57	0
Other Surface Locations												
CR18, North of CRN												
Wheat Field												
CR18, South of CRN												
CRN, West of CR18												
Sink Holes												
Field North of FMU#12												
On CR18												
West of CR18												
S/SE of Plant fence												
S/W of Plant in pasture												

Notes:  
%LEL = percent of the Lower Explosive Limit  
%LEL measured with Q-Rae multi-gas meter  
CH<sub>4</sub> = methane  
Methane results measured with RMLD  
NM = not measured  
ppm = parts per million  
RMLD = remote methane leak detector

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
CPT-01S	20-Mar-07	1407	2.55	173.5	7.34	15.26
CPT-01S	20-Jun-07	1571	2.63	160.5	7.22	19.05
CPT-01S	28-Aug-07	1536	7.14	154.8	7.06	17.1
CPT-02S	20-Mar-07	1507	2.17	94.5	7.34	16.84
CPT-02S	22-Jun-07	1813	8.07	183.3	7.27	26.98
CPT-02S	28-Aug-07	1644	4.35	217.4	7.11	17.9
CPT-03S	22-Mar-07	2469	3.99	349.6	7.06	12.6
CPT-03S	21-Jun-07	2634	3.97	203.1	6.99	19.32
CPT-03S	27-Aug-07	2078	5.93	26.6	7.17	17.96
CPT-04S	21-Mar-07	1200	1.27	-129.7	7.7	14.6
CPT-04S	18-Jun-07	1474	1.51	212.6	7.05	18.32
CPT-04S	30-Aug-07	1221	2.27	27	7.29	15.14
CPT-05S	22-Mar-07	578	2.68	57	7.72	13.37
CPT-05S	19-Jun-07	696	NR	147.5	7.61	13.38
CPT-05S	28-Aug-07	699	8.53	37	7.85	16.6
CPT-05S	25-Sep-07	530	3.92	108	7.55	14.93
CPT-05S	6-Nov-07	439	2.69	27.3	7.53	13.66
CPT-05S	18-Mar-08	719	3.4	49.4	7.6	12.92
CPT-06S	21-Mar-07	1068	8.29	14.7	7.84	15.92
CPT-06S	18-Jun-07	1217	4.6	62.2	7.29	20.3
CPT-06S	27-Aug-07	1385	12.14	152.6	8	24.75
CPT-06S	18-Mar-08	1350	3.26	-7.8	7.45	13.48
CPT-07S	22-Mar-07	956	8.23	82	7.59	14.37
CPT-07S	20-Jun-07	639	6.67	149.1	8.47	16.95
CPT-07S	27-Aug-07	954	9.14	151.6	7.98	25.85
CPT-08S	21-Mar-07	791	NR	99.9	7.58	14.76
CPT-08S	20-Jun-07	837	1.84	193	7.73	15.37
CPT-08S	28-Aug-07	1042	3.26	14	7.69	16.07
CPT-09S	21-Mar-07	642	1.75	158.3	7.79	17.41
CPT-09S	18-Jun-07	815	0.78	96.9	7.16	16.63
CPT-09S	28-Aug-07	1016	7.87	75.4	7.82	18.22
CPT-09S	25-Sep-07	850	2.23	95.7	7.39	17.7
CPT-09S	6-Nov-07	614	1.19	-15	7.33	13.85
CPT-09S	18-Mar-08	987		-1	7.46	12.35
CPT-10S	21-Mar-07	985	1.93	-104.3	7.67	14.97
CPT-10S	19-Jun-07	1181	1.82	188.5	7.59	17.85
CPT-10S	28-Aug-07	1231	7.49	28	7.77	18.73
CPT-10S	18-Mar-08	1280	1.8	156.8	7.34	10.4
CPT-11S	21-Mar-07	492	8.86	29.1	7.99	15.27
CPT-11S	20-Jun-07	656	0.89	77	8.18	18.78
CPT-11S	21-Jun-07	618	6.8	126	7.72	18.02
CPT-11S	28-Aug-07	732	8.28	95.7	8.08	16.52
CPT-11S	25-Sep-07	589	1.66	78.4	7.42	16.32
CPT-11S	6-Nov-07	470	1.97	80.5	7.4	13.05
CPT-11S	18-Mar-08	737		6.3	7.6	11.88

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
CPT-12S	21-Mar-07	652	2.4	23.5	7.31	11.6
CPT-12S	18-Jun-07	810	1.98	46.7	7.42	14.93
CPT-12S	27-Aug-07	834	4.18	147	7.63	14.38
CPT-12S	19-Mar-08	810	5.41	365.9	6.96	9.99
CPT-13S	13-Mar-07	902	2.37	311.1	7.48	15.46
CPT-13S	27-Jun-07	812	3.72	218.4	7.41	15.52
CPT-13S	29-Aug-07	628	3.45	116.2	7.65	14.26
CPT-14S	21-Mar-07	605	8	41.1	7.89	17.56
CPT-14S	21-Jun-07	597	NR	110.4	8.26	23.5
CPT-14S	27-Aug-07	675	13.95	168.2	7.65	21.68
CPT-15S	22-Mar-07	793	3.38	62.1	7.61	16.07
CPT-15S	19-Jun-07	890	2.53	-69.1	7.53	13.86
CPT-15S	30-Aug-07	920	3.64	-33.9	4.47	16.01
CPT-15S	19-Mar-08	860	1.53	395.5	7.49	12.51
CPT-16S	13-Mar-07	2531	2.31	318.3	7.07	14.05
CPT-16S	27-Jun-07	2497	3.75	218.7	7.08	16.61
CPT-16S	30-Aug-07	1744	4.09	-19	7.18	13.31
CPT-17S	13-Mar-07	2496	2.77	330.3	7.21	14.79
CPT-17S	20-Jun-07	2183	2.82	162.6	7.26	23.46
CPT-17S	30-Aug-07	2960	5.09	167.5	7.04	14.71
CPT-17S	17-Mar-08	2049	2.43	176.4	7.14	10.94
CPT-18S	20-Mar-07	2180	1.95	89	7.1	18.04
CPT-18S	18-Jun-07	2626	3.29	212.1	7.26	24.72
CPT-18S	19-Jun-07	2262	2.83	225.3	7.26	18.9
CPT-18S	17-Mar-08	2278	4	257.9	7	10.76
CPT-19S	20-Mar-07	1465	1.64	160.4	7.15	16.96
CPT-20S	20-Mar-07	2155	2.05	69	7.25	16.19
CPT-21S	13-Mar-07	3863	6.27	302.1	6.9	15.1
CPT-21S	27-Jun-07	3614	10.16	240.8	6.92	14.27
CPT-22S	22-Mar-07	741	5.74	74.9	7.64	15.88
CPT-22S	21-Jun-07	834	3.67	129.8	7.74	21.21
CPT-22S	28-Aug-07	914	2.84	36.3	7.6	19.33
CPT-22S	19-Mar-08	742	2.92	357.6	7.43	12.37
CPT-23S	19-Mar-07	2643	4.96	72.8	7.04	13.36
CPT-23S	19-Jun-07	2929	1.36	194.5	7.06	17.55
CPT-23S	28-Aug-07	3413	1.87	144.6	7.29	18.53
CPT-23S	27-Sep-07	2857	8.89	192	7.62	13.89
CPT-23S	8-Nov-07	3407	2.73	104.5	6.95	14.52
CPT-24S	13-Mar-07	2126	0.94	323.5	7.06	17.39
CPT-24S	21-Jun-07	1958	1.65	159.7	7.37	23.61
CPT-24S	29-Aug-07	1863	7.44	100.7	7.59	17.43
CPT-24S	27-Sep-07	1780	2.9	161.7	7.22	18
CPT-24S	6-Nov-07	1310	1.03	51.4	7.09	12.81
CPT-24S	17-Mar-08	1630	0.96	198.2	7.1	11.16

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
CPT-25S	12-Mar-07	3765	3.21	225.3	7.12	16.41
CPT-25S	27-Sep-07	3875	6.29	212.5	7.24	12.62
CPT-25S	6-Nov-07	3270	9.3	287.7	7	13.92
CPT-26D	19-Mar-07	2616	1.5	113.2	6.89	13.18
CPT-26D	21-Jun-07	3239	1.55	217.9	6.86	20.78
CPT-26D	28-Aug-07	2529	2.78	152.6	7.07	14.25
CPT-26D	27-Sep-07	2691	1.61	135.4	6.95	16.32
CPT-26D	8-Nov-07	3014	0.98	179.4	6.86	14.15
CPT-26D	17-Mar-08	3140	7.9	203.6	6.96	10.56
CPT-26S	19-Mar-07	2134	1.55	126.3	7.03	13.37
CPT-26S	21-Jun-07	2630	4.23	220.5	7	17.32
CPT-26S	28-Aug-07	2068	1.84	174.1	7.33	14.02
CPT-26S	27-Sep-07	2461	1.82	79.3	7.07	20.22
CPT-26S	8-Nov-07	2545	0.97	181.3	6.93	14.41
CPT-26S	17-Mar-08	2813	9.42	200.5	7.14	10.55
CPT-27S	20-Mar-07	3343	1.77	383.4	7.08	15.68
CPT-27S	26-Sep-07	3280	3.65	183.7	7.25	16.39
CPT-27S	6-Nov-07	2743	9.36	262.9	7.12	10.66
CPT-27S	17-Mar-08	2958	3.18	178.3	6.99	8.23
CPT-28S	19-Mar-07	2672	6.06	324.6	7.4	19.42
CPT-28S	27-Jun-07	2711	135	171	7.17	18.72
CPT-28S	29-Aug-07	2552	7.89	-150.8	7.12	16.18
CPT-29D	23-Mar-07	2412	2.14	378.8	7.06	12.42
CPT-29D	22-Jun-07	5052	8.61	92	7.23	25.58
CPT-29D	29-Aug-07	2312	3.67	-16.3	7.08	14.25
CPT-29D	27-Sep-07	2144	1.57	134.2	7.04	18.35
CPT-29D	7-Nov-07	2096	1.31	358.7	7.39	14.58
CPT-29D	18-Mar-08	1697	8.87	-35.2	7.2	10.98
CPT-29S	23-Mar-07	2994	7.98	382.1	7.37	12.2
CPT-29S	22-Jun-07	6186	1.33	97.2	6.91	19.91
CPT-29S	29-Aug-07	2797	2.35	-13.8	7.01	14.09
CPT-29S	27-Sep-07	2483	1.58	137.3	6.92	17.53
CPT-29S	7-Nov-07	2130	1.79	414.7	7.38	14.36
CPT-29S	18-Mar-08	1728	2.29	-8.7	6.71	10.36
CPT-30S	23-Mar-07	2801	1.16	63.3	7.02	15.35
CPT-30S	19-Jun-07	3105	1.17	179.7	6.83	17.84
CPT-30S	29-Aug-07	3241	3.77	149.8	7.05	18.74
CPT-30S	27-Sep-07	2761	7.66	98.8	7.48	16.75
CPT-30S	8-Nov-07	3002	1.22	123	6.95	14.52
CPT-30S	19-Mar-08	2540	0.91	104.1	6.99	15.01
CPT-31S	19-Jun-07	1694	1.31	158.3	7.31	18.22
CPT-31S	29-Aug-07	1812	2.42	30.9	NR	15.73
CPT-31S	27-Sep-07	1644	3.95	92.1	7.55	21.06
CPT-31S	8-Nov-07	1642	1.58	105.5	7.22	13.5
CPT-31S	19-Mar-08	1528	0.92	346.8	7.35	13.33

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		$\mu\text{S/cm}$	mg/L	mV	pH units	$^{\circ}\text{C}$
CPT-32S	13-Mar-07	2439	3.31	328.6	7.11	12.4
CPT-32S	27-Jun-07	1855	NR	207.4	7.31	14.48
CPT-32S	28-Aug-07	1863	3.75	174.8	7.85	14.51
CPT-32S	19-Mar-08	1856	2.01	354.5	7.47	12.16
CPT-33S	22-Mar-07	784	1.43	-193.2	7.38	13.51
CPT-33S	19-Jun-07	999	2	110.1	7.52	14.96
CPT-33S	28-Aug-07	819	2.77	145.3	7.84	16.59
CPT-34S	20-Mar-07	3632	2.47	392.6	7.04	14.43
CPT-34S	19-Jun-07	33.96	2.18	226.5	7.13	17.86
CPT-34S	26-Sep-07	3308	2.61	208.2	7.35	13.51
CPT-34S	6-Nov-07	2963	9.05	234.8	6.99	14.66
CPT-34S	17-Mar-08	2446	8.29	229.4	7.03	12.08
CPT-35D	21-Mar-07	2382	13.74	365.4	7.3	20.06
CPT-35D	22-Jun-07	4444	1.48	88.3	7.2	18
CPT-35D	28-Aug-07	1777	3.92	125.3	7.24	16.86
CPT-35D	26-Sep-07	1825	1.89	80.8	7.26	18.19
CPT-35D	8-Nov-07	1936	0.96	181.4	7.05	13.43
CPT-35D	18-Mar-08	2082	1.36	13.9	7.03	12.06
CPT-35S	21-Mar-07	1784	7.42	345.6	6.88	16.63
CPT-35S	22-Jun-07	3996	1.42	6.1	6.9	16.13
CPT-35S	28-Aug-07	1778	3.68	-31.1	6.99	17.45
CPT-35S	26-Sep-07	1528	3.66	141.7	7.03	18.82
CPT-35S	8-Nov-07	1629	1.61	189	6.69	13.37
CPT-35S	18-Mar-08	1954	1.97	-2.4	6.96	12.84
CPT-36S	23-Mar-07	2389	5.19	345.9	7.43	16.1
CPT-36S	19-Jun-07	2335	1.03	162.9	7.14	21.31
CPT-36S	30-Aug-07	2300	7.98	105	7.72	18.63
CPT-36S	27-Sep-07	2078	7.44	121.3	7.48	17.66
CPT-36S	8-Nov-07	2348	1.74	-41.1	7.18	14.12
CPT-36S	19-Mar-08	2198	1.09	73.8	7.01	10.62
CPT-37S	12-Mar-07	2864	1.99	243.3	7.11	15.07
CPT-37S	6-Nov-07	2.516	9.37	229.2	7.04	12.22
CPT-38S	12-Mar-07	3242	1.77	252.8	7.14	15.42
CPT-38S	26-Sep-07	3615	2.69	172.5	7.39	17.3
CPT-38S	7-Nov-07	2973	2	87.5	7.12	16.93
CPT-41D	19-Mar-07	2172	1.99	119	7.13	13.62
CPT-41D	22-Jun-07	2611	1.24	215.7	6.94	17.42
CPT-41D	29-Aug-07	2427	3.43	-23.9	7.2	14.35
CPT-41D	26-Sep-07	2416	1.98	181.1	7.16	19.05
CPT-41D	7-Nov-07	2301	1.24	424.3	7.34	16.45
CPT-41D	18-Mar-08	2623	8.04	91	7.25	12.43
CPT-41S	19-Mar-07	3073	1.63	118.2	7.04	14.57
CPT-41S	22-Jun-07	3560	7.69	213.9	7.31	15.19
CPT-41S	29-Aug-07	3451	2.27	-14.8	7.02	15.13
CPT-41S	26-Sep-07	3219	1.85	161.7	7.08	18.29
CPT-41S	7-Nov-07	3252	1.45	460.5	7.45	15.78
CPT-41S	18-Mar-08	3891	3.02	62.1	7.2	13.18

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
CPT-43S	23-Mar-07	3671	2.76	349.6	7.47	12.72
CPT-43S	21-Jun-07	3584	1.99	89.5	7.26	20.38
CPT-43S	30-Aug-07	3757	1.3	123.2	7.21	15.61
CPT-43S	27-Sep-07	3047	2.07	150.9	7.22	16.12
CPT-43S	8-Nov-07	3668	1.4	95.2	7.14	14.04
CPT-43S	19-Mar-08	3118	1.02	98.7	7.04	13.05
CPT-44S	29-Aug-07	3540	2.64	143.1	7.35	22.77
CPT-44S	30-Aug-07	3805	2.59	94.7	7.27	15.93
CPT-44S	27-Sep-07	3168	4.34	133.1	7.19	15.74
CPT-44S	7-Nov-07	4061	4.47	120.3	7.47	16.18
CPT-44S	8-Nov-07	3858	2.98	111.2	7.11	14.65
CPT-44S	19-Mar-08	3644	5.4	151.6	6.85	11.23
CPT-45D	21-Mar-07	2422	7.15	360	7.12	16.1
CPT-45D	22-Jun-07	5752	2.26	-91	7.16	20.42
CPT-45D	27-Aug-07	2572	6.03	-47.6	7.58	23.87
CPT-45D	27-Sep-07	2071	2.31	85.7	7.08	13.64
CPT-45D	7-Nov-07	2234	0.99	-129.2	7.38	15.13
CPT-45D	18-Mar-08	2645	4.25	-64.6	7.01	8.93
CPT-45S	21-Mar-07	4207	13.75	361.4	6.9	13.18
CPT-45S	22-Jun-07	9121	1.53	97.5	7.03	18.23
CPT-45S	27-Aug-07	4465	4.83	-32.8	7.25	20.8
CPT-45S	27-Sep-07	3204	2.65	55.4	6.95	12.5
CPT-45S	7-Nov-07	3531	1.62	135.7	7.32	14.18
CPT-45S	18-Mar-08	4065	1.71	218.7	6.87	11.1
CPT-46D	23-Mar-07	2472	2.08	355.3	7.46	12.41
CPT-46D	21-Jun-07	2249	1.41	110.8	7.15	20.89
CPT-46D	28-Aug-07	1755	1.26	145.3	7.28	13.46
CPT-46D	27-Sep-07	1900	1.46	103.3	7.13	16.62
CPT-46D	7-Nov-07	1758	1.28	12.9	7.46	12.89
CPT-46D	19-Mar-08	1930	0.94	89.2	7.08	12.89
CPT-46S	21-Jun-07	3797	1.3	-167.1	6.82	16.65
CPT-46S	28-Aug-07	2986	2.18	131.6	7.22	14.05
CPT-46S	30-Aug-07	3893	1.21	164.2	6.94	13.09
CPT-46S	27-Sep-07	3035	1.37	14.2	6.95	15.39
CPT-46S	7-Nov-07	2891	1.85	28.3	7.28	12.02
CPT-46S	19-Mar-08	3341	1.26	98.6	6.94	12.31
CPT-47S	12-Mar-07	2080	3.07	260.3	7.23	15.92
CPT-47S	26-Sep-07	2286	1.74	147.5	7.39	17.29
CPT-47S	7-Nov-07	1954	1.62	12.2	7.27	17.39
CPT-48S	20-Mar-07	4282	4.34	122.2	6.94	16.39
CPT-48S	26-Jun-07	4662	3.71	225.6	6.77	18.37
CPT-48S	29-Aug-07	3874	5.44	203.5	6.86	16.08
CPT-49S	20-Mar-07	1634	2.29	60.4	7.2	15.1
CPT-49S	26-Jun-07	1851	0.97	220.5	7.12	17.07
CPT-49S	29-Aug-07	1955	5.29	115.7	7.36	15.83
CPT-49S	25-Sep-07	1525	3.06	133.9	7.13	14.35
CPT-49S	6-Nov-07	1670	9.01	224.9	7.19	13.67
CPT-49S	18-Mar-08	1575	2.4	269.9	7.18	11.57



**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
CPT-50S	20-Mar-07	4350	2.12	361.6	7.13	17.79
CPT-50S	19-Jun-07	4330	1.25	220.4	7.17	18.64
CPT-50S	29-Aug-07	4292	1.67	28.9	7.17	17.35
CPT-50S	25-Sep-07	4172	5.75	188.5	7.25	15.92
CPT-50S	7-Nov-07	3693	2.43	-6.1	7.19	17.01
CPT-50S	17-Mar-08	2939	1.16	130.5	6.92	13.43
CPT-51S	22-Mar-07	2710	2.56	367.5	7.11	15.27
CPT-52S	22-Mar-07	2762	5.94	96.9	7.18	18.01
CPT-52S	21-Jun-07	3190	4.67	166.1	7.04	19.21
CPT-52S	27-Aug-07	2635	3.45	110.3	6.86	18.3
CPT-52S	8-Nov-07	2779	4.22	176.2	6.89	16.77
CPT-53S	20-Mar-07	2270	9.84	68.1	7.49	16.32
CPT-53S	26-Jun-07	2532	NR	73.5	7.12	15.26
CPT-53S	29-Aug-07	2195	1.57	185.3	7.06	18.09
CPT-53S	25-Sep-07	2078	2.39	-60.6	7.16	16.73
CPT-53S	7-Nov-07	2219	1.8	-64.7	7.09	12.92
CPT-53S	18-Mar-08	2569	2.5	378.9	7.16	12.08
CPT-54S	23-Mar-07	3117	1.51	51.1	7.05	14.03
CPT-54S	22-Jun-07	3613	1.23	203.3	7.03	18.62
CPT-54S	30-Aug-07	3635	7.91	20.2	7.35	15.8
CPT-54S	27-Sep-07	3203	3.73	101.1	7.06	16.73
CPT-54S	7-Nov-07	3723	1.39	166.2	7.35	13.51
CPT-54S	19-Mar-08	3661	1.16	148.1	7.05	12.65
CPT-55S	22-Mar-07	2849	5.1	346.8	7.24	12.88
CPT-55S	18-Jun-07	2379	8.01	172.5	7.19	18.65
CPT-55S	29-Aug-07	1408	8.66	137.6	7.46	17.68
CPT-56S	22-Mar-07	2320	3.21	337.8	7.18	17.81
CPT-56S	22-Jun-07	1987	NR	141.1	7.28	17.29
CPT-56S	28-Aug-07	2104	3.26	206.5	7.07	19.76
CPT-57R	21-Mar-07	3214	9.12	70.9	7.65	13.07
CPT-57R	21-Jun-07	4019	1.3	133.2	6.94	15.2
CPT-57R	29-Aug-07	3722	0.88	-20.1	7.14	14.88
CPT-57R	27-Sep-07	3281	1.89	142.7	6.99	17.08
CPT-57R	7-Nov-07	4029	7.72	116.4	7.94	12.7
CPT-57R	18-Mar-08	4087	2.68	422	7	12.76
CPT-57S	21-Mar-07	3652	7.92	55.1	7.92	14.82
CPT-57S	21-Jun-07	4609	3.27	125.5	7.15	22.74
CPT-57S	27-Jun-07	4620	1.73	225.6	6.97	15.36
CPT-57S	29-Aug-07	4335	1.35	-13.4	7	16.37
CPT-58S	20-Mar-07	2731	8.14	66.4	7.32	16.76
CPT-58S	26-Jun-07	2919	1.38	233.2	6.97	15.1
CPT-58S	29-Aug-07	2954	2.04	96.6	7.08	17.64
CPT-58S	25-Sep-07	2131	3.49	99.7	6.98	11.9
CPT-58S	7-Nov-07	3011	1.85	114.7	7.48	15.97
CPT-58S	18-Mar-08	1897	3.12	401.2	7.14	12.49
CPT-59S	22-Mar-07	1381	3.56	156.3	7.27	12.42
CPT-59S	20-Jun-07	1691	5.02	140	7.27	16.37
CPT-59S	28-Aug-07	1431	10.71	181	7.7	16.94

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
CPT-60S	22-Mar-07	2829	NR	71.2	7.05	15.67
CPT-60S	20-Jun-07	3151	1.52	49.3	7.08	17.36
CPT-60S	29-Aug-07	2825	1.84	201.5	7.24	15.68
CPT-60S	27-Sep-07	2744	NR	67.2	7.07	16.63
CPT-60S	6-Nov-07	2755	3.15	149.5	6.95	11.83
CPT-60S	19-Mar-08	3073	1.75	137.1	6.98	12.57
CPT-61S	21-Mar-07	3179	2.97	222.9	7.04	16
CPT-61S	19-Jun-07	4086	1.14	178.3	6.84	18.03
CPT-61S	29-Aug-07	5002	1.63	141	6.82	23.33
CPT-62S	21-Mar-07	2991	1.76	210.1	7.77	15.39
CPT-62S	26-Jun-07	3682	10.12	229.6	7.05	17.89
CPT-62S	27-Aug-07	2943	2.4	-20.3	7.01	14.18
CPT-62S	27-Sep-07	3751	1.61	129.9	7.09	17.62
CPT-62S	6-Nov-07	3202	2.48	173.4	7.03	11.37
CPT-62S	19-Mar-08	3807	1.52	141.5	7.03	13.5
CPT-63S	19-Mar-07	2507	1.9	110.5	7.22	14.53
CPT-63S	19-Jun-07	2386	1.49	191.5	7.02	15.95
CPT-63S	29-Aug-07	2147	8.61	117.7	7.51	16.76
CPT-63S	25-Sep-07	2124	8.62	184	7.47	16.89
CPT-63S	6-Nov-07	1893	7.97	173.8	7.09	14.23
CPT-63S	18-Mar-08	2507	1.51	167.8	7.05	13.56
CPT-64S	22-Mar-07	3598	2.31	309.5	6.99	15.58
CPT-64S	22-Jun-07	3097	2.3	161.4	7.22	15.91
CPT-64S	29-Aug-07	3402	8.99	107.2	7.43	19.11
CPT-64S	25-Sep-07	3254	5.57	198.4	7.13	15.5
CPT-64S	7-Nov-07	2429	3.36	58.3	7.03	16.64
CPT-65S	23-Mar-07	3239	7.5	67.4	7.35	12.58
CPT-65S	22-Jun-07	3577	3.68	134.7	7.29	14.93
CPT-65S	28-Aug-07	3488	11.25	91.6	7.38	16.76
CPT-65S	27-Sep-07	4432	1.88	195.6	7.15	16.19
CPT-65S	6-Nov-07	3713	1.72	143.8	7.13	14.44
CPT-66S	20-Mar-07	2260	9.17	6.6	7.51	17.14
CPT-66S	22-Jun-07	2238	4.79	150.8	7.24	16.98
CPT-66S	28-Aug-07	2276	8.55	143.8	7.97	21.66
CPT-67S	22-Mar-07	1638	4.12	301.7	7.29	16.72
CPT-67S	18-Jun-07	1641	2.25	263.6	7.19	20.92
CPT-67S	29-Aug-07	1485	4.28	118.3	7.34	18.69
CPT-68S	23-Mar-07	2085	8.49	96.4	7.29	14.8
CPT-69S	22-Mar-07	1599	NR	30.4	7.54	16.89
CPT-69S	22-Jun-07	4430	4.24	150.4	7.32	16.97
CPT-69S	29-Aug-07	1538	4.96	158.3	7.21	17.7
CPT-70S	22-Mar-07	1984	1.98	159.7	7.08	14.31
CPT-70S	18-Jun-07	2278	1.18	223.3	7.02	19.39
CPT-70S	29-Aug-07	2206	1.41	133.5	7.08	17.11
CPT-71S	12-Mar-07	3013	1.87	299.7	7.16	16.58
CPT-71S	26-Sep-07	3023	2.03	204.5	7.26	20.25
CPT-71S	7-Nov-07	2661	1.73	146.5	7.07	16.19

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
CPT-72S	22-Mar-07	2342	1.27	-11.7	7.46	12.81
CPT-72S	20-Jun-07	2818	1.6	71.6	7.13	14.83
CPT-72S	28-Aug-07	2405	1.42	181.7	7.31	14.77
CPT-74S	20-Mar-07	4335	3.35	418.8	6.71	12.9
CPT-74S	18-Jun-07	4227	3.92	233.6	6.72	17.34
CPT-74S	29-Aug-07	4188	1.63	111.9	6.76	15.87
CPT-74S	25-Sep-07	4135	4.94	196.6	6.82	15.23
CPT-74S	7-Nov-07	3724	1.81	142.7	6.78	15.87
CPT-84S	20-Mar-07	3518	10.45	94.6	7.49	12.15
CPT-84S	20-Jun-07	4098	1.28	-88.3	7.08	18.08
CPT-84S	29-Aug-07	3204	1.62	195.2	7.12	15.9
CPT-84S	27-Sep-07	3929	1.74	197.7	7.25	16.55
CPT-84S	6-Nov-07	3429	2	159	7.06	13.18
CPT-84S	17-Mar-08	4061	4.5	31.5	6.89	8.62
CPT-85S	23-Mar-07	3247	6.41	86.2	7.15	15.88
CPT-85S	22-Jun-07	3278	2.5	153.2	7.18	14.83
CPT-85S	29-Aug-07	3230	1.73	143.7	7.05	14.68
CPT-85S	27-Sep-07	3909	1.92	37.9	7.15	16.2
CPT-85S	6-Nov-07	3267	2.4	140	7.12	11.54
CPT-85S	17-Mar-08	3496	4.01	394	6.82	9.75
CPT-86S	20-Mar-07	3326	8.64	76.6	7.53	15.01
CPT-86S	20-Jun-07	3665	1.14	104.3	7.05	18.82
CPT-86S	29-Aug-07	3022	1.77	150.6	7.21	15.49
CPT-86S	27-Sep-07	3641	1.99	181	7.21	15.44
CPT-86S	6-Nov-07	3146	1.78	143.4	7.06	12.15
CPT-86S	17-Mar-08	3696	3.64	277.3	6.97	9.82
CPT-87S	22-Mar-07	2889	2.11	60.5	NR	15.19
CPT-87S	26-Jun-07	3281	1.18	234.6	6.94	13.48
CPT-87S	29-Aug-07	3388	2.46	133.1	7.04	14.72
CPT-88S	21-Mar-07	754	NR	82.1	7.73	14.63
CPT-88S	21-Jun-07	809	2.65	103.1	7.59	19.01
CPT-88S	28-Aug-07	909	4.57	-7.7	7.58	16.98
CPT-88S	18-Mar-08	934	2.24	-23.7	7.47	12.56
CPT-89S	22-Mar-07	2869	6.94	37.7	7.25	17.49
CPT-89S	21-Jun-07	3209	1.73	133.5	7.08	18.78
CPT-89S	30-Aug-07	3135	9.92	147.4	7.58	16.63
CPT-89S	27-Sep-07	2840	7.56	107.6	7.58	18.77
CPT-89S	8-Nov-07	3100	1.82	111	6.9	11.92
CPT-89S	19-Mar-08	3149	2.26	145.4	7.05	12
CPT-90S	22-Mar-07	879	3.99	63.7	7.7	16.88
CPT-90S	21-Jun-07	939	2.44	87.4	7.8	18.59
CPT-90S	28-Aug-07	NR	2.04	169.9	7.96	14.92
CPT-90S	8-Nov-07	746	1.38	170.5	7.45	15.02
CPT-91S	21-Mar-07	3882	1.71	168.3	7.13	14.8
CPT-91S	21-Jun-07	4141	1.05	-200.7	7.11	18.2
CPT-91S	29-Aug-07	3552	0.95	-11.5	6.96	13.82
CPT-91S	27-Sep-07	3780	7.66	106.5	7.64	18.91
CPT-91S	7-Nov-07	4138	7.77	61.8	8.05	14.37

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		µS/cm	mg/L	mV	pH units	°C
H100	12-Mar-07	3441	3.24	214.1	7.12	11.92
H100	23-Mar-07	2864	1.38	96.3	7.19	12.32
H100	21-Jun-07	27.88	1.89	174.2	7.03	12.9
H100	19-Jul-07	3743	6.82	188.7	6.85	14.55
H100	27-Aug-07	3017	3.57	219.6	6.94	14.64
H100	25-Sep-07	3458	5	197.05	7.49	14.29
H100	7-Nov-07	3569	2.35	116.9	7.52	14.36
H100	18-Mar-08	3510	4.7	457.7	7.03	11.98
H101	23-Mar-07	2635	1.59	176.8	6.73	11.74
H101	21-Jun-07	3179	3	183	7.25	15.01
H101	19-Jul-07	3181	3.37	156	6.85	14.18
H101	27-Aug-07	2597	3.13	203.3	6.88	14.63
H101	25-Sep-07	3232	3.28	124.6	7.07	15.27
H101	7-Nov-07	3418	2.01	148.3	7.14	13.75
H101	19-Mar-08	3506	3.09	194	6.96	10
H102	19-Jul-07	2030	3.08	161.2	6.98	14.38
H26	18-Jul-07	2188	2.53	153.1	7.19	15.74
H29/30	18-Jul-07	1854	2.33	205.2	6.94	20.98
H31	18-Jul-07	1872	1.87	175	7.04	16.95
H34	23-Mar-07	1929	1.86	116	6.98	11.97
H34	19-Jun-07	2430	2.84	71	7.15	14.35
H34	18-Jul-07	1985	2.3	97.1	7.09	15.02
H34	27-Aug-07	2167	2.33	258.1	6.74	14.97
H38 (QW)	19-Mar-07	448	3.03	68.9	7.8	10.03
H48	18-Jul-07	2709	1.34	111.3	7.11	15.12
H52/57	19-Mar-07	2740	1.89	129.7	6.98	11.87
H52/57	19-Jun-07	2761	2.29	-191.9	7.09	14.82
H52/57	18-Jul-07	2203	4.17	140.1	7.09	17.4
H52/57	27-Aug-07	2488	3.94	200.2	6.88	18.34
H59	18-Jul-07	2143	7.64	130.9	7.14	14.87
H59W	18-Jul-07	3091	2.21	126.7	7.21	14.67
H59W	27-Sep-07	3962	2.11	150	7.07	14.02
H61	19-Mar-07	2617	4.22	204.9	7.12	14.07
H61	19-Jun-07	2565	6.63	78.8	7.09	14.65
H61	18-Jul-07	2097	5.78	135.1	7.19	15.34
H61	27-Aug-07	2162	9.32	208.6	6.98	15.59
H62/63	19-Mar-07	2959	2.91	99.3	6.95	12.83
H62/63	19-Jun-07	2973	2.84	71.7	7.06	16.2
H62/63	27-Aug-07	2486	3.33	214.2	6.87	15.96
H62/63	27-Sep-07	2958	2.87	162.2	7.15	15.75
H62/63	7-Nov-07	2971	2.17	148.3	7.38	14.45
H62/63	18-Mar-08	2988	4.44	464	6.95	12.42
H64/65	19-Mar-07	2792	1.5	99.3	6.94	11.99
H64/65	21-Jun-07	23.59	1.06	140.3	7.04	15.39
H64/65	19-Jul-07	2950	1.46	167.4	6.95	17.43
H64/65	28-Aug-07	2615	1.69	272.3	6.93	18.61
H64/65	7-Nov-07	2885	3.03	129.8	7.38	15.34
H64/65	18-Mar-08	2866	8.21	453	7.03	7.8

**Table 3-3**  
**Water Quality Field Parameter Results for Groundwater Samples**

Location	Collection Date	Conductivity	Dissolved Oxygen	ORP	pH	Temperature
		$\mu\text{S/cm}$	mg/L	mV	pH units	$^{\circ}\text{C}$
H66	19-Mar-07	3255	2.37	76	7.23	13.01
H66	21-Jun-07	2593	1.86	109.1	7.07	14.58
H66	19-Jul-07	3310	2.66	166	6.89	14.96
H66	27-Aug-07	2561	5.15	232.5	7	14.25
H66	27-Sep-07	3168	2.62	159.1	7.16	14.49
H66	7-Nov-07	3009	4.52	134	7.37	13.98
H66	18-Mar-08	3126	5.4	415.9	7.09	12.68
H67	23-Mar-07	2977	2.67	132	7.16	11.86
H67	21-Jun-07	3024	2.32	132.1	7	15.1
H67	18-Jul-07	3562	2.21	199.1	7.04	15.41
H67	28-Aug-07	3156	1.97	226.3	6.93	15.2
H69	18-Jul-07	2476	3.2	130.1	7.11	15.4
H74/75	18-Jul-07	1298	1.11	127.1	7.19	15.4
H76	18-Jul-07	1323	1.39	137.8	7.26	15.99
H90/91	18-Jul-07	2159	3.45	81.3	7.16	15.09
H98	23-Mar-07	2906	1.4	119.4	6.91	13.08
H98	21-Jun-07	5067	1.44	155	7.09	14.56
H98	19-Jul-07	3792	1.77	204.5	6.86	16.56
H98	27-Aug-07	2896	3.22	212	6.84	13.75
H98	27-Sep-07	3621	1.94	156.4	7.16	14.01
H98	7-Nov-07	3637	2.71	92.7	7.23	13.2
H98	18-Mar-08	3840	3.88	420.1	7.05	11.67
I32	12-Mar-07	2996	1.33	10.9	7.16	12.3
L59	23-Mar-07	2220	7.52	90.7	7.55	13.39
L59	21-Jun-07	2739	8.56	131.6	7.25	14.01
L59	27-Aug-07	2309	10.33	211	7	14.02
L59	27-Sep-07	2910	2.82	156.7	7.28	14.6
L59	7-Nov-07	2806	1.54	102.8	7.27	13.91
WMSWP	18-Apr-07	891	4.04	-53.6	7.55	12.22

$^{\circ}\text{C}$  = degrees Celsius

$\mu\text{S/cm}$  = microsiemens per centimeter

mV = millivolts

NR = Not recorded; value either inadvertently forgotten or probe malfunctioned.

ORP = oxidation/reduction potential

QW = Morgan County Quality Water

WMSWP = Wind Mill Southwest of Plant

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-01S	20-Mar-07	0.00047	0.0013	0.000032 J	0.0032	0.000065	0.0002	0.00015
CPT-01S	20-Jun-07	0.000061	0.0012	<0.00005	0.0016	<0.00005	0.000024 J	<0.00005
CPT-01S	28-Aug-07	0.000052	0.0011	<0.00005	0.0021	<0.00005	0.000015 J	<0.00005
CPT-02S	20-Mar-07	0.00095	0.0018	0.000061	0.0065	0.00011	0.00043	0.00024
CPT-02S	22-Jun-07	0.00022	0.00035	<0.00005	0.0035	<0.00005	0.00002 J	<0.00005
CPT-02S	28-Aug-07	0.00005	0.00002 J	<0.00005	0.00032	<0.00005	0.000019 J	<0.00005
CPT-03S	22-Mar-07	0.00016	0.00033	0.00002 J	0.00084	0.000026 J	0.000078	0.000016 J
CPT-03S	21-Jun-07	0.00091	0.000081	<0.00005	0.0044	0.000026 J	0.00017	<0.00005
CPT-03S	27-Aug-07	0.00008	0.000021 J	0.000043 J	0.00086	0.000078	0.000044 J	0.000041 J
CPT-04S	21-Mar-07	0.00039	0.0007	0.000022 J	0.0022	0.000056	0.00017	0.000061
CPT-04S	18-Jun-07	0.000039	0.00042	<0.00005	0.00067	<0.00005	0.000019 J	<0.00005
CPT-04S	30-Aug-07	0.000049	0.00058	<0.00005	0.00093	<0.00005	0.000013 J	<0.00005
CPT-05S	22-Mar-07	0.68	0.00035	0.027	<b>5.7</b>	0.026	0.24	<0.00005
CPT-05S	19-Jun-07	0.056	0.000059	0.0021	0.35	0.0023	0.019	<0.00005
CPT-05S	28-Aug-07	0.0014	0.000007 J	0.000017 J	0.0074	0.000048 J	0.00054	<0.00005
CPT-05S	25-Sep-07	0.00055 J	0.000052 J	<0.00005	0.0036 J	<0.00005	0.0001 J	<0.00005
CPT-05S	06-Nov-07	0.000069	<0.000025	<0.00005	<0.0018	<0.00005	<0.00005	<0.00005
CPT-05S	18-Mar-08	0.00013	0.000015 J	0.000015 J	0.002	0.000036 J	0.000042 J	0.000009 J
CPT-06S	21-Mar-07	0.13	0.000046	0.0058	0.75	0.0055	0.036	<0.00005
CPT-06S	18-Jun-07	0.056	0.00025	0.0019	0.4	0.0019	0.018	<0.00005
CPT-06S	27-Aug-07	0.00021	0.000008 J	0.000017 J	0.0011	0.00003 J	0.000059	<0.00005
CPT-06S	18-Mar-08	0.0024 J	0.00002 J	0.000032 J	0.028 J	0.000032 J	0.00055 J	<0.00005
CPT-07S	22-Mar-07	0.0017	0.0058	<0.00005	0.0092	<0.00005	0.00049	<0.00005
CPT-07S	20-Jun-07	0.000004 J	0.000098	<0.00005	0.000043 J	<0.00005	<0.00005	<0.00005
CPT-07S	27-Aug-07	0.000055	0.000015 J	0.000018 J	0.00072	0.000037 J	0.000029 J	0.000017 J
CPT-08S	21-Mar-07	0.00025	0.00016	<0.00005	0.0015	<0.00005	0.000065	<0.00005
CPT-08S	20-Jun-07	0.000025 J	0.00083	<0.00005	0.0015	<0.00005	<0.00005	<0.00005
CPT-08S	28-Aug-07	0.000084	0.00003	<0.00005	0.00092	<0.00005	0.000034 J	<0.00005
CPT-09S	21-Mar-07	3.4	<0.000025	0.078	<b>23</b>	0.11	0.77	<0.00005
CPT-09S	18-Jun-07	1.4	0.00016	0.025	<b>6.3</b>	0.027	0.23	<0.00005
CPT-09S	28-Aug-07	0.033	0.000011 J	0.0013	0.24	0.0012	0.0094	<0.00005
CPT-09S	25-Sep-07	0.043 J	0.00012 J	0.0011 J	0.37 J	0.0013 J	0.011 J	0.000036 J
CPT-09S	06-Nov-07	0.088	0.00012	0.0019	0.55 J	0.0022	0.023	<0.00005
CPT-09S	18-Mar-08	0.58	0.000019 J	0.00022	<b>4.8</b>	0.0011	0.15	<0.00005

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-10S	21-Mar-07	0.00085	0.00096	0.000053	0.0047	0.00011	0.00036	0.00015
CPT-10S	19-Jun-07	0.00015	0.00044	<0.00005	0.0011	<0.00005	0.000017 J	<0.00005
CPT-10S	28-Aug-07	0.00023	0.000083	<0.00005	0.0013	<0.00005	0.000077	<0.00005
CPT-10S	18-Mar-08	0.000026	0.0011	<0.00005	0.0016	<0.00005	<0.00005	<0.00005
CPT-11S	21-Mar-07	1.7	0.000066	0.045	<b>12</b>	0.065	0.38	0.000047 J
CPT-11S	20-Jun-07	2.9	0.00017	0.041	<b>13</b>	0.06	0.61	<0.00005
CPT-11S	28-Aug-07	0.13	<0.000025	0.0023	0.55	0.0033	0.029	<0.00005
CPT-11S	25-Sep-07	1.9 J	0.000029 J	0.022 J	<b>7.8 J</b>	0.034 J	0.34 J	0.000064 J
CPT-11S	06-Nov-07	2.4	<0.000025	0.031	<b>11</b>	0.045	0.5	<0.00005
CPT-11S	18-Mar-08	1.4	<0.000025	0.01	<b>6</b>	0.015	0.18	<0.00005
CPT-12S	21-Mar-07	0.00049	0.0003	<0.00005	0.0024	<0.00005	0.00014	<0.00005
CPT-12S	18-Jun-07	0.0027	0.000017 J	0.00015	0.019	0.00012	0.00099	<0.00005
CPT-12S	28-Aug-07	0.000037	0.000026	<0.00005	0.00079	<0.00005	0.000033 J	<0.00005
CPT-12S	19-Mar-08	<0.000025	0.000014 J	<0.00005	0.00014	<0.00005	<0.00005	<0.00005
CPT-13S	13-Mar-07	0.000071	0.0001	<0.00005	0.00026	<0.00005	0.000036 J	0.00001 J
CPT-13S	27-Jun-07	0.00099	0.00036	<0.00005	0.0049	<0.00005	0.00013	<0.00005
CPT-13S	29-Aug-07	0.000065	0.00024	0.000088	0.0028	0.00011	0.00016	0.000041 J
CPT-14S	21-Mar-07	0.000019 J	0.000043	<0.00005	0.00028	<0.00005	0.000013 J	<0.00005
CPT-14S	20-Jun-07	0.000022 J	0.000061	<0.00005	0.0004	<0.00005	<0.00005	<0.00005
CPT-14S	27-Aug-07	0.000011 J	0.000023 J	<0.00005	0.00019	0.000026 J	0.000016 J	<0.00005
CPT-15S	22-Mar-07	0.0002	0.0012	0.000013 J	0.0025	0.000038 J	0.000073	0.000035 J
CPT-15S	19-Jun-07	0.00019	0.000045	<0.00005	0.00084	<0.00005	0.000037 J	<0.00005
CPT-15S	30-Aug-07	0.000055	0.0012	<0.00005	0.0019	<0.00005	0.000011 J	<0.00005
CPT-15S	19-Mar-08	0.000029	0.00019	<0.00005	0.00092	<0.00005	<0.00005	<0.00005
CPT-16S	13-Mar-07	0.000004 J	0.000053	<0.00005	0.00011	<0.00005	<0.00005	<0.00005
CPT-16S	27-Jun-07	0.0007	0.0011	<0.00005	0.0048	<0.00005	0.000079	<0.00005
CPT-16S	30-Aug-07	0.000028	0.00013	<0.00005	0.00027	<0.00005	0.000012 J	<0.00005
CPT-17S	13-Mar-07	0.00052	0.0017	0.000025 J	0.005	0.000047 J	0.00021	0.00016
CPT-17S	20-Jun-07	0.000007 J	0.00034	<0.00005	0.00054	<0.00005	<0.00005	<0.00005
CPT-17S	30-Aug-07	0.000061	0.0018	<0.00005	0.0029	<0.00005	0.000015 J	<0.00005
CPT-17S	17-Mar-08	0.00006	0.000048	<0.00005	0.001	<0.00005	<0.00005	<0.00005
CPT-18S	20-Mar-07	0.00017	0.0009	0.000019 J	0.0016	0.000034 J	0.000066	0.000058
CPT-18S	19-Jun-07	0.00016	0.00016	<0.00005	0.00093	<0.00005	0.000013 J	<0.00005
CPT-18S	17-Mar-08	0.000014 J	0.00001 J	<0.00005	0.00062	<0.00005	<0.00005	<0.00005
CPT-19S	20-Mar-07	0.00068	0.0017	0.000038 J	0.0049	0.000079	0.00026	0.00019



**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-20S	20-Mar-07	0.00013	0.00048	<0.00005	0.0012	0.000025 J	0.000068	0.000049 J
CPT-21S	13-Mar-07	0.000004 J	0.000028	<0.00005	0.000069 J	<0.00005	<0.00005	<0.00005
CPT-21S	27-Jun-07	0.0015	0.000013 J	0.000024 J	0.0068	0.000023 J	0.00019	<0.00005
CPT-22S	22-Mar-07	0.00052	0.0019	0.000024 J	0.0051	0.000034 J	0.0002	0.000099
CPT-22S	21-Jun-07	0.001	0.0008	<0.00005	0.0052	0.000034 J	0.00018	<0.00005
CPT-22S	28-Aug-07	0.000095	<0.000025	<0.00005	0.00024	<0.00005	0.000018 J	<0.00005
CPT-22S	19-Mar-08	0.00013	0.0057	<0.00005	0.0093	<0.00005	0.000022 J	0.00003 J
CPT-23S	19-Mar-07	0.00011	0.0003	<0.00005	0.00062	<0.00005	0.000054	0.000036 J
CPT-23S	19-Jun-07	0.0023	0.0029	<0.00005	0.012	<0.00005	0.000084	0.000046 J
CPT-23S	28-Aug-07	0.00013 J	0.0024 J	<0.00005	0.0036 J	0.000032 J	0.000029 J	0.000026 J
CPT-23S	27-Sep-07	0.000006 J	0.000012 J	<0.00005	0.00011	<0.00005	<0.00005	<0.00005
CPT-23S	08-Nov-07	0.00011	0.0009	<0.00005	0.0012	<0.00005	0.000013 J	<0.00005
CPT-24S	13-Mar-07	0.00013	0.0014	<0.00005	0.0026	<0.00005	0.000046 J	0.000037 J
CPT-24S	21-Jun-07	0.0013	0.00018	<0.00005	0.0053	<0.00005	0.00021	<0.00005
CPT-24S	29-Aug-07	0.0006	0.00001 J	<0.00005	0.0025	<0.00005	0.000046 J	<0.00005
CPT-24S	27-Sep-07	0.000018 J	0.0012	<0.00005	0.0019	<0.00005	<0.00005	0.000025 J
CPT-24S	06-Nov-07	0.00016	0.0015	0.000019 J	<0.0029	0.000048 J	<0.00005	0.00002 J
CPT-24S	17-Mar-08	0.00013	0.00018	<0.00005	0.0036	<0.00005	<0.00005	<0.00005
CPT-25S	12-Mar-07	0.00058	0.0012	0.000033 J	0.0032	0.000066	0.00024	0.00024
CPT-25S	27-Sep-07	0.000034	0.000061	<0.00005	0.0013	<0.00005	0.00001 J	<0.00005
CPT-25S	06-Nov-07	<0.000025	0.000086	<0.00005	<0.00055	<0.00005	<0.00005	<0.00005
CPT-26D	19-Mar-07	0.0003	0.0011	0.000016 J	0.0022	0.000038 J	0.00012	0.000094
CPT-26D	22-Jun-07	0.0002	0.00032	<0.00005	0.0054	<0.00005	0.000043 J	<0.00005
CPT-26D	28-Aug-07	0.000059	0.000036	<0.00005	0.00072	<0.00005	0.00002 J	<0.00005
CPT-26D	27-Sep-07	0.00013	0.00072	<0.00005	0.002	<0.00005	0.000022 J	<0.00005
CPT-26D	08-Nov-07	<0.000079	0.00097	<0.00005	0.0022	<0.00005	<0.00005	<0.00005
CPT-26D	17-Mar-08	0.00004	0.00024	<0.00005	0.0019	<0.00005	<0.00005	<0.00005
CPT-26S	19-Mar-07	0.00041	0.0022	0.000023 J	0.005	0.000037 J	0.00017	0.00013
CPT-26S	22-Jun-07	0.00027	0.0015	<0.00005	0.0054	<0.00005	0.00004 J	0.000021 J
CPT-26S	28-Aug-07	0.000027	0.00006	<0.00005	0.00051	<0.00005	<0.00005	<0.00005
CPT-26S	27-Sep-07	0.000026	0.00092	<0.00005	0.0016	<0.00005	<0.00005	<0.00005
CPT-26S	08-Nov-07	0.0004	0.0014	<0.00005	0.0038	<0.00005	0.000056	<0.00005
CPT-26S	17-Mar-08	0.00012	0.0017	0.000041 J	0.0048	0.000048 J	0.000025 J	0.000022 J



**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-27S	20-Mar-07	0.00045	0.0013	0.000031 J	0.0044	0.000057	0.00019	0.00012
CPT-27S	26-Sep-07	0.000082	0.0011	<0.00005	0.0014	<0.00005	0.000024 J	<0.00005
CPT-27S	06-Nov-07	<0.000026	0.00098	<0.00005	<0.0026	<0.00005	<0.00005	<0.00005
CPT-27S	17-Mar-08	0.000031	0.00093	0.00002 J	0.0022	<0.00005	0.00001 J	0.000018 J
CPT-28S	19-Mar-07	0.0003	0.00031	0.000018 J	0.0017	0.000031 J	0.0001	0.00004 J
CPT-28S	27-Jun-07	0.00053	0.001	<0.00005	0.0033	0.000022 J	0.000079	0.000044 J
CPT-28S	29-Aug-07	0.0022	0.00036	<0.00005	0.0089	<0.00005	0.00049	<0.00005
CPT-29D	23-Mar-07	0.0011	0.0029	0.000024 J	0.0087	0.000062	0.00034	0.00011
CPT-29D	22-Jun-07	0.000066	0.00047	<0.00005	0.0033	<0.00005	0.000015 J	<0.00005
CPT-29D	29-Aug-07	0.000063	0.000093	0.000046 J	0.0023	0.00005 J	0.000035 J	0.000021 J
CPT-29D	27-Sep-07	0.000028	0.00061	<0.00005	0.0016	<0.00005	0.000012 J	<0.00005
CPT-29D	07-Nov-07	0.00033	0.00073	<0.00005	0.0037	<0.00005	0.000036 J	<0.00005
CPT-29D	18-Mar-08	0.00014	0.00084	<0.00005	0.003	<0.00005	0.000023 J	<0.00005
CPT-29S	23-Mar-07	0.0016	0.0023	0.000035 J	0.012	0.000052	0.00043	0.000099
CPT-29S	22-Jun-07	0.00025	0.0032	<0.00005	0.0093	<0.00005	0.00008	0.000047 J
CPT-29S	29-Aug-07	0.0006	0.000047	<0.00005	0.0028	<0.00005	0.000066	<0.00005
CPT-29S	27-Sep-07	0.0005	0.00045	<0.00005	0.003	<0.00005	0.00011	<0.00005
CPT-29S	07-Nov-07	0.00046	0.000071	<0.00005	0.0035	<0.00005	0.000023 J	<0.00005
CPT-29S	18-Mar-08	0.000031	0.00057	<0.00005	0.0016	<0.00005	<0.00005	<0.00005
CPT-30S	23-Mar-07	0.0027	0.0024	0.000076	0.018	0.00014	0.00069	0.00017
CPT-30S	19-Jun-07	0.0041	0.002	0.000068	0.017	<0.00005	0.00047	<0.00005
CPT-30S	29-Aug-07	0.0057	0.000052	<0.00005	0.021	<0.00005	0.00026	<0.00005
CPT-30S	27-Sep-07	0.0002	0.001	<0.00005	0.0036	<0.00005	0.000042 J	<0.00005
CPT-30S	08-Nov-07	0.00011	0.00018	0.000022 J	0.002	0.000049 J	0.000034 J	0.000018 J
CPT-30S	19-Mar-08	0.00049	0.00015	<0.00005	0.0037	<0.00005	0.000055	<0.00005
CPT-31S	21-Mar-07	0.00029	0.001	<0.00005	0.0023	<0.00005	0.000089	0.000041 J
CPT-31S	19-Jun-07	0.00004	0.00046	<0.00005	0.0015	<0.00005	0.000018 J	<0.00005
CPT-31S	29-Aug-07	0.0014	0.000024 J	0.00003 J	0.0054	0.000072	0.00028	<0.00005
CPT-31S	27-Sep-07	0.000006 J	0.000098	<0.00005	0.0002	<0.00005	<0.00005	<0.00005
CPT-31S	08-Nov-07	<0.000025	0.00026	<0.00005	<0.00049	<0.00005	<0.00005	<0.00005
CPT-31S	19-Mar-08	0.00025 J	0.000053 J	<0.00005	0.0023 J	<0.00005	<0.00005	<0.00005
CPT-32S	13-Mar-07	0.00062	0.0027	0.000047 J	0.0091	0.000063	0.00025	0.00011
CPT-32S	27-Jun-07	0.00064	0.00085	<0.00005	0.0042	<0.00005	0.000077	<0.00005
CPT-32S	28-Aug-07	0.000072	0.0021	<0.00005	0.0037	<0.00005	0.000021 J	<0.00005
CPT-32S	19-Mar-08	0.000064	0.002	<0.00005	0.0037	0.000015 J	0.000043 J	0.000014 J

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-33S	22-Mar-07	0.00023	0.00047	<0.00005	0.0011	0.000031 J	0.000099	0.000072
CPT-33S	19-Jun-07	0.00011	0.00012	<0.00005	0.00054	<0.00005	<0.00005	<0.00005
CPT-33S	28-Aug-07	0.00005	0.00036	<0.00005	0.0012	0.000017 J	0.000018 J	<0.00005
CPT-34S	20-Mar-07	0.00065	0.0018	0.000022 J	0.0052	0.000073	0.00027	0.00018
CPT-34S	19-Jun-07	0.00022	0.0003	<0.00005	0.0011	<0.00005	0.000034 J	<0.00005
CPT-34S	26-Sep-07	0.00015	0.00083	<0.00005	0.0021	<0.00005	0.000031	<0.00005
CPT-34S	06-Nov-07	<0.000025	0.00074	<0.00005	<0.0013	<0.00005	<0.00005	<0.00005
CPT-34S	17-Mar-08	0.000052	0.0023	<0.00005	0.0032	<0.00005	<0.00005	<0.00005
CPT-35D	21-Mar-07	0.41	0.0028	0.0078	<b>2.5</b>	0.0098	0.088	0.00072
CPT-35D	22-Jun-07	0.15	0.00037	0.000021 J	1.2	0.000032 J	0.0075	0.00012
CPT-35D	28-Aug-07	0.31	0.0034	0.000036 J	1.7	0.00012	0.0068	0.00011
CPT-35D	26-Sep-07	0.17	0.0019	<0.00005	1	0.000038 J	0.0015	0.000046 J
CPT-35D	08-Nov-07	0.26	0.00014	0.000015 J	1.6	0.000034 J	0.0011	0.000018 J
CPT-35D	18-Mar-08	0.34	0.0018	0.000037 J	<b>2.2</b>	0.00011	0.0018	<0.00005
CPT-35S	21-Mar-07	0.0011	0.0033	0.00004 J	0.011	0.000082	0.00044	0.00021
CPT-35S	22-Jun-07	0.001	0.0027	0.000018 J	0.026	0.000038 J	0.000099	0.000064
CPT-35S	28-Aug-07	0.00078	0.00011	<0.00005	0.0045	<0.00005	0.000018 J	<0.00005
CPT-35S	26-Sep-07	0.00097	0.00003	<0.00005	0.01	<0.00005	0.000036 J	<0.00005
CPT-35S	08-Nov-07	0.018	0.0017	<0.00005	0.32	<0.00005	0.000032 J	<0.00005
CPT-35S	18-Mar-08	0.0091	0.0032	<0.00005	0.22	<0.00005	0.000059	<0.00005
CPT-36S	23-Mar-07	3	0.00055	0.0022	<b>14</b>	0.004	0.22	0.00031
CPT-36S	19-Jun-07	2.6	0.00051	0.000037 J	<b>9.7</b>	0.00011	0.011	<0.00005
CPT-36S	30-Aug-07	0.6	<0.000025	<0.00005	<b>11</b>	<0.00005	0.000051	<0.00005
CPT-36S	27-Sep-07	1.3	0.00036	<0.00005	<b>7</b>	<0.00005	0.00081	<0.00005
CPT-36S	08-Nov-07	1.9	0.0013	0.000021 J	<b>8.9</b>	0.00013	0.0018	<0.00005
CPT-36S	19-Mar-08	1.6	0.0039	0.000045 J	<b>8.4</b>	0.00016	0.0028	0.000034 J
CPT-37S	12-Mar-07	0.00047	0.0014	0.000035 J	0.0043	0.000051	0.00021	0.00013
CPT-37S	27-Sep-07	0.00044	0.0048	0.000027 J	0.0078	0.000044 J	0.00012	0.000052
CPT-37S	06-Nov-07	0.000075	0.0019	0.000014 J	<0.002	0.00002 J	<0.00005	0.000017 J
CPT-38S	12-Mar-07	0.000069	0.0012	<0.00005	0.00047	<0.00005	0.000022 J	0.000027 J
CPT-38S	26-Sep-07	0.00006	0.000072	<0.00005	0.00076	<0.00005	0.000011 J	<0.00005
CPT-38S	07-Nov-07	<0.00007	0.00087	<0.00005	<0.00059	<0.00005	0.000018 J	<0.00005

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-41D	19-Mar-07	0.5	0.00093	0.0077	<b>2.4</b>	0.0081	0.079	0.00014
CPT-41D	22-Jun-07	2.7	0.00026	0.000047 J	<b>15</b>	0.000065	0.02	0.00005 J
CPT-41D	29-Aug-07	2.6	0.00031	0.0008	<b>13</b>	0.0024	0.066	0.00013
CPT-41D	26-Sep-07	0.036	0.000024 J	<0.00005	0.31	<0.00005	0.00011	<0.00005
CPT-41D	07-Nov-07	0.7	0.00038	<0.00005	<b>8.6</b>	0.000018 J	0.0079	0.000041 J
CPT-41D	18-Mar-08	2.2	0.000025 J	<0.00005	<b>4.9</b>	<0.00005	0.005	0.000014 J
CPT-41S	19-Mar-07	0.0018	0.0023	0.000057	0.011	0.000076	0.00049	0.000066
CPT-41S	22-Jun-07	0.0023	0.00019	0.00015	0.032	0.000095	0.00094	<0.00005
CPT-41S	29-Aug-07	0.031	0.000021 J	<0.00005	0.25	0.000043 J	0.00022	0.000019 J
CPT-41S	26-Sep-07	0.0025	0.00024	<0.00005	0.15	<0.00005	0.000029 J	<0.00005
CPT-41S	07-Nov-07	0.00072	0.00021	<0.00005	0.11	<0.00005	0.000028 J	<0.00005
CPT-41S	18-Mar-08	0.009	0.00057	<0.00005	0.083	<0.00005	0.000016 J	<0.00005
CPT-43S	23-Mar-07	2.9	0.007	0.012	<b>12</b>	0.011	0.19	<0.00005
CPT-43S	21-Jun-07	2.6	0.00012	0.022	<b>14</b>	0.017	0.38	0.00043
CPT-43S	30-Aug-07	1.6	0.000074	0.012	<b>11</b>	0.013	0.21	0.00041
CPT-43S	27-Sep-07	3.2	0.00025	0.011	<b>13</b>	0.019	0.38	0.00018
CPT-43S	08-Nov-07	2.7	0.0005	0.0058	<b>9.5</b>	0.0084	0.16	0.00012
CPT-43S	19-Mar-08	1.8	0.000084	0.000054	<b>10</b>	0.000049 J	0.016	0.00011
CPT-44S	23-Mar-07	2.7	0.0023	0.044	<b>12</b>	0.055	0.58	0.00027
CPT-44S	19-Jun-07	2.4	0.00087	0.01	<b>9.7</b>	0.015	0.18	<0.00005
CPT-44S	30-Aug-07	1.9	0.0037	0.027	<b>8.4</b>	0.033	0.36	0.00012
CPT-44S	27-Sep-07	2.3	0.0013	0.02	<b>10</b>	0.031	0.37	0.000095
CPT-44S	08-Nov-07	2.4	0.001	0.021	<b>11</b>	0.028	0.3	0.00011
CPT-44S	19-Mar-08	2.2	0.00052	0.015	<b>14</b>	0.017	0.34	0.0002
CPT-45D	21-Mar-07	0.059	0.0016	0.0012	0.3	0.0018	0.015	0.00062
CPT-45D	22-Jun-07	0.02	0.0039	0.00033	0.097	0.0004	0.0043	0.000043 J
CPT-45D	27-Aug-07	1.1	0.00046	0.0098	<b>2.7</b>	0.014	0.13	<0.00005
CPT-45D	27-Sep-07	2.8	0.0012	0.024	<b>10</b>	0.035	0.54	0.0002
CPT-45D	07-Nov-07	0.91	0.0021	0.0082	<b>5.5</b>	0.0075	0.14	0.000095
CPT-45D	18-Mar-08	0.13	0.00064	0.00083	0.62	0.00096	0.014	0.000052

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-45S	21-Mar-07	0.00048	0.00044	0.000018 J	0.0023	0.00003 J	0.00011	<0.00005
CPT-45S	22-Jun-07	0.059	0.00042	0.0016	0.486	0.0016	0.016	<0.00005
CPT-45S	27-Aug-07	0.0061	0.000012 J	<0.00005	0.06	<0.00005	0.00029	<0.00005
CPT-45S	27-Sep-07	0.16	0.00012	<0.00005	0.8	<0.00005	0.00011	<0.00005
CPT-45S	07-Nov-07	0.28	0.000087	<0.00005	1.7	<0.00005	0.00018	<0.00005
CPT-45S	18-Mar-08	0.043	0.000051	<0.00005	0.24	<0.00005	0.000046 J	<0.00005
CPT-46D	23-Mar-07	3.2	0.00045	0.017	15	0.00061	0.31	0.0012
CPT-46D	21-Jun-07	3.4	<0.000025	0.018	15	0.026	0.45	0.00088
CPT-46D	28-Aug-07	4.8	<0.000025	0.062	29	0.1	1.1	0.0003
CPT-46D	27-Sep-07	4	0.00046	0.003	16	0.0049	0.33	0.002
CPT-46D	07-Nov-07	4.5	0.00023	0.02	20	0.018	0.5	0.002
CPT-46D	19-Mar-08	2.8	0.00015	0.00058	13	0.002	0.29	0.0014
CPT-46S	23-Mar-07	1.8	0.0046	0.025	11	0.024	0.083	0.0021
CPT-46S	21-Jun-07	1.3	0.0022	0.000056	5.4	0.000067	0.083	0.00059
CPT-46S	28-Aug-07	4.1	<0.000025	0.00003 J	19	0.00015	0.0012	<0.00005
CPT-46S	27-Sep-07	1.6	0.00047	<0.00005	6.4	<0.00005	0.0012	<0.00005
CPT-46S	07-Nov-07	4.1	<0.000025	<0.00005	18	<0.00005	0.00038	<0.00005
CPT-46S	19-Mar-08	0.59	0.00014	<0.00005	11	<0.00005	0.00012	<0.00005
CPT-47S	12-Mar-07	0.0004	0.0014	0.00004 J	0.0037	0.000042 J	0.00017	0.0001
CPT-47S	26-Sep-07	0.00034	0.0052	<0.00005	0.0085	<0.00005	0.00012	0.000076
CPT-47S	07-Nov-07	0.00048	0.0037	<0.00005	0.0068	0.000025 J	0.00006	0.000048 J
CPT-48S	20-Mar-07	0.0021	0.000048	<0.00005	0.01	<0.00005	0.00054	<0.00005
CPT-48S	26-Jun-07	0.000024 J	0.0015	<0.00005	0.0032	<0.00005	<0.00005	<0.00005
CPT-48S	29-Aug-07	0.000054	0.0012	<0.00005	0.0026	<0.00005	<0.00005	<0.00005
CPT-49S	20-Mar-07	0.00071	0.0019	0.000058	0.0063	0.000088	0.00033	0.00019
CPT-49S	26-Jun-07	0.00027	0.0034	0.000013 J	0.0066	0.000022 J	0.000097	0.000077
CPT-49S	29-Aug-07	0.000022 J	0.00027	<0.00005	0.00088	<0.00005	0.00001 J	<0.00005
CPT-49S	25-Sep-07	0.000079 J	0.00078 J	<0.00005	0.0013 J	<0.00005	<0.00005	<0.00005
CPT-49S	06-Nov-07	0.000046	0.0013	<0.00005	<0.0021	<0.00005	<0.00005	<0.00005
CPT-49S	18-Mar-08	0.00019	0.0026	<0.00005	0.0048	<0.00005	0.000022 J	<0.00005

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-50S	20-Mar-07	0.00037	0.0015	0.000037 J	0.0034	0.00007	0.00019	0.00011
CPT-50S	19-Jun-07	0.00063	0.0013	<0.00005	0.0036	<0.00005	0.000073	<0.00005
CPT-50S	29-Aug-07	0.000089	0.00053	0.000016 J	0.0011	0.000048 J	0.000022 J	0.00002 J
CPT-50S	25-Sep-07	0.000088	0.00038	0.00014	0.0016	0.00035	0.00014	0.00015
CPT-50S	07-Nov-07	0.0002	0.00074	<0.00005	0.002	<0.00005	0.000011 J	<0.00005
CPT-50S	17-Mar-08	0.000006 J	0.00017 J	<0.00005	0.00048	<0.00005	<0.00005	<0.00005
CPT-51S	22-Mar-07	0.00038	0.00095	0.000021 J	0.0031	0.00004 J	0.00018	0.000066
CPT-52S	22-Mar-07	0.000082	0.00031	<0.00005	0.00056	<0.00005	0.000034 J	0.000022 J
CPT-52S	21-Jun-07	0.0045	0.00037	<0.00005	0.018	<0.00005	0.00073	<0.00005
CPT-52S	27-Aug-07	0.000033	0.001	<0.00005	0.0015	<0.00005	0.000015 J	<0.00005
CPT-52S	08-Nov-07	0.00027	0.003	<0.00005	0.0048	<0.00005	0.000038 J	<0.00005
CPT-53S	20-Mar-07	1.8	0.000041	0.028	<b>8</b>	0.033	0.41	<0.00005
CPT-53S	26-Jun-07	1.7	0.000017 J	0.0082	<b>10</b>	0.011	0.23	0.000042 J
CPT-53S	29-Aug-07	2	<0.000025	0.004	<b>10</b>	0.0068	0.18	<0.00005
CPT-53S	25-Sep-07	2.3 J	0.000021 J	0.0041 J	<b>11 J</b>	0.0088 J	0.28 J	0.000017 J
CPT-53S	07-Nov-07	1.6	0.0017	0.0016	<b>11</b>	0.0032	0.083	<0.00005
CPT-53S	18-Mar-08	0.66	0.003	0.000088	<b>6</b>	0.00028	0.0076	<0.00005
CPT-54S	23-Mar-07	2.7	0.00077	0.033	<b>11</b>	0.044	0.53	0.0005
CPT-54S	22-Jun-07	2.2	0.00071	0.036	<b>14</b>	0.052	0.54	0.00015
CPT-54S	30-Aug-07	1.5	0.0013	0.009	<b>5.5</b>	0.011	0.15	<0.00005
CPT-54S	27-Sep-07	2.2	0.00027	0.0084	<b>8.1</b>	0.0095	0.18	0.000067
CPT-54S	07-Nov-07	1.9	0.00053	0.00041	<b>9.1</b>	0.0006	0.014	0.00012
CPT-54S	19-Mar-08	1.7	0.000078	<0.00005	<b>9.4</b>	<0.00005	0.0032	0.000021 J
CPT-55S	22-Mar-07	0.00024	0.00086	0.000017 J	0.002	0.000037 J	0.00011	0.000061
CPT-55S	18-Jun-07	0.000024 J	0.00019	<0.00005	0.00033	<0.00005	0.00001 J	<0.00005
CPT-55S	29-Aug-07	0.0019	0.000065	<0.00005	0.0073	<0.00005	0.000098	<0.00005
CPT-56S	22-Mar-07	0.00025	0.0006	<0.00005	0.0017	0.000031 J	0.0001	0.000064
CPT-56S	22-Jun-07	0.003	0.00013	<0.00005	0.013	<0.00005	0.00058	<0.00005
CPT-56S	28-Aug-07	0.000052	0.0021	<0.00005	0.0027	<0.00005	0.000015 J	0.000012 J

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-57R	21-Mar-07	3.6	<0.000025	0.06	<b>20</b>	0.089	0.73	<0.00005
CPT-57R	21-Jun-07	3.7	<0.000025	0.047	<b>18</b>	0.069	0.71	0.00008
CPT-57R	29-Aug-07	3.5	<0.000025	0.039	<b>19</b>	0.059	0.67	<0.00005
CPT-57R	27-Sep-07	3.6	<0.000025	0.026	<b>13</b>	0.038	0.43	<0.00005
CPT-57R	07-Nov-07	2.9	<0.000025	0.02	<b>13</b>	0.03	0.4	0.00003 J
CPT-57R	18-Mar-08	2	0.000009 J	<0.00005	<b>14</b>	0.00011	0.12	0.000067
CPT-57S	21-Mar-07	0.027	0.000032	0.00067	0.17	0.00047	0.0097	<0.00005
CPT-57S	21-Jun-07	0.42	<0.000025	0.0055	<b>2</b>	0.0067	0.1	0.000032 J
CPT-57S	29-Aug-07	0.26	<0.000025	0.0023	1.5	0.003	0.052	0.000039 J
CPT-58S	20-Mar-07	0.00067	0.0018	0.000047 J	0.006	0.000082	0.0003	0.00017
CPT-58S	26-Jun-07	3.9	0.0013	0.009	<b>18</b>	0.014	0.29	0.00004 J
CPT-58S	29-Aug-07	5.5	0.000019 J	0.005	<b>24</b>	0.0094	0.22	0.000044 J
CPT-58S	25-Sep-07	0.79 J	0.00076 J	0.00026 J	<b>4.6 J</b>	0.00038 J	0.022 J	0.00006 J
CPT-58S	07-Nov-07	1.8	0.00029	0.00005 J	<b>5</b>	0.000084	0.0058	0.000017 J
CPT-58S	18-Mar-08	0.48	0.000073	<0.00005	<b>7.8</b>	<0.00005	0.00012	<0.00005
CPT-59S	22-Mar-07	0.00062	0.0019	0.000037 J	0.0052	0.000091	0.00028	0.00015
CPT-59S	20-Jun-07	0.00006	0.00059	<0.00005	0.00075	<0.00005	0.000016 J	<0.00005
CPT-59S	28-Aug-07	0.000019 J	0.000028	<0.00005	0.00053	<0.00005	0.00001 J	<0.00005
CPT-60S	22-Mar-07	0.00048	0.0017	0.0002 J	0.0042	0.000062	0.00021	0.000099
CPT-60S	20-Jun-07	0.00068 J	0.0013	0.000014 J	0.0041 J	0.000037 J	0.00018 J	0.000018 J
CPT-60S	28-Aug-07	0.00013	0.0034	<0.00005	0.0054	<0.00005	0.000051	0.000033 J
CPT-60S	27-Sep-07	0.000061	0.0018	<0.00005	0.0024	<0.00005	0.000014 J	<0.00005
CPT-60S	07-Nov-07	0.00015	0.0011	<0.00005	0.002	<0.00005	0.000027 J	<0.00005
CPT-60S	19-Mar-08	0.000042	0.00069	<0.00005	0.0023	<0.00005	<0.00005	<0.00005
CPT-61S	21-Mar-07	0.0019	0.00094	0.000031 J	0.009	0.000077	0.00032	0.000031 J
CPT-61S	19-Jun-07	0.00026	0.0012	<0.00005	0.0025	<0.00005	0.000034 J	<0.00005
CPT-61S	29-Aug-07	0.000088	0.00025	<0.00005	0.00069	<0.00005	0.000027 J	0.000012 J
CPT-62S	21-Mar-07	0.0039	0.000084	0.000087	0.017	<0.00005	0.00078	<0.00005
CPT-62S	26-Jun-07	0.00041	0.0026	0.000036 J	0.0069	0.000032 J	0.00044	0.000028 J
CPT-62S	27-Aug-07	0.0055	0.00026	0.000043 J	0.033	0.00014	0.0011	<0.00005
CPT-62S	27-Sep-07	0.0034	0.0014	0.000032 J	0.028	0.000035 J	0.00055	<0.00005
CPT-62S	06-Nov-07	0.02	0.0013	<0.00005	0.13	0.000033 J	0.0021	<0.00005
CPT-62S	19-Mar-08	0.043	0.000048	<0.00005	0.33	<0.00005	0.0008	<0.00005

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-63S	19-Mar-07	0.001	0.00082	<0.00005	0.0054	<0.00005	0.0003	0.000082
CPT-63S	19-Jun-07	0.00045	0.00048	<0.00005	0.0022	<0.00005	0.000058	<0.00005
CPT-63S	29-Aug-07	0.00024	0.000041	<0.00005	0.00069	0.000024 J	0.000023 J	0.00001 J
CPT-63S	25-Sep-07	0.000022 J	0.00053	<0.00005	0.0008	<0.00005	<0.00005	<0.00005
CPT-63S	06-Nov-07	<0.000028	0.0011	<0.00005	<0.0015	<0.00005	<0.00005	<0.00005
CPT-63S	18-Mar-08	0.00015	0.0014	<0.00005	0.0023	<0.00005	0.000017 J	<0.00005
CPT-64S	22-Mar-07	0.00012	0.00044	0.000018 J	0.0011	0.000028 J	0.000066	0.000028 J
CPT-64S	22-Jun-07	0.00045	0.00027	<0.00005	0.0029	<0.00005	0.000039 J	<0.00005
CPT-64S	29-Aug-07	0.00011	0.000033	<0.00005	0.00035	0.000026 J	0.000018 J	<0.00005
CPT-64S	25-Sep-07	0.00001 J	0.00023	<0.00005	0.00036	<0.00005	<0.00005	<0.00005
CPT-64S	07-Nov-07	<0.000052	0.00045	<0.00005	0.00078	<0.00005	0.000011 J	<0.00005
CPT-65S	23-Mar-07	0.0032	0.00017	<0.00005	0.013	<0.00005	0.00074	<0.00005
CPT-65S	22-Jun-07	0.0027	0.00011	<0.00005	0.012	<0.00005	0.000026 J	<0.00005
CPT-65S	28-Aug-07	0.16	0.00011	<0.00005	0.91	<0.00005	0.0006	<0.00005
CPT-65S	27-Sep-07	0.0014	0.0024	0.000016 J	0.0085	0.000042 J	0.00024	<0.00005
CPT-65S	06-Nov-07	<0.000025	0.00099 J	<0.00005	<0.0013	<0.00005	<0.00005	<0.00005
CPT-66S	20-Mar-07	0.00041	0.00086	<0.00005	0.0029	<0.00005	0.00012	0.000074
CPT-66S	22-Jun-07	0.00047	0.000051	<0.00005	0.0027	<0.00005	0.000075	<0.00005
CPT-66S	28-Aug-07	0.0002	0.000007 J	<0.00005	0.00089	<0.00005	0.00002 J	<0.00005
CPT-67S	22-Mar-07	0.00016	0.00067	<0.00005	0.0014	<0.00005	0.00005 J	0.000048 J
CPT-67S	18-Jun-07	0.000049	0.0012	<0.00005	0.0014	<0.00005	0.000012 J	<0.00005
CPT-67S	29-Aug-07	0.000023 J	0.00029	<0.00005	0.0014	<0.00005	<0.00005	<0.00005
CPT-68S	23-Mar-07	0.0011	0.0003	0.000014 J	0.0046	0.000045 J	0.00026	0.00003 J
CPT-69S	22-Mar-07	0.00018	0.00043	0.000016 J	0.0016	0.000026 J	0.000078	0.000036 J
CPT-69S	22-Jun-07	0.0011	0.00011	<0.00005	0.0058	<0.00005	0.000039 J	<0.00005
CPT-69S	29-Aug-07	0.0015	0.00025	<0.00005	0.0077	<0.00005	0.0001	<0.00005
CPT-70S	22-Mar-07	0.000095	0.00062	<0.00005	0.0011	<0.00005	0.000038 J	0.000013 J
CPT-70S	18-Jun-07	0.000006 J	0.00043	<0.00005	0.00043	<0.00005	<0.00005	<0.00005
CPT-70S	29-Aug-07	0.000027	0.00053	<0.00005	0.0015	<0.00005	0.000011 J	<0.00005
CPT-71S	12-Mar-07	0.00059	0.0013	0.000029 J	0.0052 J	0.000023 J	0.00018	0.000088
CPT-71S	26-Sep-07	0.00011	0.00025	<0.00005	0.0026	<0.00005	0.000019 J	<0.00005
CPT-71S	07-Nov-07	0.00028	0.000089	<0.00005	0.0028	<0.00005	0.000027 J	<0.00005
CPT-72S	22-Mar-07	0.00033 J	0.00093 J	<0.00005	0.0025 J	0.000038 J	0.00013	0.00008
CPT-72S	20-Jun-07	0.000036	0.001	<0.00005	0.0011	<0.00005	<0.00005	<0.00005
CPT-72S	28-Aug-07	0.000015 J	0.0003	<0.00005	0.00065	<0.00005	<0.00005	<0.00005

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-74S	20-Mar-07	0.00029	0.0013	0.000022 J	0.0027	0.000047 J	0.00014	0.000079
CPT-74S	18-Jun-07	0.00016	0.0024	<0.00005	0.0034	<0.00005	0.000061	0.000032 J
CPT-74S	29-Aug-07	0.00096	0.00017	<0.00005	0.0042	<0.00005	0.00017	<0.00005
CPT-74S	25-Sep-07	0.000007 J	0.00018	<0.00005	0.00033	<0.00005	<0.00005	<0.00005
CPT-74S	07-Nov-07	0.00012	0.0004	<0.00005	0.001	<0.00005	0.000012 J	<0.00005
CPT-84S	20-Mar-07	0.00094	0.001	0.000041 J	0.0059	0.00012	0.00038	0.00024
CPT-84S	20-Jun-07	0.000057	0.00016	<0.00005	0.00072	<0.00005	0.000026 J	<0.00005
CPT-84S	29-Aug-07	0.009	0.00018	0.00013	0.031	0.00044	0.0022	<0.00005
CPT-84S	27-Sep-07	0.00043	0.00021	<0.00005	0.0026	<0.00005	0.000076	<0.00005
CPT-84S	06-Nov-07	<0.000032	0.00025	<0.00005	<0.00096	<0.00005	<0.00005	<0.00005
CPT-84S	17-Mar-08	0.000033	0.00051	<0.00005	0.0023	<0.00005	<0.00005	<0.00005
CPT-85S	23-Mar-07	0.38	0.00074	0.0012	<b>3.2</b>	0.002	0.068	0.000016 J
CPT-85S	22-Jun-07	0.69	<0.000025	<0.00005	<b>5</b>	<0.00005	0.0019	<0.00005
CPT-85S	29-Aug-07	0.24	0.00018	<0.00005	1.2	<0.00005	0.00057	0.000038 J
CPT-85S	27-Sep-07	0.33	0.00018	<0.00005	<b>2.3</b>	<0.00005	0.00041	<0.00005
CPT-85S	06-Nov-07	0.025	<0.000025	<0.00005	0.17	<0.00005	<0.00005	<0.00005
CPT-85S	17-Mar-08	0.13	0.00052	<0.00005	1.2	<0.00005	0.00029	<0.00005
CPT-86S	20-Mar-07	0.00066	0.00092	0.000056	0.0059	0.000089	0.0003	0.00018
CPT-86S	20-Jun-07	0.000078	0.00063	<0.00005	0.0023	<0.00005	0.000029 J	<0.00005
CPT-86S	29-Aug-07	0.001	0.00089	<0.00005	0.016	<0.00005	0.00027	<0.00005
CPT-86S	27-Sep-07	0.00038	0.00021	0.000041 J	0.0088	0.00002 J	0.00017	<0.00005
CPT-86S	06-Nov-07	0.0004	0.00064	0.000028 J	0.011	<0.00005	0.00016	0.000014 J
CPT-86S	17-Mar-08	0.00074	0.00069	<0.00005	0.017	<0.00005	0.00032	<0.00005
CPT-87S	22-Mar-07	0.00061	0.00084	0.000049 J	0.0058	0.000091	0.00027	0.00015
CPT-87S	26-Jun-07	0.000021 J	0.00021	<0.00005	0.00093	<0.00005	<0.00005	<0.00005
CPT-87S	29-Aug-07	0.008	0.00043	<0.00005	0.028	0.000022 J	0.00038	0.000015 J
CPT-88S	21-Mar-07	0.00075	0.00017	<0.00005	0.0034	<0.00005	0.00013	<0.00005
CPT-88S	21-Jun-07	0.0042	0.00089	<0.00005	0.018	0.00003 J	0.0005	<0.00005
CPT-88S	28-Aug-07	0.00039	0.000014 J	<0.00005	0.00064	<0.00005	0.000076	<0.00005
CPT-88S	18-Mar-08	0.000067	0.0034	<0.00005	0.0053	<0.00005	0.000012 J	<0.00005



**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-89S	22-Mar-07	0.00019	0.00037	0.000013 J	0.0012	0.000021 J	0.000072	0.000052
CPT-89S	21-Jun-07	0.005	0.00089	<0.00005	0.019	<0.00005	0.0008	<0.00005
CPT-89S	30-Aug-07	0.0023	0.000018 J	<0.00005	0.0093	<0.00005	0.00038	<0.00005
CPT-89S	27-Sep-07	0.000036	0.0015	<0.00005	0.0018	<0.00005	0.00001 J	<0.00005
CPT-89S	08-Nov-07	<0.000059	0.00089	<0.00005	0.0018	<0.00005	0.000012 J	<0.00005
CPT-89S	19-Mar-08	0.000048	0.00081	<0.00005	0.0016	<0.00005	<0.00005	<0.00005
CPT-90S	22-Mar-07	0.00035	0.00067	0.00003 J	0.0027	0.000033 J	0.00014	0.000073
CPT-90S	21-Jun-07	0.0021	0.0015	0.000018 J	0.01	0.000046 J	0.00035	<0.00005
CPT-90S	28-Aug-07	0.00056	0.0009	<0.00005	0.0042	<0.00005	0.000033 J	<0.00005
CPT-90S	08-Nov-07	0.00023	0.001	<0.00005	0.0027	<0.00005	0.000024 J	<0.00005
CPT-91S	21-Mar-07	2.5	0.00055	0.01	<b>11</b>	0.0037	0.16	<0.00005
CPT-91S	21-Jun-07	2.1	0.00026	0.015	<b>6.4</b>	0.019	0.23	0.000025 J
CPT-91S	29-Aug-07	5.6	<0.000025	0.065	<b>22</b>	0.11	1.1	0.000046 J
CPT-91S	27-Sep-07	1.4	0.000072	0.0016	<b>7.1</b>	0.0014	0.074	0.00021
CPT-91S	07-Nov-07	2.5	0.00012	0.00089	<b>13</b>	0.0021	0.13	0.00025
H100	23-Mar-07	6.1	<0.000025	0.073	<b>26</b>	0.12	1.2	<0.00005
H100	21-Jun-07	6.4	<0.000025	0.045	<b>19</b>	0.093	1.2	0.00025
H100	19-Jul-07	6.4	<0.000025	0.028	<b>21</b>	0.064	1.3	0.00012
H100	27-Aug-07	5.5	<0.000025	0.032	<b>26</b>	0.084	1.1	0.000043 J
H100	25-Sep-07	8	<0.000025	0.01	<b>29</b>	0.047	1.3	0.00011
H100	07-Nov-07	7	<0.000025	0.00025	<b>25</b>	0.0059	0.91	0.000067
H100	18-Mar-08	5.6	<0.000025	<0.00005	<b>24</b>	0.00007	0.28	<0.00005
H101	23-Mar-07	0.012	<0.000025	<0.00005	0.064	<0.00005	0.0024	<0.00005
H101	21-Jun-07	0.0071	0.000025 J	<0.00005	0.04	0.00016	0.0015	<0.00005
H101	19-Jul-07	0.012	<0.000025	<0.00005	0.086	0.00005	0.0012	<0.00005
H101	27-Aug-07	0.014	<0.000025	0.000067	0.056	0.00037	0.0028	0.000018 J
H101	25-Sep-07	0.0026	<0.000025	<0.00005	0.019	<0.00005	0.00039	<0.00005
H101	07-Nov-07	0.00034	0.000008 J	0.000015 J	0.0025	0.000029 J	0.000067	<0.00005
H101	19-Mar-08	0.00085	0.000063	<0.00005	0.004	<0.00005	0.0001	<0.00005
H102	19-Jul-07	0.0016	0.000006	0.000024	0.0065	0.000086	0.00037	<0.00005
H26	18-Jul-07	0.000004	<0.000025	<0.00005	0.000095	<0.00005	<0.00005	<0.00005
H29/30	18-Jul-07	0.000015	0.000011	0.000022	0.00024	0.00004	0.000026	0.000023
H31	18-Jul-07	0.000058	0.000045	0.000082	0.0016	0.00021	0.000091	0.00009

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
H34	23-Mar-07	0.0024	<0.000025	0.000024 J	0.0088	0.000092	0.00048	<0.00005
H34	19-Jun-07	0.00015	<0.000025	<0.00005	0.00076	<0.00005	0.000011 J	<0.00005
H34	18-Jul-07	0.000018	0.000006	<0.00005	0.0034	<0.00005	<0.00005	<0.00005
H34	27-Aug-07	0.000065	0.000011 J	<0.00005	0.035	0.000045 J	0.000016 J	<0.00005
H38	19-Mar-07	<0.000025	<0.000025	<0.00005	0.000028 J	<0.00005	<0.00005	<0.00005
H48	18-Jul-07	<0.000025	<0.000025	<0.00005	0.000072	<0.00005	<0.00005	<0.00005
H52/57	19-Mar-07	<0.000025	<0.000025	<0.00005	<0.0001	<0.00005	<0.00005	<0.00005
H52/57	19-Jun-07	0.00079	<0.000025	<0.00005	0.003	<0.00005	<0.00005	<0.00005
H52/57	18-Jul-07	<0.000025	<0.000025	<0.00005	0.000078	<0.00005	<0.00005	<0.00005
H52/57	27-Aug-07	0.000009 J	0.000008 J	<0.00005	0.00057	<0.00005	0.000015 J	<0.00005
H59W	18-Jul-07	0.000005	<0.000025	<0.00005	0.00013	<0.00005	<0.00005	<0.00005
H59W	27-Sep-07	0.000024 J	<0.000025	<0.00005	0.00058	<0.00005	<0.00005	<0.00005
H61	19-Mar-07	<0.000025	<0.000025	<0.00005	0.000028 J	<0.00005	<0.00005	<0.00005
H61	19-Jun-07	0.00038	<0.000025	<0.00005	0.0015	<0.00005	<0.00005	<0.00005
H61	18-Jul-07	0.000004	<0.000025	<0.00005	0.000067	<0.00005	<0.00005	<0.00005
H61	27-Aug-07	0.00001 J	0.000007 J	<0.00005	0.00068	<0.00005	0.000014 J	<0.00005
H62/63	19-Mar-07	<0.000025	<0.000025	<0.00005	<0.0001	<0.00005	<0.00005	<0.00005
H62/63	19-Jun-07	0.00026	0.000008 J	<0.00005	0.0032	<0.00005	<0.00005	<0.00005
H62/63	27-Aug-07	0.000022 J	0.000017 J	0.000042 J	0.00092	0.000088	0.000024 J	0.000028 J
H62/63	27-Sep-07	0.000009 J	<0.000025	<0.00005	0.000058 J	<0.00005	<0.00005	<0.00005
H62/63	07-Nov-07	0.0013	<0.000025	<0.00005	0.0046	<0.00005	0.0002	<0.00005
H62/63	18-Mar-08	0.000077	<0.000025	0.000023 J	0.00042	0.000026 J	0.000011 J	<0.00005
H64/65	19-Mar-07	<0.000025	<0.000025	<0.00005	0.000019 J	<0.00005	<0.00005	<0.00005
H64/65	21-Jun-07	0.0011	<0.000025	0.000024 J	0.0044	<0.00005	0.00021	<0.00005
H64/65	19-Jul-07	0.00065	0.000007	0.000013	0.0025	0.000044	0.00017	<0.00005
H64/65	28-Aug-07	0.00008	0.000013 J	<0.00005	0.00041	0.000036 J	0.000027 J	0.00002 J
H64/65	27-Sep-07	0.00063	<0.000025	<0.00005	0.0028	<0.00005	0.00012	<0.00005
H64/65	07-Nov-07	<0.0001	0.000007 J	<0.00005	<0.00042	<0.00005	0.000025 J	<0.00005
H64/65	18-Mar-08	0.000023 J	<0.000025	<0.00005	0.00022	<0.00005	0.00002 J	<0.00005

**Table 3-4**  
**Dissolved Methane Results for Groundwater Samples**

Location	Collection Date	Ethane	Ethene	iso-Butane	Methane	n-Butane	Propane	Propene
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
H66	19-Mar-07	<0.000025	<0.000025	<0.00005	0.00002 J	<0.00005	<0.00005	<0.00005
H66	21-Jun-07	0.0031	<0.000025	<0.00005	0.011	<0.00005	0.00059	<0.00005
H66	19-Jul-07	0.0005	<0.000025	<0.00005	0.0019	<0.00005	0.00012	<0.00005
H66	27-Aug-07	0.0052	<0.000025	0.000027 J	0.017	0.00019	0.0012	<0.00005
H66	27-Sep-07	<0.000025	0.000007 J	<0.00005	0.000089 J	<0.00005	<0.00005	<0.00005
H66	07-Nov-07	<0.0001	<0.000025	<0.00005	<0.00028	<0.00005	0.000026 J	<0.00005
H66	18-Mar-08	0.00091	<0.000025	0.000022 J	0.0045	<0.00005	0.00012	<0.00005
H67	23-Mar-07	0.0016	<0.000025	0.000046 J	0.014	<0.00005	0.00031	<0.00005
H67	21-Jun-07	0.0036	<0.000025	0.000047 J	0.015	0.000056	0.0007	<0.00005
H67	18-Jul-07	0.000014	0.00001	0.000022	0.00085	0.000042	0.00002	0.000032
H67	28-Aug-07	0.000054	0.00001 J	0.000016 J	0.0012	0.000034 J	0.000022 J	<0.00005
H69	18-Jul-07	0.000009	<0.000025	0.000016	0.00015	0.000026	<0.00005	0.000017
H74/75	18-Jul-07	0.000014	0.000009	0.000016	0.00024	0.000038	0.000019	0.000025
H76	18-Jul-07	0.000004	<0.000025	<0.00005	0.000098	<0.00005	<0.00005	<0.00005
H90/91	18-Jul-07	<0.000025	<0.000025	<0.00005	0.000059	<0.00005	<0.00005	<0.00005
H98	23-Mar-07	0.00096	<0.000025	0.000024 J	0.0037	<0.00005	0.00018	<0.00005
H98	21-Jun-07	0.003	0.000016 J	0.000036 J	0.013	0.00014	0.00069	0.000011 J
H98	19-Jul-07	0.0058	<0.000025	<0.00005	0.021	<0.00005	0.0013	<0.00005
H98	27-Aug-07	0.000009 J	0.000008 J	<0.00005	0.00056	<0.00005	<0.00005	<0.00005
H98	27-Sep-07	0.000009 J	<0.000025	<0.00005	0.0001 J	<0.00005	<0.00005	<0.00005
H98	07-Nov-07	0.00053	<0.000025	<0.00005	0.0021	<0.00005	0.000034 J	<0.00005
H98	18-Mar-08	0.011	<0.000025	<0.00005	0.072	<0.00005	0.00026	<0.00005
I32	12-Mar-07	0.039	<0.000025	0.000048 J	1.2	<0.00005	0.00072	<0.00005
L59	23-Mar-07	0.00074	<0.000025	<0.00005	0.003	<0.00005	0.00014	<0.00005
L59	21-Jun-07	0.012	0.000028	0.000092	0.046	0.00046	0.0027	0.000045 J
L59	18-Jul-07	0.00001	0.000006	<0.00005	0.0021	<0.00005	<0.00005	<0.00005
L59	27-Aug-07	0.000012 J	0.00001 J	<0.00005	0.0017	<0.00005	<0.00005	<0.00005
L59	27-Sep-07	0.000004 J	0.000006 J	<0.00005	0.00035	<0.00005	<0.00005	<0.00005
L59	07-Nov-07	0.0016	<0.000025	<0.00005	0.0063	<0.00005	0.00027	<0.00005
WMSWP	18-Apr-07	0.0047	<0.000025	0.00008	0.018	0.00023	0.0012	<0.00005

< indicates analyte was not detected at the associated reporting limit.

> 2 mg/L, which is the COGCC evaluation criterion for methane.

J indicates value or reporting limit is considered an estimated quantity.

mg/L = milligrams per liter

WMSWP = Wind Mill Southwest of Plant

Table 3-5  
Dissolved Metals Results for Groundwater Samples

Location	Collection Date	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L
CPT-01S	20-Mar-07	0.164	<0.005	<0.005	0.0259	<0.004	0.276	0.000409 J	209	0.00128 J	0.00272 J	<0.005	0.163	<0.005	34.5	0.197	0.00631	18.6	<0.005	<0.005	146	<0.005	0.0045 J	0.00716 J
CPT-01S	20-Jun-07	<0.01	<0.000358	0.00268 J	0.0377	<0.004	0.298	<0.000199	210	0.00161 J	0.00119 J	0.00206 J	<0.02	<0.00066	34.8	0.0229	0.00207 J	16.3	<0.005	<0.000134	144	0.000432 J	0.0129	0.00276 J
CPT-01S	28-Aug-07	0.0077 J	<0.000358	<0.005	0.0234 J	<0.000118	0.28	<0.000199	202	0.00128 J	0.000424 J	0.002 J	0.0125 J	<0.00066	34.3	0.00105 J	0.0042 J	16.3	<0.005	<0.000134	149	<0.000238	0.00321 J	0.0179
CPT-02S	20-Mar-07	0.0168	<0.005	<0.005	0.0271	<0.004	0.291	0.000272 J	221	0.000878 J	0.00505	<0.005	0.0158 J	<0.005	40.6	0.527	0.00553	17.6	0.00114 J	<0.005	134	<0.005	0.00158 J	0.0052 J
CPT-02S	22-Jun-07	0.00523 J	<0.000358	0.00224 J	0.0115	<0.000118	0.312	<0.000199	218	0.000704 J	0.00291 J	0.00143 J	0.011 J	<0.00066	41	0.0467	0.00505	16.4	0.0166	<0.000134	126	<0.000238	0.00533	0.0286
CPT-02S	28-Aug-07	0.0342	<0.000358	<0.005	0.0201 J	<0.000118	0.308	<0.000199	227	0.00234 J	0.000546 J	0.00463 J	0.0222	<0.00066	41.8	0.00383 J	0.00498 J	17.6	<0.00513	<0.000134	147	<0.000238	0.00182 J	0.0652
CPT-03S	22-Mar-07	0.0222	<0.005	0.00297 J	0.0216	<0.004	0.367 J	<0.005	307	0.00275 J	0.00249 J	0.0432	<0.005	<0.005	74.5	0.114	0.0183	16.2	0.0056	<0.005	214	<0.005	<0.00554	0.0134 J
CPT-03S	21-Jun-07	0.0107 J	<0.005	<0.005	0.0233	<0.000118	0.34	<0.000199	295	0.00122 J	0.00176 J	0.00384 J	0.00433 J	<0.00066	72.7	0.0512	0.00686	15.2	0.00454 J	<0.000134	185	<0.000238	0.000995 J	0.011
CPT-03S	27-Aug-07	0.00954 J	<0.000358	0.00268 J	0.017	<0.000118	0.364	<0.000199	259	0.00135 J	0.000451 J	0.00343 J	0.0155 J	<0.00066	63.2	0.0144	0.00266 J	15.4	0.00345 J	<0.000134	187	<0.000238	<0.005	0.0897
CPT-07S	22-Mar-07	0.0448	<0.005	0.00268 J	0.0656	<0.004	0.232 J	<0.005	99.6	0.0111	0.0065	0.00141 J	0.068	<0.005	49.4	0.0476	0.00824	5.22	0.00286 J	<0.005	102	<0.005	<0.0109	0.00668 J
CPT-07S	20-Jun-07	<0.016	<0.005	0.00399 J	0.0754	<0.000118	0.164 J	<0.000199	42.4	0.00313 J	<0.000279	0.00097 J	<0.00333	<0.00066	21	0.00264 J	0.000826 J	3.02	0.00176 J	<0.000134	62.3	<0.000238	0.00813	0.00334 J
CPT-07S	27-Aug-07	0.034	<0.000358	0.00381 J	0.174	<0.000118	0.206	<0.000199	84.2	0.00195 J	0.00028 J	0.00221 J	0.026	<0.00066	42	<0.005	0.00115 J	5.5	<0.005	<0.000134	87.6	<0.005	0.00782	0.00531 J
CPT-08S	21-Mar-07	0.024	<0.005	0.00315 J	0.0412	<0.004	0.176	<0.005	107	0.0016 J	0.00159 J	0.00132 J	0.0184 J	<0.005	22.7	0.116	0.00252 J	11.2	<0.005	<0.005	88.2	<0.005	0.013	0.00573 J
CPT-08S	20-Jun-07	<0.01	<0.000358	0.00321 J	0.0375	<0.000118	0.162	<0.000199	104	0.00173 J	0.00121 J	<0.000824	<0.02	<0.00066	21	0.0286 J	0.00199 J	9.64	<0.005	<0.000134	78.3	0.000331 J	0.0128	0.00295 J
CPT-08S	28-Aug-07	0.0287	<0.000358	<0.005	0.0377 J	<0.000118	0.16	<0.000199	96.2	0.00171 J	<0.000824	<0.00333	<0.00066	<0.00066	20.2	0.0348 J	0.00249 J	9.78	<0.005	<0.000134	77.5	<0.000238	0.0123	<0.01
CPT-11S	21-Mar-07	0.0659	<0.005	0.00295 J	0.0396	<0.004	0.0548	0.0002 J	72.4	0.00267 J	0.00476 J	0.00152 J	0.0523	<0.005	17.1	0.0406	0.00242 J	9.84	<0.005	<0.005	32.4	<0.005	0.00484 J	0.008 J
CPT-11S	20-Jun-07	<0.01	<0.005	0.00304 J	0.0436	<0.000118	0.0489 J	<0.000199	75.7	0.00155 J	<0.000279	<0.000824	0.00395 J	<0.00066	18.1	0.0196	0.000861 J	10.2	0.000953 J	<0.000134	31.6	<0.000238	0.00485 J	0.00256 J
CPT-11S	28-Aug-07	0.0492	<0.000358	<0.005	0.0448 J	<0.000118	<0.1	<0.000199	82.1	0.00134 J	<0.000279	<0.000824	0.0318	<0.00066	19.9	0.0636 J	0.00154 J	11.1	<0.005	<0.000134	31.9	<0.000238	0.00426 J	<0.01
CPT-13S	13-Mar-07	<0.0212	<0.005	0.00387 J	0.0319	<0.004	0.0726 J	<0.005	89.7	0.00294 J	0.00114 J	<0.005	0.0156 J	<0.005	21.5	0.0559	0.0015 J	8.79	<0.005	<0.005	51.4	<0.005	0.00633	0.00781 J
CPT-13S	27-Jun-07	<0.0117	<0.000358	<0.005	0.0323	<0.000118	0.0652 J	<0.000199	86	0.00237 J	0.00133 J	<0.000824	0.00648 J	<0.00066	20	0.0282	0.00134 J	7.95	0.00137 J	<0.000134	44.5	<0.000238	0.00529	0.0036 J
CPT-13S	29-Aug-07	<0.003	<0.000358	0.00273 J	0.0293	<0.000118	0.0748 J	<0.000199	83.2	0.0027 J	<0.000279	<0.000824	<0.00333	<0.00066	19.1	0.0182	0.00113 J	9.41 J	<0.005	<0.000134	51.7	<0.000238	0.00611	0.0056 J
CPT-14S	21-Mar-07	0.0079 J	<0.005	0.00294	0.109	<0.004	0.0628 J	<0.005	92.7	0.00291 J	0.000358 J	0.000854 J	<0.02	<0.005	16.3	0.0534	0.00205 J	6.74	<0.00518	<0.005	36.1	0.000347 J	0.0109	0.00572 J
CPT-14S	20-Jun-07	<0.0119	<0.005	0.00425 J	0.114	<0.000118	0.0594 J	<0.000199	82.9	0.0032 J	<0.000279	<0.000824	<0.00333	<0.00066	15.2	0.0517	0.000916 J	6.19	0.0022 J	<0.000134	33.3	<0.000238	0.0113	0.0032 J
CPT-14S	27-Aug-07	0.877	<0.000358	0.00538	0.109	0.00012 J	0.0775 J	<0.000199	75.6	0.00454 J	0.00107 J	0.00156 J	0.722	0.00102 J	13.6	0.151	0.00233 J	7.51 J	<0.005	<0.000134	34.7	<0.000238	0.0155	0.0125
CPT-16S	13-Mar-07	<0.0317	<0.005	0.00499 J	0.0211	<0.004	0.261	<0.005	247	<0.005	0.00158 J	0.0011 J	0.0263	<0.005	80.2	0.0694	0.0018 J	23.9	0.00603	<0.005	167	<0.005	0.00517	0.00626 J
CPT-16S	27-Jun-07	0.0547	<0.000358	0.005 U	0.0266	<0.000118	0.278 J	<0.000199	290	0.00121 J	0.00143 J	0.00224 J	0.0407	<0.00066	88.5	0.0192	0.00238 J	21.9	0.00686	<0.000134	150	<0.000238	0.00231 J	0.00834 J
CPT-16S	30-Aug-07	0.581	<0.005	0.00354 J	0.024	0.000154 J	0.282	<0.000199	258	0.00166 J	0.00085 J	0.00192 J	0.429	0.00109 J	82.2	0.0402	0.00174 J	22.3	0.00677	<0.000134	166	<0.000238	0.00491 J	0.0207
CPT-17S	13-Mar-07	<0.0233	<0.005	0.0042	0.0193	<0.004	0.171	<0.005	262	<0.005	0.0054	0.000991 J	0.0435	<0.005	113	0.075	0.00334 J	23.8	0.00596	<0.005	133	<0.005	0.00531	0.0161
CPT-17S	20-Jun-07	<0.0147	<0.005	0.00175 J	0.0165	<0.000118	0.135 J	<0.000199	237	0.000877 J	0.00149 J	0.007 J	0.007 J	<0.00066	98.2	0.00601	0.00163 J	20.1	0.00516	<0.000134	110	<0.000238	<0.005	0.0032 J
CPT-17S	30-Aug-07	0.106	<0.005	0.00259 J	0.0232	<0.000118	0.25	<0.000199	305	0.00115 J	0.00103 J	0.00183 J	0.157	<0.00066	141	0.00855	0.00282 J	20.2	0.0086	<0.000134	176	<0.000238	0.00425 J	0.00713 J
CPT-19S	20-Mar-07	0.00765 J	<0.005	<0.005	0.0267	<0.004	0.26	0.000267 J	164	0.00149 J	0.00281 J	<0.005	0.00983 J	<0.005	36.4	0.0968	0.00559	9.88	<0.005	<0.005	116	<0.005	0.00264 J	0.0053 J
CPT-20S	20-Mar-07	0.0333	<0.005	<0.005	0.0232	<0.004	0.257	0.000397 J	359	0.00114 J	0.00282 J	<0.005	0.0361	<0.005	80.6	0.165	0.00618	40.6	<0.005	<0.005	173	<0.005	0.00537	0.00798 J
CPT-21S	13-Mar-07	<0.0102	<0.005	0.00523	0.0164	<0.004	0.366	<0.005	491	0.00209 J	0.007	0.00176 J	0.0251	<0.005	136	0.387	0.00819 J	28.3	0.00944	<0.005	248	<0.005	0.0051	0.0107 J
CPT-21S	27-Jun-07	<0.01	<0.000358	<0.005	0.0156	<0.000118	0.358 J	<0.000199	472	0.00101 J	0.00181 J	0.00334 J	<0.00333	<0.00066	137	0.042	0.00451 J	23.7	0.0115	<0.000134	213	<0.000238	0.00256 J	0.00604 J
CPT-22S	22-Mar-07	0.0488	<0.005	0.00193 J	0.0467	<0.004	0.105 J	<0.005	76.8	<0.00559	0.00526	<0.005	0.0663	<0.005	17.5	0.129	0.00573	7.19 J	0.00283 J	<0.005	82.6	<0.005	<0.0104	0.00825 J
CPT-22S	21-Jun-07	0.0227 J	<0.005	<0.005	0.0488	<0.000118	0.0832 J	<0.000199	69	0.00325 J	0.000887 J	0.00101 J	0.00763 J	<0.00066	15.9	0.0352	0.00156 J	4.94	0.00221 J	<0.000134	68.3	<0.000238	0.00469 J	0.00354 J
CPT-22S	28-Aug-07	<0.0118	<0.000358	<0.005	0.0537	<0.000118	0.104	<0.000199	77.9	0.0023 J	<0.000279	<0.000824	<0.00333	<0.00066	18.1	0.00067 J	0.0016 J	8.31	<0.005	<0.000134	82	<0.005	0.00474 J	<0.01
CPT-24S	13-Mar-07	0.0666	<0.005	0.00424 J	0.0224	<0.004	0.203	<0.005	233	<0.005	0.00555	<0.005	0.0746	<0.005	66.5	0.139	0.00389 J	19.6	0.00365 J	<0.005	141	<0.005	0.00471 J	0.0098 J
CPT-24S	21-Jun-07	0.012 J	<0.005	<0.000955	0.0182	<0.000118	0.177	<0.000199	197 J	0.000654 J	0.00197 J	0.00206 J	<0.02	<0.00066	57.2 J	0.0611 J	0.0042 J	16.3 J	0.00322 J	<0.000134	121 J	<0.000238	0.00159 J	0.00459 J
CPT-24S	29-Aug-07	0.197	<0.000358	<0.00099 J	0.0216	<0.000118	0.191	<0.000199	211	0.000917 J	0.000864 J	0.00122 J	0.0434	0.000801 J	62.2	0.0434	0.00267 J	16.2	0.00326 J	<0.000134	136	<0.000238	0.00443 J	0.00863 J
CPT-25S	12-Mar-07	0.0168 J	<0.005	0.0058	0.0207	<0.004	0.347	<0.005	509	0														

Table 3-5  
Dissolved Metals Results for Groundwater Samples

Location	Collection Date	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L
CPT-51S	22-Mar-07	0.00624 J	<0.005	0.00652 J	0.0182	<0.004	0.424 J	<0.005	407	<0.005	0.00332 J	<0.005	0.031	<0.005	57.6	0.476	0.0249	29.5	0.00587	<0.005	191	<0.005	<0.00657	0.00939 J
CPT-53S	20-Mar-07	0.00658 J	<0.005	<0.005	0.0204	<0.004	0.315	0.00025 J	387	0.000808 J	0.00565	<0.005	<0.02	<0.005	101	1.85	0.00715	33.7	<0.005	<0.005	101	<0.005	0.00383 J	0.00663 J
CPT-53S	26-Jun-07	<0.0125	0.000488 J	<0.005	0.0203	<0.000118	0.313 J	<0.000199	402	0.000284 J	0.00331 J	0.00208 J	<0.00333	<0.00066	104	1.84	0.00494 J	32	0.00712	<0.000134	93.2	<0.000238	0.00393 J	0.00573 J
CPT-53S	29-Aug-07	<0.003	<0.000358	0.0034 J	0.0177	<0.000118	0.341	<0.000199	399	0.00069 J	0.00311 J	<0.000824	<0.00333	<0.00066	103	1.88	0.00432 J	33.8	0.00398 J	<0.000134	106	<0.000238	0.00571	0.00579 J
CPT-54S	23-Mar-07	0.00928	<0.005	<0.005	0.0174	<0.004	0.626 J	<0.005	596	0.0031 J	0.00477 J	0.0213	0.00449 J	<0.005	131	0.545	0.0494	35.4	0.0129	<0.005	244	<0.005	<0.005	0.0135 J
CPT-54S	22-Jun-07	<0.003	<0.000358	0.0019 J	0.00999	<0.000118	0.578	<0.000199	582	0.000551 J	0.00265 J	0.00315 J	0.0101 J	<0.00066	127	0.359	0.0069	33.3	<0.005	<0.000134	203	<0.000238	0.0018 J	0.0331
CPT-54S	30-Aug-07	1.14	<0.000358	<0.000955	0.0274	<0.000118	0.567	<0.000199	580	0.00233	0.00197	0.00174 J	1.26	0.000831	129	0.38	0.0112	34.7	0.0153	<0.000134	205	<0.000238	<0.005	0.01
CPT-56S	22-Mar-07	0.0314	<0.005	0.00133 J	0.029	<0.004	0.429 J	<0.005	291	<0.005	0.00496 J	<0.005	0.0529	<0.005	53.5	0.195	0.0212	18.3	0.00667	<0.005	221	<0.005	<0.00642	0.0104 J
CPT-56S	22-Jun-07	<0.003	<0.000358	0.117	0.145	<0.000118	0.384	0.104	265	0.114	0.105	0.00228 J	<0.02	0.114	49.2	0.15	0.106	16.2	0.115	0.1	199	0.115	0.12	0.099
CPT-56S	28-Aug-07	0.0157	<0.000358	<0.000955	0.0282 J	<0.000118	0.382	<0.000199	257	0.00122 J	0.00103 J	0.00161 J	0.00346 J	<0.00066	47.8	0.0877 J	0.00624 J	15.1	<0.0066	<0.000134	202	<0.000238	0.00198 J	<0.01
CPT-58S	20-Mar-07	0.0193	<0.005	0.0234	<0.004	<0.004	0.262	0.000521 J	495	0.00112 J	0.00531 J	<0.005	0.0124 J	<0.005	124	0.72	0.00891	38.5	0.0118	<0.005	106	<0.005	0.00355 J	0.00848 J
CPT-58S	26-Jun-07	<0.0202	<0.000358	<0.005	0.0217	<0.000118	0.268 J	0.000221 J	474	<0.000273	0.00277 J	0.00259 J	0.0158 J	<0.00066	125	0.762	0.00573	35.1	0.0143	<0.000134	90.5	<0.000238	0.00369 J	0.00675 J
CPT-58S	29-Aug-07	0.0559	<0.000358	0.0034 J	0.0229	<0.000118	0.28	<0.000199	490	0.000795 J	0.00194 J	0.00117 J	0.0338	<0.00066	126	0.673	0.00484 J	35.9	0.0111	<0.000134	114	<0.000238	0.00595	0.0058 J
CPT-60S	22-Mar-07	0.0497	<0.005	0.00378 J	0.017	<0.004	0.621 J	0.000256 J	400	0.005 U	0.00306 J	<0.005	0.0373	<0.005	165	0.175	0.0228	24.9	0.0158	<0.005	205	<0.005	<0.00741	0.0117 J
CPT-60S	20-Jun-07	0.0281	<0.005	0.00188 J	0.015	<0.000118	0.556 J	<0.000199	367	<0.00322 J	0.0012 J	0.00126 J	0.0132 J	<0.00066	151	0.0569	0.00241 J	25.1	0.016	<0.000134	192	<0.000238	0.00438 J	0.00379 J
CPT-60S	28-Aug-07	0.00496 J	<0.000358	<0.000955	0.015 J	<0.000118	0.595	<0.000199	391	0.0015 J	0.000784 J	0.00136 J	0.0039 J	<0.00066	175	0.0823 J	0.00602 J	24	0.0125 J	<0.000134	195	<0.000238	0.00319 J	<0.01
CPT-61S	21-Feb-07	0.00895 J	<0.005	0.00239 J	0.0202	<0.004	0.669	0.000373 J	576	<0.005	0.00478 J	0.00519	<0.02	<0.005	142	1.07	0.0155	35.8	0.00606	<0.005	235	<0.005	0.00236 J	0.0111
CPT-62S	21-Mar-07	0.018	<0.005	0.00121 J	0.0178	<0.004	0.339	0.000382 J	684	0.000864 J	0.00355 J	0.00483 J	0.0349	<0.005	119	0.0996	0.0109	36.3	<0.014	<0.005	151	<0.005	0.00248	0.0102 J
CPT-62S	26-Jun-07	0.0139	<0.000358	0.00189 J	0.0158	<0.004	0.348 J	<0.000199	644	<0.000273	0.00189 J	0.00298 J	0.00615 J	<0.00066	113	0.0851	0.00464 J	27.4 J	0.0189	<0.000134	140	<0.005	0.00167 J	0.00696 J
CPT-62S	27-Aug-07	0.14	<0.000358	0.00358 J	0.0196	<0.000118	0.355	0.000348 J	632	0.000784 J	0.00168 J	0.000979 J	0.049	<0.00066	114	0.129	0.00341 J	31	0.0144	<0.000134	156	<0.000238	0.00476 J	0.039
CPT-64S	22-Mar-07	0.0043	<0.005	0.0062 J	0.0314	<0.004	0.434 J	0.000213 J	464	<0.005	0.00218 J	0.0018 J	<0.02	<0.005	117	0.205	0.032	34	<0.005	<0.005	246	<0.005	<0.0109	0.0102 J
CPT-64S	22-Jun-07	0.00794 J	<0.005	0.004 J	0.0141	<0.000118	0.416	<0.000199	470	0.000633 J	0.00256 J	0.00421 J	0.00629 J	<0.00066	119	0.15	0.00406 J	35.1	<0.005	<0.000134	219	<0.000238	0.00364 J	0.0146
CPT-64S	29-Aug-07	0.00478 J	<0.000358	0.00359 J	0.0251	<0.000118	0.43	<0.000199	417	0.00093 J	0.00098 J	0.003 J	0.0103 J	<0.00066	104	0.0674	0.00654	36.3	<0.005	<0.000134	244	<0.000238	0.00992	0.00581 J
CPT-65S	23-Mar-07	0.0257	<0.005	<0.005	0.0264	<0.004	0.849 J	<0.005	473	<0.005	0.014	0.0211	<0.02	<0.005	155	4.74	0.0469	38.8	0.012	<0.005	390	<0.005	<0.005	0.0154 J
CPT-65S	22-Jun-07	0.00512 J	<0.005	0.00148 J	0.0098	<0.000118	0.854	<0.000199	494	0.00034 J	0.00138 J	0.00374 J	<0.00666	<0.00066	168	6.02	0.00498 J	37.6	0.00766	<0.000134	364	<0.000238	0.0023 J	0.0467
CPT-65S	28-Aug-07	0.009 J	<0.000358	<0.000955	0.0166 J	<0.000118	1	<0.000199	494	0.00103 J	0.00182 J	0.00114 J	<0.00333	<0.00066	169	0.173 J	0.00875 J	38.5	<0.005	<0.000134	327	<0.000238	0.00183 J	<0.01
CPT-66S	20-Mar-07	0.00619 J	<0.005	<0.005	0.0285	<0.004	0.316	0.000334 J	340	0.00138 J	0.00523	<0.005	0.00854 J	<0.005	68.8	0.158	0.00882	16.3	0.0102	<0.005	159	<0.005	0.00528	0.0063 J
CPT-66S	22-Jun-07	<0.003	<0.005	<0.000955	0.00453 J	<0.000118	0.297	<0.000199	397	<0.000273	<0.000279	0.00352 J	<0.00333	<0.00066	82.8	0.0157	0.000813 J	15.6	<0.000264	<0.000134	165	0.000606 J	0.000616 J	0.0012 J
CPT-66S	28-Aug-07	0.0363	<0.000358	<0.005	0.0254 J	<0.000118	0.283	<0.000199	300	0.00109 J	0.0011 J	0.00184 J	0.0236	<0.00066	69	0.028 J	0.00647 J	13.3	0.0129 J	<0.000134	140	<0.000238	0.00518	<0.01
CPT-69S	22-Mar-07	0.0594	<0.005	0.00395 J	0.0305	<0.004	0.361 J	0.000244 J	187	<0.005	0.00372 J	<0.005	0.0601	<0.005	58.1	0.191	0.0145	15.2	0.0035 J	<0.005	143	<0.005	<0.00765	0.00665 J
CPT-69S	22-Jun-07	<0.003	<0.005	0.0961	0.125	<0.000118	0.35	0.0959	174	0.102	0.092	0.00261 J	0.00884 J	0.1	55.8	0.027	0.0928	14.7	0.0905	0.0912	126	0.0989	0.108	0.087
CPT-69S	29-Aug-07	0.0291	<0.000358	0.00404 J	0.0296	<0.000118	0.355	<0.000199	187	0.00146 J	0.000491 J	0.00165 J	0.0324	<0.00066	59.1	0.00304 J	0.00259 J	17.9	0.00226 J	<0.000134	154	<0.000238	0.00576	0.00545 J
CPT-71S	12-Mar-07	0.03 J	<0.005	0.00354	0.02	<0.004	0.335	<0.005	467	0.0016	0.00486	0.00106	<0.02	<0.005	126	0.0915	0.00257	26.7	0.0126	<0.005	161	<0.005	0.00821	0.00904
CPT-71S	12-Mar-07	<0.2							490				<0.1		110	0.08 J		37 J			150			
CPT-72S	22-Mar-07	0.0104	<0.005	0.00632 J	0.0183	0.000131 J	0.546 J	<0.005	328	<0.005	0.000959 J	0.000968	<0.02	<0.005	95.6	0.0309	0.0173	28.6 J	<0.005	<0.005	244	<0.005	<0.00869	0.00824 J
CPT-72S	20-Jun-07	<0.0143	<0.005	0.00339 J	0.0198	<0.000118	0.447 J	<0.000199	311	0.000955 J	0.000997 J	0.00179 J	<0.00333	<0.00066	92.8	0.00857	0.00231 J	27.3	0.00231 J	<0.000134	217	<0.005	0.00544	0.00345 J
CPT-72S	28-Aug-07	0.00487 J	<0.000358	<0.005	0.0208 J	<0.000118	0.484	<0.000199	312	0.000624 J	0.00197 J	0.000738 J	<0.00333	<0.00066	100	0.00883 J	0.00522 J	27.9	<0.005	<0.000134	224	<0.000238	0.00402 J	0.0054 J
CPT-84S	20-Mar-07	0.011	<0.005	<0.005	0.0178	<0.004	0.765	0.000257 J	517	0.0012 J	0.00581 J	<0.005	0.00873 J	<0.005	236	0.302	0.0101	43.3	<0.005	<0.005	309	<0.005	0.00232 J	0.00971 J
CPT-84S	20-Jun-07	0.0223	<0.005	0.00274 J	0.0151	<0.000118	0.709 J	<0.000199	460	0.00105 J	0.00172 J	0.00206 J	0.00538 J	<0.00066	222	0.0455	0.00417 J	35.2	0.00553	<0.000134	283	<0.000238	0.00334 J	0.00517 J
CPT-84S	29-Aug-07	0.122	<0.000358	0.00378 J	0.017	<0.000118	0.805	<0.000199	467	0.00146 J	0.00264 J	0.0025 J	0.132	<0.00066	223	0.0455	0.00466 J	39.3	0.00601	<0.000134	325	<0.000238	0.00514	0.00734 J
CPT-85S	23-Mar-07	0.0123	<0.005	<0.005	0.0184	<0.004	0.851 J	<0.005	476	<0.005	0.00661	0.0158	0.0118 J	<0.005	157	0.319	0.0304	37.4	0.00969	<0.005	288	<0.005	<0.005	0.0123 J
CPT-85S	22-Jun-07	<0.003	<0.005	0.00426 J	0.0232	<0.000118	1.08	<0.000199	488	0.00111 J	0.000458 J	0.00439 J	<0.02											

Table 3-5  
Dissolved Metals Results for Groundwater Samples

Location	Collection Date	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Boron mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L
H61	19-Mar-07	<0.01	<0.005	0.00285 J	0.0175	<0.004	0.304	<0.005	352	0.00134 J	0.0015 J	0.00487 J	0.0308	<0.005	101	0.00207 J	0.00343 J	14.6	0.00942 J	<0.005	172	<0.005	0.000978 J	0.0218
H61	19-Jun-07	0.0275	<0.005	0.00222 J	0.0178	<0.000118	0.254 J	<0.000199	312	0.00119 J	0.00131 J	0.00251 J	0.00666 J	<0.00066	97.9	<0.000647	0.00134 J	13.8	0.0128	<0.000134	152	<0.000238	<0.005	0.0122
H61	27-Aug-07	0.0116 J	<0.000358	0.00291 J	0.0176	<0.000118	0.289	<0.000199	323	0.00142 J	0.00052 J	0.00244 J	0.00482 J	<0.00066	114	<0.000647	0.00127 J	12 J	0.0134	<0.000134	161	<0.000238	<0.005	0.00959 J
H62/63	19-Mar-07	<0.01	<0.005	0.000969 J	0.0094	<0.004	0.393	<0.005	362	0.00156 J	0.000582 J	0.0139	0.0152 J	<0.005	140	<0.005	0.00338	19.8	0.0097 J	<0.005	211	<0.005	0.000792 J	0.0737
H62/63	19-Jun-07	<0.0168	<0.005	0.00204 J	0.00992	<0.000118	0.356 J	<0.000199	340	0.0016 J	0.000624 J	0.00782	0.00976 J	<0.00066	134	<0.000647	0.00145 J	15.1	0.0138	<0.000134	187	<0.000238	<0.005	0.0557
H62/63	27-Aug-07	0.0129 J	<0.000358	0.00277 J	0.0104	<0.000118	0.369	<0.000199	362	0.00165 J	0.000564 J	0.0112 J	0.00701 J	<0.00066	143	<0.000647	0.00142 J	19	0.0146	<0.000134	192	<0.000238	0.00271 J	0.0355
H64/65	19-Mar-07	<0.01	<0.005	0.00226 J	0.0256	<0.004	0.454	0.000265 J	384	0.00154 J	0.000528 J	0.00453 J	0.00927 J	<0.005	118	0.0198	0.00296 J	24.5	0.0112 J	<0.005	201	<0.005	0.0019 J	0.0845
H64/65	21-Jun-07	0.0108 J	<0.005	<0.005	0.0244	<0.000118	0.438	0.000277 J	353	0.00159 J	0.000561 J	0.00434 J	0.00452 J	<0.00066	110	0.00224 J	0.00317 J	20.3	0.0139	<0.000134	173	<0.000238	0.0017 J	0.0674
H64/65	28-Aug-07	0.0285	<0.000358	<0.000955	0.0264 J	<0.000118	0.454	0.000229 J	382	0.00152 J	0.00069 J	0.0027 J	<0.00333	<0.00066	121	0.00196 J	0.00403 J	23.5	0.0184 J	<0.000134	183	<0.005	0.00202 J	0.0718
H66	19-Mar-07	<0.01	<0.005	0.00164 J	0.019	<0.004	0.503	<0.005	421	0.00163 J	0.000825 J	0.0285	0.0449	<0.005	132	0.00983	0.00358 J	28.2	0.00914 J	<0.005	239	<0.005	0.00196 J	0.01
H66	21-Jun-07	0.0265	<0.005	<0.005	0.0186	<0.000118	0.504	<0.000199	410	0.00151 J	0.000541 J	0.0168 J	0.0288	<0.00066	130	0.005	0.00357 J	25.4	0.0122	<0.000134	196	<0.000238	0.00196 J	0.00871 J
H66	27-Aug-07	0.00745 J	<0.000358	0.00365 J	0.0197	<0.000118	0.511	<0.000199	410	0.0017 J	0.000597 J	0.015 J	0.00921 J	<0.00066	130	<0.00507	0.00134 J	24.9	0.0116	<0.000134	232	<0.000238	0.00488 J	0.00753 J
H67	23-Mar-07	0.0414 J	<0.005	<0.005	0.0181	<0.004	0.293 J	<0.005	524	<0.005	0.00172 J	0.0181	0.0515	<0.005	161	<0.005	0.032	38 J	0.0116	0.000242 J	222	0.0015 J	<0.005	0.0536 J
H67	21-Jun-07	0.012 J	<0.005	<0.005	0.0195	<0.000118	0.266	<0.000199	495	0.00142 J	0.00071 J	0.00677 J	0.0253	<0.00066	150	<0.000647	0.00595	35.1	0.00993	<0.000134	196	<0.000238	0.00257 J	0.109
H67	28-Aug-07	0.0297	<0.000358	<0.005	0.0205 J	<0.000118	0.306	<0.000199	514	0.00146 J	0.000915 J	0.00317 J	0.0316	<0.00066	164	<0.000647	0.00576 J	40	<0.0109	<0.000134	218	<0.000238	0.00238 J	0.0819
H98	23-Mar-07	<0.01	<0.005	<0.005	0.011	<0.004	0.548 J	<0.005	503	<0.005	0.00143 J	0.0178	0.0235	<0.005	150	0.645	0.0326	24.2	0.0156	<0.005	251	<0.005	<0.005	0.131 J
H98	21-Jun-07	0.011 J	<0.005	<0.005	0.0129	<0.000118	0.552	<0.000199	512	0.000572 J	0.0011 J	0.0104 J	<0.02	<0.00066	150	0.838	0.00959	24.3	0.0155	<0.000134	236	<0.000238	0.000537 J	0.35
H98	27-Aug-07	0.0238 J	<0.000358	0.00274 J	0.0133	<0.000118	0.544	<0.000199	501	0.00099 J	0.00102 J	0.00333 J	0.00428 J	<0.00066	151	0.755	0.00593	25.8	0.0138	<0.000134	239	<0.000238	0.00251 J	0.044
I32	12-Mar-07	0.0144 J	<0.005	0.00265 J	0.015	<0.004	0.344	<0.005	413	0.000426 J	0.00459 J	0.000955 J	0.944 J	<0.005	129	1.48	0.0114	29.2	<0.005	<0.005	204	<0.005	<0.005	0.0224
L59	23-Mar-07	0.00789	<0.005	<0.005	0.00925	<0.004	0.408 J	<0.005	321	<0.005	0.0016 J	0.0148	0.0331	<0.005	106	0.00155 J	0.0207	18	0.0105	<0.005	184	<0.005	<0.005	0.054 J
L59	21-Jun-07	0.00998 J	<0.005	<0.005	0.0145	<0.000118	0.443	<0.000199	327	0.00151 J	0.000553 J	0.00321 J	<0.02	<0.00066	109	0.00216 J	0.0038 J	16.5	0.0093	<0.000134	184	<0.000238	0.00078 J	0.027
L59	27-Aug-07	0.0133 J	<0.000358	0.00286 J	0.0126	<0.000118	0.465	<0.000199	355	0.00186 J	0.00069 J	0.00144 J	0.00586 J	<0.00066	117	<0.000647	0.00312 J	21.9	0.0104	<0.000134	199	<0.000238	0.00299 J	0.0364
WMSWP	18-Apr-07	0.00308 J	<0.005	0.0023 J	0.0239	<0.004	0.149 J	<0.005	96.4	0.00197 J	<0.005	0.00112 J	0.0247	<0.005	20.7	<0.005	0.00154 J	6.43	<0.005	<0.005	77.1	0.000311 J	0.00327 J	0.0734 J

< indicates the analyte was not detected above the associated reporting limit.  
J indicates that the associated numeric value is considered to be an estimated quantity.  
mg/L = milligrams per liter  
WMSWP = Wind Mill Southwest of Plant



**Table 3-6**  
**Inorganic Results for Groundwater Samples**

Location	Collection Date	Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	Alkalinity, Carbonate (as CO <sub>3</sub> )	Alkalinity, Hydroxide	Total Alkalinity (as CaCO <sub>3</sub> )	Bromide	Chloride	Fluoride	Iodide	Nitrate (as N)	Nitrite (as N)	Ortho-Phosphate (as P)	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-01S	20-Mar-07	262	<2	<2	262	<1	82.8	1.27	<1	8.72	<2	<0.05	444	1320
CPT-01S	20-Jun-07	256	<2	<2	256	<0.5	76	0.866	<1	12.4	<1	0.066	477	1500
CPT-01S	28-Aug-07	251	<2	<2	251	0.532	94.3	0.834	<1	11.4 J	<0.5	0.061	447	1520
CPT-02S	20-Mar-07	261	<2	<2	261	1.07	79.2	1.23	<1	7.46	<2	<0.05	496	1400
CPT-02S	22-Jun-07	277	<2	<2	277	0.532	70.1	0.819	<1	11.9 J	<1	<0.05	548	1410
CPT-02S	28-Aug-07	262	<2	<2	262	0.535	78.8	0.55	<1	13.3 J	<0.5	<0.05	477	1580
CPT-03S	22-Mar-07	347	<2	<2	347	<1	105	<1	<1	19.5	<1	0.092	764	2080
CPT-03S	21-Jun-07	319	<2	<2	319	0.763	100	0.53	<1	18.6	<2	<0.05	843	2090
CPT-03S	27-Aug-07	299	<2	<2	299	0.655	115	0.519	<1	8 J	<0.5	<0.05	628	1990
CPT-04S	21-Mar-07	NA	NA	NA	NA	NA	53.7	NA	NA	NA	NA	NA	427	1120
CPT-04S	18-Jun-07	NA	NA	NA	NA	NA	50.4	NA	NA	NA	NA	NA	476	1240
CPT-04S	30-Aug-07	NA	NA	NA	NA	NA	47.1	NA	NA	NA	NA	NA	434	1170 J
CPT-05S	22-Mar-07	NA	NA	NA	NA	NA	25	NA	NA	NA	NA	NA	125	566
CPT-05S	19-Jun-07	NA	NA	NA	NA	NA	24.1	NA	NA	NA	NA	NA	134	524
CPT-05S	28-Aug-07	NA	NA	NA	NA	NA	23.6	NA	NA	NA	NA	NA	117	748
CPT-06S	21-Mar-07	NA	NA	NA	NA	NA	68.7	NA	NA	NA	NA	NA	304	980
CPT-06S	18-Jun-07	NA	NA	NA	NA	NA	68.4	NA	NA	NA	NA	NA	324	1010
CPT-06S	27-Aug-07	NA	NA	NA	NA	NA	77.6	NA	NA	NA	NA	NA	326	1090
CPT-07S	22-Mar-07	190	<2	<2	190	<1	71.7	<1	<1	1.38	<1	<0.05	298	1030
CPT-07S	20-Jun-07	169	<2	<2	169	<0.5	10.6	<0.5	<1	3.13	<1	0.13	106	444
CPT-07S	27-Aug-07	197	<2	<2	197	<0.5	46.8	<0.5	<1	2.35 J	<0.5	0.16	215	777
CPT-08S	21-Mar-07	198	<2	<2	198	<1	36	<1	<1	1.8	<1	<0.05	202	706
CPT-08S	20-Jun-07	197	<2	<2	197	<0.5	34.4	<0.5	<1	2.35	<1	<0.05	210	760
CPT-08S	28-Aug-07	194	<2	<2	194	<0.5	41.6	<0.5	<1	2.38 J	<0.5	0.24	182	309
CPT-09S	21-Mar-07	NA	NA	NA	NA	NA	26.7	NA	NA	NA	NA	NA	130	516
CPT-09S	18-Jun-07	NA	NA	NA	NA	NA	43.3	NA	NA	NA	NA	NA	219	808
CPT-09S	28-Aug-07	NA	NA	NA	NA	NA	42.3	NA	NA	NA	NA	NA	203	699
CPT-10S	21-Mar-07	NA	NA	NA	NA	NA	36.2	NA	NA	NA	NA	NA	378	966
CPT-10S	19-Jun-07	NA	NA	NA	NA	NA	31.8	NA	NA	NA	NA	NA	401	1040
CPT-10S	28-Aug-07	NA	NA	NA	NA	NA	35.1	NA	NA	NA	NA	NA	332	1380
CPT-11S	21-Mar-07	147	<2	<2	147	<1	13.6	<1	<1	1.68	<1	<0.05	99.6	461
CPT-11S	20-Jun-07	160	<2	<2	160	<0.5	14.7	0.508	<1	2.18	<1	<0.05	131	510
CPT-11S	28-Aug-07	174	<2	<2	174	<0.5	35.8	<0.5	<1	2.33 J	<0.5	<0.05	122	802
CPT-12S	21-Mar-07	NA	NA	NA	NA	NA	32.7	NA	NA	NA	NA	NA	184	639
CPT-12S	18-Jun-07	NA	NA	NA	NA	NA	28.5	NA	NA	NA	NA	NA	173	595
CPT-12S	28-Aug-07	NA	NA	NA	NA	NA	34.1	NA	NA	NA	NA	NA	128	466
CPT-13S	13-Mar-07	145	<2	<2	145	<0.5	22.6	0.589	<1	2.48 J	<0.5	0.0585	191	544
CPT-13S	27-Jun-07	145	<2	<2	145	<0.5	20.7	<0.5	<1	2.65	<1	<0.05	184	608
CPT-13S	29-Aug-07	145	<2	<2	145	<0.5	22	<0.5	<1	2.63	<0.5	0.051	170	576
CPT-14S	21-Mar-07	166	<2	<2	166	<1	31.7	<1	<1	2.81 J	<1	0.142	112	522
CPT-14S	20-Jun-07	165	<2	<2	165	<0.5	25.6	<0.5	<1	3.42	<1	0.14	112	660
CPT-14S	27-Aug-07	161	<2	<2	161	<0.5	22.4	<0.5	<1	4.01 J	<0.5	0.14	102	530
CPT-15S	22-Mar-07	NA	NA	NA	NA	NA	24.2	NA	NA	NA	NA	NA	226	769
CPT-15S	19-Jun-07	NA	NA	NA	NA	NA	21.6	NA	NA	NA	NA	NA	228	720
CPT-15S	30-Aug-07	NA	NA	NA	NA	NA	31.6	NA	NA	NA	NA	NA	271	516 J

**Table 3-6**  
**Inorganic Results for Groundwater Samples**

Location	Collection Date	Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	Alkalinity, Carbonate (as CO <sub>3</sub> )	Alkalinity, Hydroxide	Total Alkalinity (as CaCO <sub>3</sub> )	Bromide	Chloride	Fluoride	Iodide	Nitrate (as N)	Nitrite (as N)	Ortho-Phosphate (as P)	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-16S	13-Mar-07	276	<2	<2	276	0.617	88.5	<0.5	<1	17.2 J	<1	0.0568	776	1800
CPT-16S	27-Jun-07	277	<2	<2	277	0.762	99.3	<0.5	<1	21.7	<1	<0.05	894	2080
CPT-16S	30-Aug-07	265	<2	<2	265	0.771	81.9	<0.5	<1	14.4 J	<5	0.31	749	1540 J
CPT-17S	13-Mar-07	207	<2	<2	207	0.776	102	<0.5	<1	21.9 J	<1	0.0853	793	1820
CPT-17S	20-Jun-07	198	<2	<2	198	0.618	91.8	0.536	<1	20.1	<2	<0.05	760	1990
CPT-17S	30-Aug-07	441	<2	<2	441	1.02	142	<0.5	<1	28.3 J	<5	0.2	1030	2250 J
CPT-18S	20-Mar-07	NA	NA	NA	NA	NA	86.4	NA	NA	NA	NA	NA	791	2000
CPT-18S	19-Jun-07	NA	NA	NA	NA	NA	73.4	NA	NA	NA	NA	NA	801	1880
CPT-19S	20-Mar-07	223	<2	<2	223	<1	69.1	1.18	<1	3.29	<2	0.0786	349	1110
CPT-20S	20-Mar-07	380	<2	<2	380	<1	94.5	<1	<1	18.3	<2	0.0552	768	2140
CPT-21S	13-Mar-07	337	<2	<2	337	1.16	146	4.21	<1	34.1	<1	0.0736	1360	2940
CPT-21S	27-Jun-07	322	<2	<2	322	1.17	148	0.71	<1	36.6	<2	<0.05	1470	3190
CPT-22S	22-Mar-07	171	<2	<2	171	<1	17.7	<1	<1	2.37	<1	0.176	174	668
CPT-22S	21-Jun-07	374	<2	<2	374	<0.5	14.6	<0.5	<1	2.71	<1	0.16	175	574
CPT-22S	28-Aug-07	177	<2	<2	177	<0.5	18.8	<0.5	<1	2.67 J	<0.5	0.34	151	466
CPT-23S	19-Mar-07	NA	NA	NA	NA	NA	157	NA	NA	NA	NA	NA	1160	2960
CPT-23S	19-Jun-07	NA	NA	NA	NA	NA	160	NA	NA	NA	NA	NA	1350	3150
CPT-23S	28-Aug-07	NA	NA	NA	NA	NA	187	NA	NA	NA	NA	NA	1200	4270
CPT-24S	13-Mar-07	237	<2	<2	237	0.529	72.8	<0.5	<1	10.2 J	<1	0.0936	640	1460
CPT-24S	21-Jun-07	219 J	<2	<2	219	<0.5	29.9 J	<0.5	<1	8.32 J	<1	0.1 J	289 J	1540
CPT-24S	29-Aug-07	230	<2	<2	230	<0.5	72.3	<0.5	<1	10.6	<0.5	0.14	556	1600
CPT-25S	12-Mar-07	315	<2	<2	315	1.36	215	4.29	<1	30.3	<2	0.0552	1560	3330
CPT-26D	19-Mar-07	356	<2	<2	356	1.12	150	2.76	<1	15.6 J	<2.5	0.0619	1240	3100
CPT-26D	22-Jun-07	377	<2	<2	377	1.17	144	<0.5	<1	19.5 J	<1	0.058	1360	3350
CPT-26D	28-Aug-07	343	<2	<2	343	1.03	180	<0.5	<1	20.8 J	<0.5	0.09	1210	3350
CPT-26S	19-Mar-07	NA	NA	NA	NA	NA	121	NA	NA	NA	NA	NA	1020	2450
CPT-26S	22-Jun-07	NA	NA	NA	NA	NA	116	NA	NA	NA	NA	NA	1130	2450
CPT-26S	28-Aug-07	NA	NA	NA	NA	NA	132	NA	NA	NA	NA	NA	947	1050
CPT-27S	20-Mar-07	NA	NA	NA	NA	NA	137	NA	NA	NA	NA	NA	1230	2850
CPT-28S	19-Mar-07	NA	NA	NA	NA	NA	107	NA	NA	NA	NA	NA	692	2140
CPT-28S	27-Jun-07	NA	NA	NA	NA	NA	103	NA	NA	NA	NA	NA	755	2060
CPT-28S	29-Aug-07	NA	NA	NA	NA	NA	107	NA	NA	NA	NA	NA	618	2010
CPT-29D	23-Mar-07	291	<2	<2	291	<1	97	<1	<1	10.9	<1	0.122	810	2130
CPT-29D	22-Jun-07	280	<2	<2	280	0.804	100	<0.5	<1	14.3 J	<1	<0.05	928	2090
CPT-29D	29-Aug-07	315	<2	<2	315	0.854	122	<0.5	<1	14.1	<0.5	<0.05	923	3010
CPT-29S	23-Mar-07	NA	NA	NA	NA	NA	126	NA	NA	NA	NA	NA	1050	2630
CPT-29S	22-Jun-07	NA	NA	NA	NA	NA	127	NA	NA	NA	NA	NA	1200	2770
CPT-29S	29-Aug-07	NA	NA	NA	NA	NA	171	NA	NA	NA	NA	NA	1140	3020
CPT-30S	23-Mar-07	306	<2	<2	306	1.05	143	<1	<1	21.6	<2	0.0869	1090	2840
CPT-30S	19-Jun-07	359	<2	<2	359	1.14	140	<0.5	<1	24.9	<1	0.068	1190	2880
CPT-30S	29-Aug-07	349	<2	<2	349	1.18	177	<0.5	<1	20.6	<5	0.059	1190	2870
CPT-31S	21-Mar-07	NA	NA	NA	NA	NA	75.8	NA	NA	NA	NA	NA	729	1770
CPT-31S	19-Jun-07	NA	NA	NA	NA	NA	58.4	NA	NA	NA	NA	NA	697	1620
CPT-31S	29-Aug-07	NA	NA	NA	NA	NA	58	NA	NA	NA	NA	NA	573	1460
CPT-32S	13-Mar-07	188	<2	<2	188	0.798	102	0.802	<1	18.1 J	<1	0.142	743	1760
CPT-32S	27-Jun-07	204	<2	<2	204	<0.5	73.9	0.812	<1	13.3	<1	<0.05	598	1410
CPT-32S	28-Aug-07	171	<2	<2	171	<0.5	133	<0.5	<1	23.2 J	<1	0.092	707	2060



**Table 3-6**  
**Inorganic Results for Groundwater Samples**

Location	Collection Date	Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	Alkalinity, Carbonate (as CO <sub>3</sub> )	Alkalinity, Hydroxide	Total Alkalinity (as CaCO <sub>3</sub> )	Bromide	Chloride	Fluoride	Iodide	Nitrate (as N)	Nitrite (as N)	Ortho-Phosphate (as P)	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-33S	22-Mar-07	NA	NA	NA	NA	NA	35.9	NA	NA	NA	NA	NA	187	732
CPT-33S	19-Jun-07	NA	NA	NA	NA	NA	37.3	NA	NA	NA	NA	NA	206	1030
CPT-33S	28-Aug-07	NA	NA	NA	NA	NA	36.6	NA	NA	NA	NA	NA	160	1040
CPT-34S	20-Mar-07	NA	NA	NA	NA	NA	229	NA	NA	NA	NA	NA	1300	3170
CPT-34S	19-Jun-07	NA	NA	NA	NA	NA	180	NA	NA	NA	NA	NA	1310	3150
CPT-35D	21-Mar-07	NA	NA	NA	NA	NA	94.9	NA	NA	NA	NA	NA	811	1930
CPT-35D	22-Jun-07	NA	NA	NA	NA	NA	65.4	NA	NA	NA	NA	NA	762	2020
CPT-35D	28-Aug-07	NA	NA	NA	NA	NA	77.1	NA	NA	NA	NA	NA	659	2090
CPT-35S	21-Mar-07	NA	NA	NA	NA	NA	62.5	NA	NA	NA	NA	NA	392	1410
CPT-35S	22-Jun-07	NA	NA	NA	NA	NA	66.2	NA	NA	NA	NA	NA	490	1540
CPT-35S	28-Aug-07	NA	NA	NA	NA	NA	62.6	NA	NA	NA	NA	NA	321	1500
CPT-36S	23-Mar-07	NA	NA	NA	NA	NA	92.7	NA	NA	NA	NA	NA	836	2090
CPT-36S	19-Jun-07	NA	NA	NA	NA	NA	79.6	NA	NA	NA	NA	NA	916	2130
CPT-36S	30-Aug-07	NA	NA	NA	NA	NA	87.7	NA	NA	NA	NA	NA	845	1880 J
CPT-37S	12-Mar-07	337	<2	<2	337	0.784	120	0.625	<1	16.6	<2	0.0568	1050	2370
CPT-38S	12-Mar-07	351	<2	<2	351	0.974	152	3.88	1.08	15.6	<2	0.0702	1300	2790
CPT-41D	19-Mar-07	NA	NA	NA	NA	NA	104	NA	NA	NA	NA	NA	1060	2460
CPT-41D	22-Jun-07	NA	NA	NA	NA	NA	91.5	NA	NA	NA	NA	NA	1070	2200
CPT-41D	29-Aug-07	NA	NA	NA	NA	NA	123	NA	NA	NA	NA	NA	1010	1930
CPT-41S	19-Mar-07	NA	NA	NA	NA	NA	135	NA	NA	NA	NA	NA	1620	3530
CPT-41S	22-Jun-07	NA	NA	NA	NA	NA	124	NA	NA	NA	NA	NA	1670	3490
CPT-41S	29-Aug-07	NA	NA	NA	NA	NA	159	NA	NA	NA	NA	NA	1630	3910
CPT-43S	23-Mar-07	353	<2	<2	353	<1	120	<1	<1	25	<2.5	0.1	1430	3400
CPT-43S	21-Jun-07	365	<2	<2	365	0.749	113	0.613	<1	28	<2	0.08	1570	3380
CPT-43S	30-Aug-07	359	<2	<2	359	1.2	147	0.549	<1	18.4 J	<5	0.089	1320	3350 J
CPT-44S	23-Mar-07	NA	NA	NA	NA	NA	163	NA	NA	NA	NA	NA	1480	3400
CPT-44S	19-Jun-07	NA	NA	NA	NA	NA	111	NA	NA	NA	NA	NA	1550	3500
CPT-44S	30-Aug-07	NA	NA	NA	NA	NA	199	NA	NA	NA	NA	NA	1540	3090 J
CPT-45D	21-Mar-07	295	<2	<2	295	<1	105	<1	<1	9.18 J	<1	<0.05	1010	2260
CPT-45D	22-Jun-07	334	<2	<2	334	0.621	95.9	<0.5	<1	10.1 J	<1	<0.05	1090	2500
CPT-45D	27-Aug-07	296	<2	<2	296	0.64	108	<0.5	<1	10.5 J	<0.5	0.058	973	2610
CPT-45S	21-Mar-07	NA	NA	NA	NA	NA	163	NA	NA	NA	NA	NA	2020	4270
CPT-45S	22-Jun-07	NA	NA	NA	NA	NA	153	NA	NA	NA	NA	NA	2740	4410
CPT-45S	27-Aug-07	NA	NA	NA	NA	NA	168	NA	NA	NA	NA	NA	2070	4880
CPT-46D	23-Mar-07	274	<2	<2	274	<1	89.2	<1	<1	7.38	<1	0.109	864	2130
CPT-46D	21-Jun-07	283	<2	<2	283	<0.5	71.7	<0.5	<1	6.26	<1	0.071	778	1980
CPT-46D	28-Aug-07	256	<2	<2	256	<0.5	100	<0.5	<1	5.21	1.52	<0.05	789	2820
CPT-46S	23-Mar-07	NA	NA	NA	NA	NA	121	NA	NA	NA	NA	NA	1600	3590
CPT-46S	21-Jun-07	NA	NA	NA	NA	NA	112	NA	NA	NA	NA	NA	1700	3520
CPT-46S	28-Aug-07	NA	NA	NA	NA	NA	152	NA	NA	NA	NA	NA	1620	2540
CPT-47S	12-Mar-07	351	<2	<2	351	0.649	92.5	0.813	1.48	10.2	<2	0.0568	605	1590
CPT-48S	20-Mar-07	456	<2	<2	456	1.64	226	<1	<1	13.6	<2	0.0685	1850	4470
CPT-48S	26-Jun-07	390	<2	<2	390	1.3	237	<0.5	<1	46	<2	<0.05	2200	4550
CPT-48S	29-Aug-07	379	<2	<2	379	1.39	280	<0.5	<1	36.1	<5	0.071	2070	4490
CPT-49S	20-Mar-07	NA	NA	NA	NA	NA	57.6	NA	NA	NA	NA	NA	405	1460
CPT-49S	26-Jun-07	NA	NA	NA	NA	NA	55	NA	NA	NA	NA	NA	485	1440
CPT-49S	29-Aug-07	NA	NA	NA	NA	NA	63.5	NA	NA	NA	NA	NA	477	1760 J

**Table 3-6**  
**Inorganic Results for Groundwater Samples**

Location	Collection Date	Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	Alkalinity, Carbonate (as CO <sub>3</sub> )	Alkalinity, Hydroxide	Total Alkalinity (as CaCO <sub>3</sub> )	Bromide	Chloride	Fluoride	Iodide	Nitrate (as N)	Nitrite (as N)	Ortho-Phosphate (as P)	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-50S	20-Mar-07	NA	NA	NA	NA	NA	206	NA	NA	NA	NA	NA	1760	3990
CPT-50S	19-Jun-07	NA	NA	NA	NA	NA	221	NA	NA	NA	NA	NA	2040	4260
CPT-50S	29-Aug-07	NA	NA	NA	NA	NA	289	NA	NA	NA	NA	NA	1670	3840
CPT-51S	22-Mar-07	213	<2	<2	213	<1	102	<1	<1	23.3	2.15	<0.05	927	2530
CPT-52S	22-Mar-07	NA	NA	NA	NA	NA	103	NA	NA	NA	NA	NA	1010	2450
CPT-52S	21-Jun-07	NA	NA	NA	NA	NA	107	NA	NA	NA	NA	NA	1120	2670
CPT-52S	27-Aug-07	NA	NA	NA	NA	NA	126	NA	NA	NA	NA	NA	1040	2780 J
CPT-53S	20-Mar-07	219	<2	<2	219	<1	45.2	<1	<1	<2	<2	0.0535	1100	2310
CPT-53S	26-Jun-07	225	<2	<2	225	<0.5	53.7	0.705	<1	1.75	<1	<0.05	1230	2370
CPT-53S	29-Aug-07	241	<2	<2	241	<0.5	48.5	0.593	<1	1.01	<0.5	0.087	1120	3260
CPT-54S	23-Mar-07	349	<2	<2	349	<1	82.1	1.22	<1	6.22	<1	0.105	1730	3620
CPT-54S	22-Jun-07	307	<2	<2	307	0.557	81.3	0.929	<1	6.24 J	<1	0.12	2030	3560
CPT-54S	30-Aug-07	348	<2	<2	348	0.741	86.2	0.647	<1	6.42 J	<0.5	0.16	1860	3580 J
CPT-55S	22-Mar-07	NA	NA	NA	NA	NA	136	NA	NA	NA	NA	NA	968	2700
CPT-55S	18-Jun-07	NA	NA	NA	NA	NA	99.7	NA	NA	NA	NA	NA	808	2130
CPT-55S	29-Aug-07	NA	NA	NA	NA	NA	59.7	NA	NA	NA	NA	NA	271	1090 J
CPT-56S	22-Mar-07	358	<2	<2	358	1.06	82.8	<1	<1	12.9	<1	0.0736	662	1930
CPT-56S	22-Jun-07	371	<2	<2	371	0.779	75.8	0.697	<1	14.1 J	<1	<0.05	653	1930
CPT-56S	28-Aug-07	354	<2	<2	354	0.727	95.7	0.581	<1	14.5 J	<0.5	0.087	690	2190
CPT-57R	21-Mar-07	NA	NA	NA	NA	NA	105	NA	NA	NA	NA	NA	2030	3930
CPT-57R	21-Jun-07	NA	NA	NA	NA	NA	106	NA	NA	NA	NA	NA	2140	4020
CPT-57R	29-Aug-07	NA	NA	NA	NA	NA	116	NA	NA	NA	NA	NA	2120	3970
CPT-57S	21-Mar-07	NA	NA	NA	NA	NA	161	NA	NA	NA	NA	NA	1810	3840
CPT-57S	21-Jun-07	NA	NA	NA	NA	NA	188	NA	NA	NA	NA	NA	2050	4070
CPT-57S	29-Aug-07	NA	NA	NA	NA	NA	148	NA	NA	NA	NA	NA	1980	4310
CPT-58S	20-Mar-07	214	<2	<2	214	<1	70.3	<1	<1	6.62	<2	<0.05	1350	2850
CPT-58S	26-Jun-07	230	<2	<2	230	0.553	63.1	0.722	<1	6.26	<1	<0.05	1480	2580
CPT-58S	29-Aug-07	246	<2	<2	246	0.583	77.5	0.585	<1	4.46	3.24	0.11	1440	2930
CPT-59S	22-Mar-07	NA	NA	NA	NA	NA	81.9	NA	NA	NA	NA	NA	392	1400
CPT-59S	20-Jun-07	NA	NA	NA	NA	NA	75.7	NA	NA	NA	NA	NA	414	1320
CPT-59S	28-Aug-07	NA	NA	NA	NA	NA	92.2	NA	NA	NA	NA	NA	345	1140
CPT-60S	22-Mar-07	361	<2	<2	361	<1	104	<1	<1	7.74	2.03	<0.05	1270	2880
CPT-60S	20-Jun-07	354	<2	<2	354	0.591	86.1	0.732	<1	11.1	<1	<0.05	1370	3050
CPT-60S	28-Aug-07	353	<2	<2	353	0.581	116	<0.5	<1	12.5 J	<0.5	<0.05	1310	3240
CPT-61S	21-Mar-07	NA	NA	NA	NA	NA	213	NA	NA	NA	NA	NA	1520	3310
CPT-61S	19-Jun-07	NA	NA	NA	NA	NA	185	NA	NA	NA	NA	NA	1720	3890
CPT-61S	29-Aug-07	NA	NA	NA	NA	NA	296	NA	NA	NA	NA	NA	1980	4540 J
CPT-62S	21-Mar-07	328	<2	<2	328	<1	85.7	1.09	<1	6.16 J	<1	<0.05	1790	3450
CPT-62S	26-Jun-07	345	<2	<2	345	0.56	98.4	0.765	<1	7.84	<1	<0.05	2010	3670
CPT-62S	27-Aug-07	339	<2	<2	339	0.6	89.8	0.543	<1	7.95 J	<0.5	0.099	1800	3980
CPT-63S	19-Mar-07	NA	NA	NA	NA	NA	93.9	NA	NA	NA	NA	NA	750	2080
CPT-63S	19-Jun-07	NA	NA	NA	NA	NA	78.2	NA	NA	NA	NA	NA	783	2170
CPT-63S	29-Aug-07	NA	NA	NA	NA	NA	68.9	NA	NA	NA	NA	NA	576	1770 J
CPT-64S	22-Mar-07	394	<2	<2	394	1.34	246	<1	<1	73.5	2.36	0.167	761	3010
CPT-64S	22-Jun-07	385	<2	<2	385	1.36	251	<0.5	<1	81.6 J	<2	0.11	882	3130
CPT-64S	29-Aug-07	381	<2	<2	381	1.27	281	<0.5	<1	112 J	<0.5	0.078	686 J	4450

**Table 3-6**  
**Inorganic Results for Groundwater Samples**

Location	Collection Date	Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	Alkalinity, Carbonate (as CO <sub>3</sub> )	Alkalinity, Hydroxide	Total Alkalinity (as CaCO <sub>3</sub> )	Bromide	Chloride	Fluoride	Iodide	Nitrate (as N)	Nitrite (as N)	Ortho-Phosphate (as P)	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-65S	23-Mar-07	383	<2	<2	383	<1	115	<1	<1	9.81	2.33	0.0953	1780	3790
CPT-65S	22-Jun-07	415	<2	<2	415	1.05	124	0.662	<1	13.9 J	<1	0.075	2060	1710
CPT-65S	28-Aug-07	399	<2	<2	399	0.757	124	0.59	<1	29.8 J	<0.5	0.14	1780	4460
CPT-66S	20-Mar-07	271	<2	<2	271	<1	86.8	<1	<1	11.6	<2	0.0669	791	2060
CPT-66S	22-Jun-07	298	<2	<2	298	0.687	121	0.643	<1	13 J	<1	0.058	1040	2110
CPT-66S	28-Aug-07	274	<2	<2	274	0.563	106	0.568	<1	10.7 J	<0.5	0.13	759	1480
CPT-67S	22-Mar-07	NA	NA	NA	NA	NA	79.6	NA	NA	NA	NA	NA	422	1260
CPT-67S	18-Jun-07	NA	NA	NA	NA	NA	74.8	NA	NA	NA	NA	NA	493	1200
CPT-67S	29-Aug-07	NA	NA	NA	NA	NA	70.5	NA	NA	NA	NA	NA	307	900
CPT-68S	23-Mar-07	NA	NA	NA	NA	NA	80.8	NA	NA	NA	NA	NA	753	2110
CPT-69S	22-Mar-07	296	<2	<2	296	<1	80.2	<1	<1	6.67	1.98	0.147	402	1360
CPT-69S	22-Jun-07	300	<2	<2	300	0.508	76.3	0.523	<1	8.97 J	<1	0.051	444	1310
CPT-69S	29-Aug-07	298	<2	<2	298	<0.5	89	<0.5	<1	11.2 J	<0.5	0.11	405	1510
CPT-70S	22-Mar-07	NA	NA	NA	NA	NA	68.7	NA	NA	NA	NA	NA	634	2080
CPT-70S	18-Jun-07	NA	NA	NA	NA	NA	67.7	NA	NA	NA	NA	NA	669	2020
CPT-70S	29-Aug-07	NA	NA	NA	NA	NA	73.8	NA	NA	NA	NA	NA	532	1750
CPT-71S	12-Mar-07	308	<2	<2	308	0.504	82.6	3.54	2.8	6.7	<2	0.0535 J	1370	2720
CPT-71S	12-Mar-07	330	<50	NA	330	NA	91	0.59	NA	9.1	<0.5	1.5 J	1500	2800
CPT-72S	22-Mar-07	388	<2	<2	388	1.15	136	<1	<1	20.4	<1	<0.05	788	2330
CPT-72S	20-Jun-07	408	<2	<2	408	1.11	133	0.674	<1	20.5	<1	<0.05	818	2380
CPT-72S	28-Aug-07	383	<2	<2	383	1.24	82.5	0.64	<1	22 J	<0.5	0.059	868	2620
CPT-74S	20-Mar-07	NA	NA	NA	NA	NA	325	NA	NA	NA	NA	NA	1360	3940
CPT-74S	18-Jun-07	NA	NA	NA	NA	NA	286	NA	NA	NA	NA	NA	1530	910
CPT-74S	29-Aug-07	NA	NA	NA	NA	NA	365	NA	NA	NA	NA	NA	1360	3790
CPT-84S	20-Mar-07	325	<2	<2	325	1.11	122	<1	<1	14.1	<2	<0.05	1980	3910
CPT-84S	20-Jun-07	371	<2	<2	371	0.972	123	<0.5	<1	17.2	<1	0.087	2060	4520
CPT-84S	29-Aug-07	369	<2	<2	369	0.942	116	<0.5	<1	19.9	<0.5	0.061	1900	3850
CPT-85S	23-Mar-07	450	<2	<2	450	<1	121	<1	<1	22	<1	<0.05	1400	3450
CPT-85S	22-Jun-07	407	<2	<2	407	0.732	104	<0.5	<1	25.4 J	<2	0.089	2280	979
CPT-85S	29-Aug-07	377	<2	<2	377	0.717	118	<0.5	<1	22.5 J	<5	<0.05	1800	4730
CPT-86S	20-Mar-07	271	<2	<2	271	<1	117	<1	<1	34.7	<2	<0.05	1500	3390
CPT-86S	20-Jun-07	304	<2	<2	304	0.859	147	<0.5	<1	40	<2	0.075	1650	3890
CPT-86S	29-Aug-07	299	<2	<2	299	0.836	121	<0.5	<1	27.9 J	<5	0.07	1540	3620
CPT-87S	22-Mar-07	NA	NA	NA	NA	NA	119	NA	NA	NA	NA	NA	1180	2930
CPT-87S	26-Jun-07	NA	NA	NA	NA	NA	108	NA	NA	NA	NA	NA	1290	2800
CPT-87S	29-Aug-07	NA	NA	NA	NA	NA	129	NA	NA	NA	NA	NA	1150	2930
CPT-88S	21-Mar-07	190	<2	<2	190	<1	32.5	1.01	<1	2.83 J	<1	0.0619	166	606
CPT-88S	21-Jun-07	181	<2	<2	181	<0.5	31	0.742	<1	2.92	<1	0.14	171	619
CPT-88S	28-Aug-07	176	<2	<2	176	<0.5	34.7	<0.5	<1	2.9 J	<0.5	0.12	148	836
CPT-89S	22-Mar-07	342	<2	<2	342	<1	128	<1	<1	10.8	<1	0.0719	1190	2830
CPT-89S	21-Jun-07	358	<2	<2	358	0.634	117	0.824	<1	10	<1	0.099	1280	2760
CPT-89S	30-Aug-07	335	<2	<2	335	<0.5	107	0.672	<1	12 J	<0.5	0.089	1290	2700 J
CPT-90S	22-Mar-07	NA	NA	NA	NA	NA	22.8	NA	NA	NA	NA	NA	230	737
CPT-90S	21-Jun-07	NA	NA	NA	NA	NA	16.3	NA	NA	NA	NA	NA	193	698
CPT-90S	28-Aug-07	NA	NA	NA	NA	NA	18.7	NA	NA	NA	NA	NA	140	742

**Table 3-6**  
**Inorganic Results for Groundwater Samples**

Location	Collection Date	Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	Alkalinity, Carbonate (as CO <sub>3</sub> )	Alkalinity, Hydroxide	Total Alkalinity (as CaCO <sub>3</sub> )	Bromide	Chloride	Fluoride	Iodide	Nitrate (as N)	Nitrite (as N)	Ortho-Phosphate (as P)	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CPT-91S	21-Mar-07	370	<2	<2	370	<1	114	<1	<1	7.37 J	1.44 J	<0.05	1980	3820
CPT-91S	21-Jun-07	368	<2	<2	368	0.643	107	0.778	<1	9.3	<1	0.089	2080	3970
CPT-91S	29-Aug-07	353	<2	<2	353	0.605	107	0.545	<1	8.77 J	0.564	0.097	1900	2550
H100	12-Mar-07	318	<2	<2	318	0.561	112	3.92	<1	7.79	<2	<0.05	1480	3240
H100	21-Jun-07	326	<2	<2	326	0.592	96.9	<0.5	<1	8.62	<1	<0.05	1690	3460
H100	27-Aug-07	330	<2	<2	330	1.21	115	<0.5	<1	9.34 J	<0.5	<0.05	1850	3510
H101	23-Mar-07	391	<2	<2	391	<1	95.3	<1	<1	12.3	<1	<0.05	1340	3120
H101	21-Jun-07	364	<2	<2	364	0.604	83.2	<0.5	<1	13.9	<1	<0.05	1340	2940
H101	27-Aug-07	327	<2	<2	327	0.577	97.8	<0.5	<1	15.6 J	<0.5	<0.05	1240	2970 J
H34	23-Mar-07	291	<2	<2	291	<1	81.8	<1	<1	15.2	<1	<0.05	719	1980
H34	19-Jun-07	296	<2	<2	296	0.694	85.2	0.599	<1	18.4	<1	<0.05	824	2110
H34	27-Aug-07	292	<2	<2	292	0.681	102	<0.5	<1	19.5 J	<0.5	<0.05	976	2420
H38	19-Mar-07	178	<2	<2	178	<0.5	2.41	0.966	<1	2.03 J	<0.5	0.0535	25.4	251
H52/57	19-Mar-07	NA	NA	NA	NA	NA	97.3	NA	NA	NA	NA	NA	1060	2430
H52/57	19-Jun-07	302	<2	<2	302	0.612	93.8	<0.5	<1	10.7	<1	<0.05	1110	2700
H52/57	27-Aug-07	293	<2	<2	293	0.621	111	<0.5	<1	12 J	<0.5	<0.05	1090	2650
H61	19-Mar-07	NA	NA	NA	NA	NA	95.5	NA	NA	NA	NA	NA	946	2270
H61	19-Jun-07	231	<2	<2	231	0.659	90.3	0.676	<1	8.79	<1	<0.05	1050	2380
H61	27-Aug-07	234	<2	<2	234	0.563	96.8	0.619	<1	9.17 J	<0.5	<0.05	1000	2500
H62/63	19-Mar-07	326	<2	<2	326	0.658	93.3	2.44	<1	9.29	<2.5	<0.05	1220	2730
H62/63	19-Jun-07	308	<2	<2	308	0.705	85.1	0.537	<1	11.2	<1	<0.05	1300	2730
H62/63	27-Aug-07	299	<2	<2	299	0.701	99.7	<0.5	<1	12.6	<0.5	<0.05	1190	2950
H64/65	19-Mar-07	305	<2	<2	305	0.619	87.6	2.36	<1	9.04	<2.5	<0.05	1070	2380
H64/65	21-Jun-07	333	<2	<2	333	0.65	79.8	<0.5	<1	11.1	<1	<0.05	1160	2570
H64/65	28-Aug-07	315	<2	<2	315	0.631	106	<0.5	<1	10.9 J	<0.5	0.065	1250	2860
H66	19-Mar-07	351	<2	<2	351	0.693	96.2	3.85	<1	12.7	<2.5	<0.05	1250	2920
H66	21-Jun-07	357	<2	<2	357	0.735	87.8	<0.5	<1	15.2	<1	<0.05	1320	2860
H66	27-Aug-07	312	<2	<2	312	0.781	107	0.517	<1	18.8 J	<0.5	<0.05	1270	3080
H67	23-Mar-07	340	<2	<2	340	1.12	156	<1	<1	21.1	<2	<0.05	1420	3490
H67	21-Jun-07	303	<2	<2	303	0.944	158	<0.5	<1	23.3	<1	<0.05	1630	3420
H67	28-Aug-07	313	<2	<2	313	1.11	193	<0.5	<1	17.9 J	<5	0.054	1550	3610
H98	23-Mar-07	284	<2	<2	284	<1	117	<1	<1	21.6	<1	<0.05	1490	3380
H98	21-Jun-07	342	<2	<2	342	0.937	122	<0.5	<1	26	<2	<0.05	1740	3620
H98	27-Aug-07	272	<2	<2	272	0.872	135	<0.5	<1	26.7 J	<0.5	<0.05	1710	3630
L59	23-Mar-07	280	<2	<2	280	<1	91.8	<1	<1	11.5	<2	<0.05	927	2350
L59	21-Jun-07	311	<2	<2	311	0.829	86.7	0.508	<1	12.6	<1	<0.05	1040	2450
L59	27-Aug-07	303	<2	<2	303	0.801	98.9	0.511	<1	14.8 J	<0.5	<0.05	1220	2750
WMSWP	18-Apr-07	164	<2	<2	164	<1	33.2	<1	<1	2.6	<0.5	0.0652	199	671

< indicates the analyte was not detected above the associated reporting limit.  
J indicates that the associated value is considered to be an estimated quantity.  
mg/L = milligrams per liter  
NA = not analyzed  
WMSWP = Wind Mill Southwest of Plant

**Table 3-7**  
**BTEX Results for Groundwater Samples**

Location	Collection Date	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Toluene	Xylenes (total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CPT-05S	19-Jun-07	<1	<1	<1	<1	<1	<1
CPT-05S	28-Aug-07	<1	<1	<1	<1	<1	<1
CPT-05S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-05S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-05S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-06S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-09S	18-Jun-07	<1	<1	<1	<1	<1	<1
CPT-09S	28-Aug-07	<1	<1	<1	<1	<1	<1
CPT-09S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-09S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-09S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-10S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-11S	21-Jun-07	3	<1	<1	<1	<1	<1
CPT-11S	28-Aug-07	2	<1	<1	<1	<1	<1
CPT-11S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-11S	6-Nov-07	5	<1	<1	<1	<1	<1
CPT-11S	18-Mar-08	3	<1	<1	<1	<1	<1
CPT-12S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-15S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-17S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-18S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-22S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-23S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-23S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-24S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-24S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-24S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-25S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-25S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-26D	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-26D	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-26D	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-26S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-26S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-26S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-27S	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-27S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-27S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-29D	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-29D	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-29D	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-29S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-29S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-29S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-30S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-30S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-30S	19-Mar-08	<1	<1	<1	<1	<1	<1

**Table 3-7**  
**BTEX Results for Groundwater Samples**

Location	Collection Date	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Toluene	Xylenes (total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CPT-31S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-31S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-31S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-32S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-34S	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-34S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-34S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-35D	22-Jun-07	<1	<1	<1	<1	<1	<1
CPT-35D	28-Aug-07	<1	<1	<1	<1	<1	<1
CPT-35D	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-35D	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-35D	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-35S	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-35S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-35S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-36S	19-Jun-07	<1	<1	<1	<1	<1	<1
CPT-36S	30-Aug-07	<1	<1	<1	<1	<1	<1
CPT-36S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-36S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-36S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-37S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-37S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-38S	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-38S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-41D	22-Jun-07	6	<1	<1	<1	<1	<1
CPT-41D	29-Aug-07	3	<1	<1	<1	<1	<1
CPT-41D	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-41D	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-41S	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-41S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-41S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-43S	21-Jun-07	<1	<1	<1	<1	<1	<1
CPT-43S	30-Aug-07	<1	<1	<1	<1	<1	<1
CPT-43S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-43S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-43S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-44S	19-Jun-07	<1	<1	<1	<1	<1	<1
CPT-44S	30-Aug-07	<1	<1	<1	<1	<1	<1
CPT-44S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-44S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-44S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-45D	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-45D	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-45D	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-45S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-45S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-45S	18-Mar-08	<1	<1	<1	<1	<1	<1



**Table 3-7**  
**BTEX Results for Groundwater Samples**

Location	Collection Date	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Toluene	Xylenes (total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CPT-46D	21-Jun-07	4	<1	<1	<1	<1	<1
CPT-46D	28-Aug-07	4	<1	<1	<1	<1	<1
CPT-46D	27-Sep-07	2	<1	<1	<1	<1	<1
CPT-46D	7-Nov-07	2	<1	<1	<1	<1	<1
CPT-46D	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-46S	21-Jun-07	<1	<1	<1	<1	<1	<1
CPT-46S	30-Aug-07	<1	<1	<1	<1	<1	<1
CPT-46S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-46S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-46S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-47S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-49S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-49S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-49S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-50S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-50S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-50S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-52S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-53S	26-Jun-07	<1	<1	<1	<1	<1	<1
CPT-53S	29-Aug-07	<1	<1	<1	<1	<1	<1
CPT-53S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-53S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-53S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-54S	30-Aug-07	<1	<1	<1	<1	<1	<1
CPT-54S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-54S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-54S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-57R	21-Jun-07	<1	<1	<1	<1	<1	<1
CPT-57R	29-Aug-07	<1	<1	<1	<1	<1	<1
CPT-57R	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-57R	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-57R	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-57S	27-Jun-07	<1	<1	<1	<1	<1	<1
CPT-58S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-58S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-58S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-60S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-60S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-62S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-62S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-62S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-63S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-63S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-63S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-64S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-64S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-65S	27-Sep-07	<1	<1	<1	<1	<1	<1

**Table 3-7**  
**BTEX Results for Groundwater Samples**

Location	Collection Date	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Toluene	Xylenes (total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
CPT-65S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-65S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-71S	26-Sep-07	<1	<1	<1	<1	<1	<1
CPT-71S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-74S	25-Sep-07	<1	<1	<1	<1	<1	<1
CPT-74S	7-Nov-07	<1	<1	<1	<1	<1	<1
CPT-84S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-84S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-84S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-85S	22-Jun-07	<1	<1	<1	<1	<1	<1
CPT-85S	29-Aug-07	<1	<1	<1	<1	<1	<1
CPT-85S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-85S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-85S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-86S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-86S	6-Nov-07	<1	<1	<1	<1	<1	<1
CPT-86S	17-Mar-08	<1	<1	<1	<1	<1	<1
CPT-88S	18-Mar-08	<1	<1	<1	<1	<1	<1
CPT-89S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-89S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-89S	19-Mar-08	<1	<1	<1	<1	<1	<1
CPT-90S	8-Nov-07	<1	<1	<1	<1	<1	<1
CPT-91S	21-Jun-07	<1	<1	<1	<1	<1	<1
CPT-91S	29-Aug-07	<1	<1	<1	<1	<1	<1
CPT-91S	27-Sep-07	<1	<1	<1	<1	<1	<1
CPT-91S	7-Nov-07	<1	<1	<1	<1	<1	<1
H100	21-Jun-07	3	<1	<1	<1	<1	<1
H100	27-Aug-07	2	<1	<1	<1	<1	<1
H100	25-Sep-07	2	<1	<1	<1	<1	<1
H100	7-Nov-07	2	<1	<1	<1	<1	<1
H100	18-Mar-08	<1	<1	<1	<1	<1	<1
H101	25-Sep-07	<1	<1	<1	<1	<1	<1
H101	7-Nov-07	<1	<1	<1	<1	<1	<1
H101	19-Mar-08	<1	<1	<1	<1	<1	<1
H59W	27-Sep-07	<1	<1	<1	<1	<1	<1
H62/63	27-Sep-07	<1	<1	<1	<1	<1	<1
H62/63	7-Nov-07	<1	<1	<1	<1	<1	<1
H62/63	18-Mar-08	<1	<1	<1	<1	<1	<1
H64/65	27-Sep-07	<1	<1	<1	<1	<1	<1
H64/65	7-Nov-07	<1	<1	<1	<1	<1	<1
H64/65	18-Mar-08	<1	<1	<1	<1	<1	<1
H66	27-Sep-07	<1	<1	<1	<1	<1	<1
H66	7-Nov-07	<1	<1	<1	<1	<1	<1
H66	18-Mar-08	<1	<1	<1	<1	<1	<1
H98	27-Sep-07	<1	<1	<1	<1	<1	<1
H98	7-Nov-07	<1	<1	<1	<1	<1	<1
H98	18-Mar-08	<1	<1	<1	<1	<1	<1



**Table 3-7**  
**BTEX Results for Groundwater Samples**

Location	Collection Date	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Toluene	Xylenes (total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
L59	21-Jun-07	<1	<1	<1	<1	<1	<1
L59	27-Aug-07	<1	<1	<1	<1	<1	<1
L59	27-Sep-07	<1	<1	<1	<1	<1	<1
L59	7-Nov-07	<1	<1	<1	<1	<1	<1

< indicates the analyte was not detected above the associated reporting limit.

µg/L = micrograms per liter

BTEX = benzene, toluene, ethylbenzene, and xylenes.

Bolded value indicates exceedance of the Colorado Basic Groundwater Standard.

**Table 3-8**  
**Final Piezometer Disposition**

<b>Piezometer</b>	<b>Retained in Monitoring Network?</b>	<b>Final Disposition</b>
CPT- 07S	No	Abandoned in January 2008
CPT- 14S	No	Abandoned in January 2008
CPT- 61S	No	Abandoned in January 2008
CPT- 23S	No	Abandoned in January 2008
CPT- 16S	No	Abandoned in January 2008
CPT- 52S	No	Abandoned in January 2008
CPT- 38S	No	Abandoned in January 2008
CPT- 21S	No	Abandoned in January 2008
CPT- 71S	No	Abandoned in January 2008
CPT- 37S	No	Abandoned in January 2008
CPT- 47S	No	Abandoned in January 2008
CPT- 25S	No	Abandoned in January 2008
CPT- 74S	No	Abandoned in January 2008
CPT- 64S	No	Abandoned in January 2008
CPT- 72S	No	Abandoned in January 2008
CPT- 59S	No	Abandoned in January 2008
CPT- 68S	No	Abandoned in January 2008
CPT- 48S	No	Abandoned in January 2008
CPT- 55S	No	Abandoned in January 2008
CPT- 28S	No	Abandoned in January 2008
CPT- 08S	No	Abandoned in January 2008
CPT- 13S	No	Abandoned in January 2008
CPT- 90S	No	Abandoned in January 2008
CPT- 02S	No	Abandoned in January 2008
CPT- 03S	No	Abandoned in January 2008
CPT- 04S	No	Abandoned in January 2008
CPT- 01S	No	Abandoned in January 2008
CPT- 56S	No	Abandoned in January 2008
CPT- 66S	No	Abandoned in January 2008
CPT- 67S	No	Abandoned in January 2008
CPT- 69S	No	Abandoned in January 2008
CPT- 70S	No	Abandoned in January 2008
CPT- 33S	No	Abandoned in January 2008
CPT- 87S	No	Abandoned in January 2008
CPT- 91S	No	Abandoned in January 2008
CPT- 05S	No	Abandoned in April 2008
CPT- 06S	No	Abandoned in April 2008
CPT- 12S	No	Abandoned in April 2008
CPT- 22S	No	Abandoned in April 2008
CPT- 24S	No	Abandoned in April 2008
CPT- 26D	No	Abandoned in April 2008
CPT- 27S	No	Abandoned in April 2008
CPT- 29D	No	Abandoned in April 2008
CPT- 29S	No	Abandoned in April 2008
CPT- 30S	No	Abandoned in April 2008
CPT- 31S	No	Abandoned in April 2008
CPT- 32S	No	Abandoned in April 2008
CPT- 45D	No	Abandoned in April 2008

**Table 3-8  
Final Piezometer Disposition**

<b>Piezometer</b>	<b>Retained in Monitoring Network?</b>	<b>Final Disposition</b>
CPT- 45S	No	Abandoned in April 2008
CPT- 57S	No	Abandoned in April 2008
CPT- 65S	No	Abandoned in April 2008
CPT- 86S	No	Abandoned in April 2008
CPT- 88S	No	Abandoned in April 2008
CPT- 89S	No	Abandoned in April 2008
CPT- 51S	No	Lost
CPT- 20S	No	Lost
CPT- 19S	No	Lost
CPT- 09S	Yes	Added Surface Completion in April 2008
CPT- 10S	Yes	Added Surface Completion in April 2008
CPT- 11S	Yes	Added Surface Completion in April 2008
CPT- 15S	Yes	Added Surface Completion in April 2008
CPT- 17S	Yes	Added Surface Completion in April 2008
CPT- 18S	Yes	Added Surface Completion in April 2008
CPT- 26S	Yes	Added Surface Completion in April 2008
CPT- 34S	Yes	Added Surface Completion in April 2008
CPT- 35D	Yes	Added Surface Completion in April 2008
CPT- 35S	Yes	Added Surface Completion in April 2008
CPT- 36S	Yes	Added Surface Completion in April 2008
CPT- 41D	Yes	Added Surface Completion in April 2008
CPT- 41S	Yes	Added Surface Completion in April 2008
CPT- 43S	Yes	Added Surface Completion in April 2008
CPT- 44S	Yes	Added Surface Completion in April 2008
CPT- 46D	Yes	Added Surface Completion in April 2008
CPT- 46S	Yes	Added Surface Completion in April 2008
CPT- 49S	Yes	Added Surface Completion in April 2008
CPT- 50S	Yes	Added Surface Completion in April 2008
CPT- 53S	Yes	Added Surface Completion in April 2008
CPT- 54S	Yes	Added Surface Completion in April 2008
CPT- 57R	Yes	Added Surface Completion in April 2008
CPT- 58S	Yes	Added Surface Completion in April 2008
CPT- 60S	Yes	Added Surface Completion in April 2008
CPT- 62S	Yes	Added Surface Completion in April 2008
CPT- 63S	Yes	Added Surface Completion in April 2008
CPT- 84S	Yes	Added Surface Completion in April 2008
CPT- 85S	Yes	Added Surface Completion in April 2008

<b>Total Piezometers Retained</b>	28
<b>Total Piezometers Abandoned</b>	54
<b>Total Piezometers Lost</b>	3
<b>Total Piezometers Installed</b>	<hr/> 85

All January abandonments were completed by January 10, 2008.

"Lost" piezometers were converted to sub-grade completions for irrigation season.

Several attempts to locate these piezometers were unsuccessful.

All April abandonments and surface completions were completed by April 16, 2008.

**Table 3-9  
Piezometer Redevelopment Summary**

<b>Piezometer Number</b>	<b>Piezometer Set Depth (ft bgs)</b>	<b>Date Airlifted</b>	<b>DTW (ft btoc)</b>	<b>Initial Well Depth (ft btoc)</b>	<b>Final Well Depth (ft btoc)</b>	<b>Difference (ft)</b>	<b>Corrected Initial Depth (ft btoc)</b>	<b>Corrected Final Depth (ft btoc)</b>	<b>Comments</b>
CPT- 09S	30	6/17/08	16.55	27.63	28.13	0.50	27.89	28.39	Well Damaged at top of screen. Could get airline down to 33', but not water level tape.
CPT- 10S	35	6/17/08	18.68	37.43	37.65	0.22	37.69	37.91	
CPT- 11S	25	6/17/08	18.62	29.61	29.85	0.24	29.87	30.11	
CPT- 15S	40	6/17/08	18.92	42.22	43.20	0.98	42.48	43.46	
CPT- 17S	50	6/17/08	30.22	47.68	48.01	0.33	47.94	48.27	
CPT- 18S	58	6/16/08	NA	52.15	55.16	3.01	52.41	55.42	
CPT- 26S	50	6/16/08	31.58	51.83	52.57	0.74	52.09	52.83	
CPT- 34S	55	6/16/08	30.86	56.05	58.08	2.03	56.31	58.34	
CPT- 35D	83	6/16/08	27.82	74.95	80.03	5.08	75.21	80.29	
CPT- 35S	60	6/16/08	27.41	58.38	59.40	1.02	58.64	59.66	
CPT- 36S	45	6/16/08	NA	46.64	47.81	1.17	46.90	48.07	
CPT- 41D	84	6/16/08	27.66	82.07	82.42	0.35	82.33	82.68	
CPT- 41S	55	6/16/08	27.95	53.40	54.56	1.16	53.66	54.82	
CPT- 43S	45	6/16/08	28.10	46.28	47.61	1.33	46.54	47.87	
CPT- 44S	45	6/16/08	26.71	37.77	47.71	9.94	38.03	47.97	Well damaged in screen, allowing sediment to come into well.
CPT- 46D	85	6/16/08	27.65	85.21	87.32	2.11	85.47	87.58	
CPT- 46S	45	6/16/08	27.74	43.10	44.12	1.02	43.36	44.38	

**Table 3-9  
Piezometer Redevelopment Summary**

<b>Piezometer Number</b>	<b>Piezometer Set Depth (ft bgs)</b>	<b>Date Airlifted</b>	<b>DTW (ft btoc)</b>	<b>Initial Well Depth (ft btoc)</b>	<b>Final Well Depth (ft btoc)</b>	<b>Difference (ft)</b>	<b>Corrected Initial Depth (ft btoc)</b>	<b>Corrected Final Depth (ft btoc)</b>	<b>Comments</b>
CPT- 49S	55	6/17/08	34.37	57.28	57.91	0.63	57.54	58.17	
CPT- 50S	50	6/16/08	38.98	51.95	53.32	1.37	52.21	53.58	
CPT- 53S	50	6/16/08	29.51	51.21	52.36	1.15	51.47	52.62	
CPT- 54S	45	6/17/08	28.64	46.98	47.58	0.60	47.24	47.84	
CPT- 57R	45	6/17/08	29.17	46.68	47.96	1.28	46.94	48.22	
CPT- 58S	50	6/17/08	30.45	51.72	52.16	0.44	51.98	52.42	
CPT- 60S	45	6/16/08	26.09	47.54	47.72	0.18	47.80	47.98	
CPT- 62S	50	6/17/08	28.21	50.64	52.02	1.38	50.90	52.28	
CPT- 63S	55	6/17/08	33.58	55.39	58.43	3.04	55.65	58.69	
CPT- 84S	50	6/17/08	29.01	47.77	47.83	0.06	48.03	48.09	Well bent in upper 20 ft. Could not get bailer out that is stuck in well bottom.
CPT- 85S	45	6/17/08	29.06	47.03	48.12	1.09	47.29	48.38	

ft = feet

bgs = below ground surface

btoc = below top of casing

Difference = this value reflects amount of sediment removed by re-development