APPENDIX D

WELL DEVELOPMENT LOGS

Groundwater Well Development Log

Fort McClellan , Alabama

PROJECT: 774645 COST CODE: 01020300 DELIVERY ORDER CK05

TE ID: LOCATION ID: PBMP-231-GP01 (Well Number) Static Water Level: 20.61 ft

rge Purge Volume: 3.3 gal WELL DEPTH: 40.70 (ft from TOC) Well Casing Diameter: (opt) 2" Recovery Depth: 35.0'

20.09 H2O Column

Date 1999	Time 24hr	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. mMhos/cm	Turbidity (NTU)	Dissolved oxygen (mg/L)	Redox (mV)	Prepared By:	Water Description
2-25	14:10		24.17	1	16.1	5.92	.072	>1K	4.33		TM	REDDISH/ORANGE
	14:13		30.19	5	16.6	5.40	.053	>1K	4.39			"
	14:22		34.01	10	16.6	5.71	.059	>1K	5.55			"
	14:44		>40.22	15	16.5	5.63	.043	>1K	5.27			" WELL IS DRY
	15:43		30.61	15.5	15.6	5.76	.046	>1K	5.87			REDDISH
	16:05		33.76	18	15.9	5.89	.041	688	7.35			" CLEARING
	16:32		35.87	20	15.5	5.91	.044	755	7.10			LIGHT RED
	17:03		37.03	22	15.5	5.65	.030	212	6.15			CLOUDY STOPPED FOR THE DAY
3-1	09:00		21.98	22.25	13.3	5.61	.056	>1K	6.62			REDDISH
	09:40		25.91	24	16.4	5.59	.029	71	6.15			CLOUDY PUMP STOPPED
	11:51		22.73	26	16.9	5.59	.030	189	6.63			CLOUDY

Groundwater Well Development Log

Fort McClellan , Alabama

PROJECT: 774645 COST CODE: 01020300 DELIVERY ORDER CK05

E ID: LOCATION ID: PPMP-231-GP41 (Well Number) Static Water Level: _____ ft

ge Purge Volume: _____ gal WELL DEPTH: _____ (ft from TOC) Well Casing Diameter: (opt) _____ Recovery Depth: _____

Date 1998	Time 24hr	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. mMhos/cm	Turbidity (NTU)	Dissolved oxygen (mg/L)	Redox (mV)	Prepared By:	Water Description
3/1	12:18		27.86	28	16.3	5.72	.033	410	7.47		TM	CLOUDY
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Completed 3-1-98

Groundwater Well Development Log

Fort McClellan , Alabama

PROJECT: 774645 COST CODE: 01020300 DELIVERY ORDER CK05

'E ID: LOCATION ID: PPMP-231-GPØ2 (Well Number) Static Water Level: 14.93 ft

'get Purge Volume: 3.65 gal WELL DEPTH: 36.77 (ft from TOC) Well Casing Diameter: (opt) 2" Recovery Depth: 35.0'

22.34 H2O COLUMN

Date 1998 9	Time 24hr	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. mMhos/cm	Turbidity (NTU)	Dissolved oxygen (mg/L)	Redox (mV)	Prepared By:	Water Description
3-2	10:09		14.57	.5	23.7	5.60	.056	>1K	2.08		TM	MUDDY/RED
	10:37		21.36	10	21.9	5.10	.033	>1K	4.27			"
	11:05		19.21	20	22.2	4.90	.029	>1K	4.49			"
	11:44		18.03	30	23.4	4.91	.026	>1K	3.95			REDDISH
	12:25		18.00	40	24.3	4.94	.026	>1K	4.17			"
	13:08		18.25	50	23.2	4.98	.025	315	4.54			CLOUDY
	13:49		18.32	60	22.8	4.86	.026	23	4.37			CLEAR
	14:10		18.22	65	22.9	4.85	.025	28	4.51			"
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Groundwater Well Development Log

Fort McClellan , Alabama

PROJECT: 774645 COST CODE: 01020300 DELIVERY ORDER CK05

E ID: LOCATION ID: PPMP-231-GP03 (Well Number) Static Water Level: 26.10 ft

get Purge Volume: 2.46 gal WELL DEPTH: 41.20 (ft from TOC) Well Casing Diameter: (opt) 2" Recovery Depth: 40.0'

15.10 H2O Column

Date 1999	Time 24hr	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. mMhos/cm	Turbidity (NTU)	Dissolved oxygen (mg/L)	Redox (mV)	Prepared By:	Water Description
3-1	14:06		27.82	.5	18.4	5.34	.052	>1K	6.15		TM	REDDISH/MUDDY
	14:16		28.06	3	18.0	5.52	.044	>1K	7.03			REDDISH
	14:34		28.82	8	17.6	5.34	.035	830	7.03			DARK BROWN
	14:57		29.38	13	17.0	5.22	.025	>1K	7.41			"
	15:16		29.81	18	16.8	5.17	.025	>1K	7.72			REDDISH BROWN
	15:41		30.10	23	17.0	5.10	.022	763	7.56			LIGHT RED
	16:02		30.35	28	16.7	5.07	.021	202	7.31			CLOUDY
	16:28		30.58	33	16.6	5.04	.019	96	7.44			CLEAR
	16:45		30.75	36	16.3	5.01	.019	37	7.64			"
	17:04		30.91	39	16.2	4.91	.018	18	7.25			"
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Parcel

Groundwater Well Development Log

Fort McClellan , Alabama

PROJECT: 774645 COST CODE: 01020300 DELIVERY ORDER CK05

ITE ID: LOCATION ID: PPMP-231-GP11 (Well Number) Static Water Level: 30.85 ft

arget Purge Volume: 1.6 gal WELL DEPTH: 40.67 (ft from TOC) Well Casing Diameter: (opt) 2" Recovery Depth: 40.67'

9.82 H_2O COLUMN

Date 1998	Time 24hr	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. mMhos/cm	Turbidity (NTU)	Dissolved oxygen (mg/L)	Redox (mV)	Prepared By:	Water Description
2-18	09:40		31.63	∅	16.1	4.78	.038	>1K	7.27		TM	REDDISH/MUDDY
	09:46		32.58	2	17.4	4.81	.021	>1K	6.92			"
	09:54		33.22	4	18.0	4.93	.012	>1K	6.52			"
	10:04		33.43	6	17.7	4.88	.011	>1K	6.23			"
	10:09		33.65	8	17.6	4.85	.011	733	6.39			REDDISH TINT
	10:23		34.45	11	17.8	4.89	.011	310	6.46			CLOUDY
	10:33		34.65	14	17.8	4.90	.010	53	6.93			CLEAR
	10:40		35.02	16	17.9	4.93	.010	49	6.73			"
	10:47		35.21	18	17.8	4.95	.010	15	6.63			"
	10:57		35.32	20	17.8	4.96	.011	2	6.71			"
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