

APPENDIX C

WELL DEVELOPMENT LOGS



Groundwater Well Development Log

Fort McClellan, Alabama

Project Number: 783149
Form Completed by: S. Taylor
Well Developed by (person/firm): S. Taylor / ET

Parcel No.: GSDP 153
Well No.: 1401
Date started: 10/21/99

Monitoring Well Information

Development Method: SURGE & PURGE
Development Equipment: WHALE PUMP, METEIS
Casing Diameter: 2"

Beginning Measurements

Depth to Water (ft): 14.91
Total depth of Well (ft): 31.36
PID: 0.0



Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
11:10	0	14.91	6.64	.195	>1K (41000)	0.46	16.5	GREY	.25gpm START PUMP AFTER SURGING
11:30	5	16.90	6.53	.193	>1K	1.08	16.7	GREY	.25gpm
11:50	10	16.69	6.62	.197	491	1.83	17.1	LT. GREY	.25gpm
12:10	15	16.68	6.63	.191	217	2.14	17.5	LT. GREY	.25gpm
:30	20	16.70	6.57	.186	128	1.43	17.9	LT. GREY	↓
:50	25	16.68	6.54	.178	58	2.30	17.8	CLEAR	
13:10	30	16.60	6.72	.176	39	0.48	18.4	CLEAR	

Parcel No.: 153
 Well ID: MU01
 Date: 10/21/99

	Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
212	13 : 10	30	16.68	6.72	.176	35	0.48	18.4	clear	
	: 30	35	16.68	6.67	.171	20	1.13	18.1	clear	25 gpa ↓
	: 50	40	17.91	6.65	.187	>1K	1.97	17.3	GREY	SURGE screen, Flush Hose, + Raise Pump 2"
312	14 : 10	45	18.19	6.64	.181	771	1.31	17.4	LT. GREY	
	: 30	50	17.93	6.60	.178	309	1.75	17.1	LT. GREY	
	: 50	55	17.96	6.67	.175	70	0.21	17.0	clear	
412	15 : 10	60	17.91	6.53	.169	18	1.85	17.2	clear	
	: 30	65	18.95	6.53	.166	>1K	1.8 0.60	17.0	GREY	SURGE SCREEN + RAISE Pump 2"
	: 50	70	18.91	6.62	.168	331	1.58	16.6	LT. GREY	Flush Hose
512	16 : 10	75	18.12	6.59	.164	86	0.71	17.1	clear	
	: 30	80	18.07	6.56	.169	20	0.68	16.8	clear	
	16 : 50	85	18.91	6.54	.168	>1K	0.50	16.9	GREY	SURGE SCREENING + RAISE Flush line Pump 3'
612	17 : 10	90	18.84	6.53	.168	308	0.24	16.5	LT. GREY	

Parcel No.: 153*Well ID: MU01Date: 10/21/99

Time 24hr	Purge Volume (gal)	Water Level (ft) (TOC)	pH (std units)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved oxygen (mg/L)	Temperature (°C)	Clarity (color)	Comments (Date if different from start date)
6hr 17:10	90	18.84	6.53	.168	308	0.24	16.5	LT. GREY	.25
:30	95	18.85	6.52	.169	43	0.24	16.3	CLEAR	↓
:50	100	18.00	6.52	.169	10	0.25	16.1	CLEAR	
7hr 18:10	105	19.01	6.52	.168	955	1.42	15.9	GREY	SURGE SCREEN, Flush Hoses & RAISE PUMP TO TOP OF SCREEN
:30	110	18.96	6.54	.170	282	1.38	15.7	LT. GREY	SHUT DOWN PUMP FOR Dev
:50	118								
8hr 19:10	120								
08:35	115	17.82	6.42	.182	58.8	1.29	15.2	CLEAR	START PUMP
08:55	120	17.89	6.38	.180	2.02	2.30	13.9	CLEAR	END Dev
:		8hr WELL Dev. Comp							
:									
:									
:									