

Table 4.1 - Gas Extraction System(GES) Daily Log for FMC Pond 15S Perimeter piping Extraction (Unit 1)

																CALCULATED VALUE		
DATE	TIME	SOURCE			PRIMARY TREATMENT							SECONDARY OUTLET			T-FLOW	INLET	TOTAL	SOURCE
	HOUR	TI-1	PI-1	FI-1	TI-2	TI-3	PI-2	PH3 (IN)	TI-4	PI-3	PH3 (OUT)	TI-5	PI-4	PH3	FI-2	FLOW	FLOW	PH3
MM/DD/YY	0-23 H	DEG F	- "H2O	"H2O	DEG F	DEG F	"H2O	PPM	DEG F	"H2O	PPM	DEG F	"H2O	PPM	"H2O	SCFM	SCFM	PPM
4/16/2010	8:00	40	7	1	42	132	46	214	143	26	4.22	104	14	0.07	3.49	0.38	89.7	50389
	10:00	58	7	1	64	148	48	246	136	28	5.8	120	14	0	3.46	0.37	88.1	57867
	12:00	78	8	1.2	68	162	48	120	170	28	0.12	135	14	0	3.37	0.40	85.8	25589
	16:00	80	7	1	78	164	46	92	179	26	0	135	14	0	3.32	0.37	85.2	21402
	18:00	72	8	1	74	156	44	236	168	26	0.07	128	14	0	3.31	0.37	85.5	54754
	20:00	68	8	1	63	152	45	250	172	44	0.15	128	14	0	3.39	0.37	86.6	58505
	22:00	68	8	1	68	150	45	228	175	27	0.1	123	14	0	3.45	0.37	87.7	54053
4/17/2010	0:00	60	8	1	58	140	45	180	250	27	0.2	129	12	0	3.4	0.37	86.6	41826
	2:00	54	7	1	56	140	45	153	156	28	0.44	111	14	0	3.41	0.38	88.1	35891
	4:00	50	8	1	52	140	44	154	164	28	0.31	117	14	0	3.48	0.38	88.5	36209
	6:00	47	8	1	50	135	30	197	158	28	0.49	116	14	0	3.52	0.38	89.1	46485
	8:00	52	9	1.5	52	142	46	244	156	28	0.99	111	16	0	3.49	0.46	89.1	47100
	10:00	68	8.5	1.5	70	152	48	306	171	28	0.43	123	13	0	3.34	0.46	86.3	58029
	12:00	74	8.5	1.8	76	160	46	252	174	28	0.47	130	13	0	3.37	0.50	86.2	43734
	14:00	82	8.5	0.8	80	162	46	240	183	26	0.38	138	13	0	3.34	0.33	85.2	62822
	16:00	84	9	1	78	164	46	214	187	26	0.13	139	13	0	3.45	0.36	86.5	50915
	18:00	74	9	1.8	72	160	46	252	183	26	0.33	144	13	0	3.41	0.50	85.7	43513
	20:00	68	8	1.5	66	153	44	180	193	34	2.4	142	13	0	3.5	0.46	86.9	34363
	22:00	50	8	1.5	50	145	45	322	168	28	6.8	121	14	0	3.48	0.46	88.2	61340
4/18/2010	0:00	48	8	1	50	140	40	295	168	27	4.5	124	14	0	3.54	0.38	88.8	69400
	2:00	50	8	1	50	140	45	310	172	28	3.3	123	14	0	3.55	0.38	89.0	73229
	4:00	50	8	1.5	46	131	46	242	170	28	3.2	125	14	0	3.56	0.46	88.9	46452
	6:00	45	8	1	45	133	45	246	164	28	5.5	114	14	0	3.52	0.38	89.3	58037
	8:00	42	9	1	42	132	46	228	159	28	5.8	116	14	0	3.53	0.38	89.3	53682
	10:00	60	9	0.8	64	150	46	194	168	28	6.3	124	14	0	3.48	0.33	88.0	51414
	12:00	78	9	0.8	76	162	46	216	178	28	2.28	136	14	0	3.51	0.33	87.5	57886
	14:00	84	9	1	82	168	46	250	182	28	1.56	142	14	0	3.39	0.36	85.6	58814
	16:00	82	9	1.5	80	164	46	210	195	28	4.58	144	14	0	3.47	0.45	86.4	40481
	18:00	82	9.5	1.5	84	168	44	246	190	28	1.64	152	14	0	3.5	0.45	86.2	47332
	20:00	69	8.5	3	54	160	43	190	181	28	1.62	139	14	0	3.52	0.65	87.4	25669
	22:00	52	8	2	52	140	48	245	169	28	4.4	124	14	0	3.23	0.54	84.8	38766
4/19/2010	0:00	49	6	1	50	138	38	233	168	30	7.55	120	14	0	3.57	0.38	89.4	55127
	2:00	42	8	1	44	134	35	250	160	38	7.5	118	14	0	3.35	0.38	86.8	57159
	4:00	46	8	2	38	138	44	270	153	28	12.7	110	14	0	3.56	0.54	90.1	45132
	6:00	32	8	1	42	122	36	250	157	30	15.1	113	14	0	3.62	0.38	90.6	59025
	8:00	48	9	1	52	142	44	246	156	28	4.5	115	14	0	3.5	0.38	88.9	58080
	10:00	56	9	1	60	150	46	228	158	28	7.5	119	14	0	3.5	0.37	88.6	54060
	12:00	80	9.5	0.5	80	160	46	248	176	28	4.7	136	14	0	3.41	0.26	86.2	83586
	14:00	90	9.5	1	90	174	46	242	185	28	3.82	150	14	0	3.46	0.36	85.9	57496
	16:00	92	9.5	1	90	168	44	260	191	28	2.68	151	14	0	3.48	0.36	86.0	62007
	18:00	92	9	1	90	174	44	298	195	28	4.12	155	14	0	3.42	0.36	85.0	70176
	20:00	68	10	1	64	153	43	258	190	28	5.65	148	14	0	3.45	0.37	85.9	60049
	22:00	62	9	2	62	147	42	298	158	26	17.4	138	14	0	3.45	0.53	86.6	48751
4/20/2010	0:00	56	10	0.5	60	149	36	150	181	27	5.75	140	15	0	3.51	0.26	87.2	50008
	2:00	47	9	0.5	47	137	45	158	164	28	9.75	124	14	0	3.59	0.26	89.4	53386
	10:00	74	9	2	80	160	44	165	161	20	0	82	14	0	3.51	0.52	91.7	28926
	12:00	80	10	2.5	82	160	44	234	158	20	0	79	16	0	3.38	0.58	90.3	36274
	14:00	82	9	1.5	82	162	46	278	176	20	0	134	14	0	3.49	0.45	87.4	54193

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																CALCULATED VALUE		
DATE	TIME	SOURCE			PRIMARY TREATMENT							SECONDARY OUTLET			T-FLOW	INLET	TOTAL	SOURCE
MM/DD/YY	0-23 H	TI-1 DEG F	PI-1 - "H2O	FI-1 "H2O	TI-2 DEG F	TI-3 DEG F	PI-2 "H2O	PH3 (IN) PPM	TI-4 DEG F	PI-3 "H2O	PH3 (OUT) PPM	TI-5 DEG F	PI-4 "H2O	PH3 PPM	FI-2 "H2O	FLOW SCFM	FLOW SCFM	PH3 PPM
	16:00	86	9.5	2.25	86	166	46	292	170	20	0	136	14	0	3.44	0.55	86.6	46076
	18:00	81	9	1.5	82	160	45	254	177	20	0	138	15	0	3.45	0.45	86.6	49020
	20:00	68	8	1	69	150	45	254	162	22	0	125	16	0	3.57	0.37	89.1	61126
	22:00	66	10	1	68	150	36	230	164	24	0	123	15	0	3.59	0.37	89.5	55681
4/21/2010	0:00	59	10	1	58	155	45	268	162	22	0	126	16	0	3.62	0.37	89.6	64553
	2:00	50	10	1.5	52	133	45	260	144	21	0	111	15	0	3.56	0.46	90.0	50666
	4:00	49	10	0.5	50	130	45	229	146	27	0	100	16	0	3.55	0.26	90.8	78847
	6:00	49	10	1	51	138	46	230	147	22	0	103	16	0	3.6	0.38	91.2	55794
	8:00	54	10	1	58	140	46	222	146	22	0	111	16	0	3.53	0.37	89.6	53211
	10:00	50	11	1	50	132	46	298	136	22	0	103	16	0	3.48	0.37	89.6	71259
	12:00	62	11	1.25	60	142	46	274	146	22	0	104	16	0	3.53	0.42	90.2	59548
	14:00	60	9.5	1	58	140	46	266	155	27	0	120	16	0	3.54	0.37	89.1	63673
	16:00	50	12	0.75	50	130	46	248	146	22	0	114	16	0	3.54	0.32	89.5	68766
	18:00	48	12	1	48	130	46	252	125	22	0	97	16	0	3.48	0.38	90.1	60548
	20:00	48	14	1	50	130	50	232	123	22	0	94	16	0	3.5	0.37	90.6	56224
	22:00	48	12	0.5	50	122	47	230	144	22	0	98	16	0	3.52	0.26	90.6	79242
4/22/2010	0:00	47	8	1	50	132	46	256	143	22	0	106	16	0	3.54	0.38	90.2	61115
	2:00	48	10	1	50	130	47	232	136	22	0	104	16	0	3.54	0.38	90.3	55696
	4:00	47	10	1	50	130	45	238	140	22	0	104	16	0	3.87	0.38	94.4	59687
	6:00	47	10	1	48	130	47	230	144	22	0.09	106	16	0	3.53	0.38	90.0	54990
	8:00	48	10	1	48	132	47	272	147	22	0	104	16	0	3.54	0.38	90.3	65303
	10:00	42	12	1	42	120	46	244	123	22	0	95	16	0	3.47	0.38	90.1	58296
	12:00	40	12	5.5	42	120	52	278	114	22	0	81	16	0	3.51	0.90	91.8	28357
	14:00	40	14	2	46	128	46	264	121	22	0	82	16	0	3.47	0.54	91.2	44815
	16:00	48	16	2	48	128	46	314	138	22	0	90	16	0	3.69	0.53	93.4	55227
	18:00	42	8	2	46	126	46	326	135	22	0	98	16	0	3.55	0.54	90.9	54780
	20:00	40	8	2	46	122	44	244	136	22	0	95	16	0	3.63	0.54	92.2	41493
	22:00	39	10	1	46	118	45	260	129	22	0	91	16	0	3.55	0.38	91.5	62685
4/23/2010	0:00	37	10	1	38	112	47	204	121	22	0	81	16	0	3.65	0.38	93.6	50215
	2:00	32	12	1	42	112	45	185	125	22	0	85	22	0	3.65	0.38	93.3	45274
	4:00	32	12	1	40	115	45	250	130	22	0.02	89	16	0	3.67	0.38	93.2	61122
	6:00	36	14	1	45	118	48	170	129	22	0	90	16	0	3.63	0.38	92.6	41591
	8:00	42	27	0.5	44	128	47	165	137	24	0	99	16	0	3.6	0.26	91.5	58426
	10:00	50	27	0.5	52	132	56	163	139	24	0	99	16	0	3.6	0.26	91.5	58178
	12:00	58	14	2.5	58	138	57	200	142	24	0	105	17	0	3.62	0.59	91.3	30879
	14:00	60	16	1	60	140	45	150	141	24	0	105	17	0	3.59	0.37	90.9	36995
	16:00	68	18	2.5	64	144	46	212	147	24	0	105	16	0	3.52	0.58	90.0	32786
	18:00	69	29	1.5	67	149	46	193	151	22	0	113	16	0	3.49	0.44	89.0	39025
	20:00	50	14	2	50	132	46	254	135	22	0	98	16	0	3.56	0.53	91.1	43517
	22:00	46	15	5	47	128	46	220	127	22	0	89	16	0	3.62	0.85	92.6	23985
4/24/2010	0:00	46	18	7	47	124	46	276	129	22	0	87	16	0	3.57	1.00	92.1	25395
	2:00	42	16	4	42	120	47	250	131	22	0	91	16	0	3.58	0.76	91.9	30222
	4:00	40	18	3.5	42	122	46	248	130	22	0	91	16	0	3.64	0.71	92.7	32361
	6:00	40	18	12	42	120	46	268	129	22	0	91	16	0	3.65	1.32	92.8	18880
	8:00	48	29	2	48	128	47	268	132	24	0	97	16	0	3.66	0.52	92.4	47601
	10:00	58	26	2	60	137	46	222	138	23	0	102	16	0	3.61	0.52	91.4	38722
	12:00	68	10	5	68	148	46	228	148	23	0	91	16	0	3.53	0.83	91.3	25158
	14:00	72	10	2.5	73	153	45	264	167	22	0.03	126	16	0	3.6	0.59	89.4	40205

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DATE	TIME	SOURCE			PRIMARY TREATMENT							SECONDARY OUTLET			T-FLOW	INLET	TOTAL	SOURCE
MM/DD/YY	0-23 H	TI-1 DEG F	PI-1 - "H2O	FI-1 "H2O	TI-2 DEG F	TI-3 DEG F	PI-2 "H2O	PH3 (IN) PPM	TI-4 DEG F	PI-3 "H2O	PH3 (OUT) PPM	TI-5 DEG F	PI-4 "H2O	PH3 PPM	FI-2 "H2O	FLOW SCFM	FLOW SCFM	PH3 PPM
	16:00	67	14	4	66	146	46	206	154	20	0.02	120	16	0	3.5	0.74	88.6	24515
	18:00	66	18	2	67	144	45	202	162	22	0.04	120	16	0	3.6	0.52	89.8	34879
	20:00	53	18	4	53	134	54	200	149	20	0	112	16	0	3.5	0.75	89.2	23792
	22:00	50	14	1	50	126	56	205	151	20	0	108	16	0	3.68	0.37	91.8	50408
4/25/2010	0:00	48	14	1	46	122	46	298	136	20	0	89	14	0	3.68	0.37	93.3	74399
	2:00	48	14	1	45	120	46	298	127	20	0	90	15	0	3.62	0.37	92.5	73720
	4:00	40	15	1.5	42	118	45	208	125	20	0	91	15	0	3.61	0.46	92.3	41452
	6:00	30	15	1	39	118	46	200	125	20	0	92	15	0	3.61	0.38	92.2	48504
	8:00	39	15	2	39	120	47	149	130	22	0	91	17	0	3.68	0.54	93.2	25847
	10:00	45	15	2.5	48	126	47	244	141	22	0	97	16	0	3.68	0.60	92.7	37829
	12:00	56	15	2.5	56	135	46	240	159	24	0	109	17	0	3.7	0.59	91.9	37300
	14:00	62	15	1	62	141	46	270	167	24	0	124	16	0	3.72	0.37	91.0	66702
	16:00	62	15	1.1	61	142	46	274	161	24	0	121	16	0	3.7	0.39	91.0	64472
	18:00	62	15	1	60	141	46	246	157	22	0	123	16	0	3.68	0.37	90.6	60497
	20:00	53	12	1.5	51	132	60	234	145	20	0	112	16	0	3.6	0.46	90.4	46087
	22:00	44	15	1.5	42	126	45	216	142	20	0	103	16	0	3.68	0.46	92.2	43172
4/26/2010	0:00	40	14	1	45	122	46	296	136	20	0	98	14	0	3.71	0.38	93.0	73005
	2:00	40	14	1	46	120	46	248	132	20	0	93	15	0	3.72	0.38	93.5	61519
	4:00	40	14	1	45	120	47	201	134	20	0	95	15	0	3.69	0.38	93.0	49569
	6:00	36	14	0.5	45	120	46	218	136	20	0	100	16	0	3.74	0.27	93.2	76508
	8:00	44	9	1.5	46	142	46	270	141	22	0	105	16	0	3.87	0.47	94.4	54741
	10:00	58	9.5	1.5	46	142	46	272	169	22	0	124	16	0	3.82	0.46	92.2	54662
	12:00	72	8	1.5	68	150	46	272	177	22	0.02	132	16	0	3.65	0.45	89.5	53682
	14:00	72	8	1.5	70	154	46	298	174	22	0	136	16	0	3.68	0.45	89.6	58874
	16:00	78	10	1.5	72	155	46	276	179	22	0	136	16	0	3.65	0.45	89.2	54809
	18:00	70	16	1.5	70	100	46	286	170	22	0	135	16	0	3.63	0.45	89.1	56752
	20:00	62	16	1	60	148	58	210	179	22	0.03	137	16	0	3.76	0.37	90.5	51721
	22:00	52	16	2	54	144	47	254	147	21	0.05	114	16	0	3.56	0.53	89.8	43122
4/27/2010	0:00	54	16	1.5	54	138	46	290	144	20	0.17	105	15	0	3.66	0.46	91.8	58355
	2:00	54	16	0.5	54	132	47	206	148	20	0	108	14	0	3.63	0.26	91.1	72292
	4:00	54	16	1	52	130	47	224	154	21	0.05	109	15	0	3.57	0.37	90.3	54640
	6:00	55	16	4	54	138	46	228	134	20	0.06	98	14	0	3.52	0.75	90.6	27538
	8:00	58	16	2	58	134	46	288	157	22	0.03	111	16	0	3.53	0.53	89.6	49100
	10:00	60	16	2.5	60	134	46	252	149	22	0.05	110	16	0	3.49	0.59	89.2	38224
	12:00	70	16	1.5	72	148	46	270	171	22	0	123	16	0	3.56	0.45	89.1	53564
	14:00	65	16	2.5	68	142	46	274	163	22	0	124	16	0	3.59	0.59	89.4	41844
	16:00	72	13	2	72	158	46	268	160	22	0	119	16	0	3.49	0.52	88.5	45515
	18:00	70	18	5.5	70	143	46	288	152	22	0	116	16	0	3.42	0.87	87.9	29234
	20:00	54	18	1.5	53	140	46	274	157	22	0	125	16	0	3.55	0.45	88.8	53527
	22:00	50	20	0.5	52	136	45	268	164	20	0	124	14	0	3.56	0.26	89.0	92056
4/28/2010	0:00	49	20	0.5	50	128	45	274	148	20	0	115	15	0	3.54	0.26	89.5	94486
	2:00	41	19	0.5	40	120	47	215	138	20	0	100	15	0	3.65	0.26	92.0	75565
	4:00	40	20	0.5	41	110	50	208	121	20	0.1	80	15	0	3.37	0.26	90.1	71554
	6:00	34	20	1	44	115	46	266	121	20	0	82	15	0	3.65	0.38	93.6	66232
	8:00	36	20	1	37	114	47	218	125	22	0	87	17	0	3.69	0.38	93.6	54436
	10:00	40	20	2	45	118	56	208	123	22	0	88	16	0	3.64	0.53	92.9	36335
	12:00	45	18	4	48	126	47	256	129	21	0	91	16	0	3.66	0.76	92.9	31481
	14:00	50	16	8	50	128	46	258	138	22	0.07	98	15	0	3.6	1.07	91.6	22086

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MM/DD/YY	0-23 H	TI-1 DEG F	PI-1 - "H2O	FI-1 "H2O	TI-2 DEG F	TI-3 DEG F	PI-2 "H2O	PH3 (IN) PPM	TI-4 DEG F	PI-3 "H2O	PH3 (OUT) PPM	TI-5 DEG F	PI-4 "H2O	PH3 PPM	FI-2 "H2O	FLOW SCFM	FLOW SCFM	PH3 PPM
	16:00	50	18	2	50	128	47	284	141	22	0.04	102	16	0	3.56	0.53	90.7	48780
	18:00	48	16	3	47	126	47	214	140	22	0	103	16	0	3.65	0.65	91.8	30065
	20:00	42	16	1.5	44	122	47	210	136	22	0	97	16	0	3.57	0.46	91.3	41539
	22:00	38	17	2.5	40	116	47	260	124	22	0	87	16	0	3.61	0.60	92.6	40129
4/29/2010	0:00	34	17	1	36	112	46	230	119	22	0	81	16	0	3.6	0.38	93.0	56667
	2:00	34	18	1	34	112	46	238	118	22	0.02	80	16	0	3.59	0.38	93.0	58692
	4:00	34	18	1.5	34	112	46	284	118	22	0	82	16	0	3.61	0.46	93.0	56982
	6:00	32	18	2	34	112	47	252	117	22	0	78	16	0	3.62	0.54	93.5	43768
	8:00	34	8	8	34	112	48	206	117	22	0	80	16	0	3.61	1.10	93.2	17451
	10:00	40	2	5	41	119	48	288	121	22	0.04	85	16	0	3.55	0.87	92.0	30388
	12:00	50	8	5.5	48	125	45	240	128	24	0.04	90	16	0	3.64	0.90	92.7	24829
	14:00	45	8	4	45	126	51	202	130	20	0.04	95	14	0	3.25	0.77	87.2	22947
	16:00	46	8	7	46	128	49	240	136	20	0.09	92	15	0	3.45	1.02	90.1	21280
	18:00	45	8	7	45	126	48	244	139	20	0.04	95	15	0	3.51	1.02	90.7	21719
	20:00	46	8	6	45	130	46	224	148	21	0.04	102	15	0	3.47	0.94	89.6	21311
	22:00	42	8	6	41	125	46	228	139	22	0.02	98	15	0	3.43	0.94	89.4	21567
4/30/2010	0:00	40	8	7	39	121	46	258	133	22	0.08	91	15	0	3.41	1.02	89.7	22604
	2:00	38	10	7	38	120	48	280	133	22	0.24	92	16	0	3.47	1.02	90.4	24759
	4:00	37	8	7	38	118	48	262	131	22	0.27	89	16	0	3.45	1.03	90.4	23071
	6:00	36	10	7	36	116	48	228	129	22	0.14	87	16	0	3.48	1.02	90.9	20240
	8:00	38	2	6	42	121	49	220	131	21	0.08	89	15	0	3.5	0.96	91.0	20911
	10:00	51	7	7	54	132	48	170	133	20	0.03	94	15	0	3.45	1.01	90.0	15098
	12:00	44	3	10	45	124	44	276	140	23	0	100	17	0	3.81	1.23	94.0	21151
	14:00	57	10	1.5	57	142	50	278	144	20	0.02	107	14	0	3.31	0.46	87.1	52779
	16:00	54	10	12	54	137	50	210	149	20	0.05	109	14	0	3.27	1.32	86.4	13798
	18:00	57	10	13	54	138	50	270	152	20	0	115	15	0	3.3	1.36	86.4	17092
	20:00	48	10	4	48	135	51	235	145	20	0.02	101	15	0	3.47	0.76	89.7	27631
	22:00	42	20	2	46	125	47	220	134	20	0.02	95	15	0	3.36	0.53	88.7	36724
5/1/2010	4:00	36	20	12	45	118	48	165	126	20	0	85	15	0	3.34	1.32	89.3	11171
	6:00	36	16	14	46	118	47	178	129	20	0.04	87	15	0	3.36	1.43	89.4	11114
	8:00	42	12	8.5	42	122	52	232	131	22	0.09	88	16	0	3.32	1.12	88.7	18405
	10:00	50	10	1	54	130	48	242	131	22	0.03	93	16	0	3.49	0.38	90.6	58379
	12:00	54	12	0.5	58	136	46	282	135	22	0.03	101	16	0	3.37	0.26	88.4	95370
	14:00	53	18	2.5	58	134	47	248	143	22	0.04	105	16	0	3.41	0.59	88.6	37209
	16:00	46	20	1	46	125	48	290	137	22	0.02	100	16	0	3.52	0.37	90.4	70604
	18:00	46	14	6	46	123	48	274	130	22	0	96	16	0	3.42	0.93	89.4	26285
	20:00	40	2	5	46	121	52	200	132	20	0	90	15	0	3.45	0.87	90.3	20709
	22:00	38	3	6	45	119	50	210	130	21	0.02	93	15	0	3.34	0.96	88.6	19457
5/2/2010	0:00	36	6	7	38	126	50	216	138	20	0	96	16	0	3.46	1.03	89.9	18844
	2:00	32	9	4	33	129	47	245	140	20	0	95	15	0	3.45	0.78	89.9	28346
	4:00	29	12	20	34	118	46	199	129	21	0	89	15	0	3.35	1.73	89.1	10274
	6:00	28	6	20	33	116	44	145	132	20	0	90	15	0	3.34	1.74	88.8	7392
	8:00	40	12	5	46	122	48	165	130	22	0	92	16	0	3.39	0.86	89.3	17178
	10:00	52	11	4.5	54	143	48	264	147	22	0.04	101	16	0	3.53	0.81	90.4	29639
	12:00	82	12	7	62	146	48	279	166	22	0	126	16	0	3.62	0.98	89.6	25637
	14:00	72	12	17	66	150	48	248	161	22	0	128	16	0	3.52	1.53	88.2	14319
	16:00	70	10	4	68	150	54	296	147	22	0.04	119	16	0	3.26	0.75	85.5	33917
	18:00	60	14	10	60	142	54	226	154	22	0	112	16	0	3.42	1.19	88.2	16789

Table 4.1 - Gas Extraction System(GES) Daily Log for FMC Pond 15S Perimeter piping Extraction (Unit 1)

																CALCULATED VALUE		
DATE	TIME	SOURCE			PRIMARY TREATMENT							SECONDARY OUTLET			T-FLOW	INLET	TOTAL	SOURCE
	HOUR	TI-1	PI-1	FI-1	TI-2	TI-3	PI-2	PH3 (IN)	TI-4	PI-3	PH3 (OUT)	TI-5	PI-4	PH3	FI-2	FLOW	FLOW	PH3
MM/DD/YY	0-23 H	DEG F	- "H2O	"H2O	DEG F	DEG F	"H2O	PPM	DEG F	"H2O	PPM	DEG F	"H2O	PPM	"H2O	SCFM	SCFM	PPM
	20:00	54	11	3	54	134	54	4	142	22	0	107	16	0	3.48	0.65	89.3	546
	22:00	46	10	4	52	124	54	208	130	22	0.03	92	15	0	3.42	0.76	89.7	24428
5/3/2010	0:00	45	10	4	48	122	48	268	128	21	0.04	89	15	0	3.48	0.77	90.8	31791
	2:00	46	10	5	46	122	48	199	129	21	0.04	93	15	0	3.51	0.86	90.8	21124
	4:00	46	10	6	48	124	48	185	138	20	0.04	96	15	0	3.51	0.94	90.6	17870
	6:00	50	10	4	48	128	52	270	136	21	0.33	95	15	0	3.47	0.76	90.1	31980
	8:00	50	15	14	50	130	48	216	135	22	0	94	16	0	3.46	1.41	90.1	13768
	10:00	54	11	5.5	54	132	46	220	150	22	0	103	16	0	3.49	0.89	89.8	22207
	12:00	62	11	3.5	62	140	47	248	144	22	0	109	16	0	3.46	0.70	88.9	31420
	14:00	68	14	2.5	68	148	46	286	154	22	0	112	16	0	3.43	0.59	88.3	43129
	16:00	58	12	2.5	68	148	46	310	157	22	0.02	114	16	0	3.44	0.59	88.3	46158
	18:00	62	13	4	60	143	62	312	153	22	0	113	16	0	3.45	0.75	88.5	36856
5/4/2010	0:00	50	18	5	50	134	54	205	128	21	0	95	16	0	3.49	0.84	90.4	22013
	2:00	44	18	5	42	130	46	235	132	21	0.1	91	15	0	3.51	0.85	91.0	25254
	4:00	40	14	5	42	112	47	312	124	22	0.3	86	15	0	3.57	0.86	92.2	33621
	6:00	34	12	7	30	110	47	256	115	22	0	77	15	0	3.62	1.02	93.6	23410
	8:00	38	12	22	40	115	47	242	127	34	0.08	85	22	0	3.28	1.79	88.4	11980
	10:00	42	13	9.5	46	123	47	266	142	22	0.06	92	16	0	3.84	1.18	95.1	21435
	12:00	50	19	15	52	130	46	204	138	22	0	102	16	0	3.2	1.45	86.0	12092
	14:00	54	19	4	54	132	46	250	149	22	0	100	16	0	3.32	0.75	87.8	29348
	20:00	42	18	2.5	44	126	52	222	133	20	0	94	15	0	3.49	0.60	90.5	33662
	22:00	33	18	5	34	118	48	256	131	20	0.03	91	15	0	3.52	0.86	91.1	27242
5/5/2010	0:00	31	16	5	32	116	48	224	129	20	0.03	89	16	0	3.51	0.86	91.2	23719
	2:00	28	20	5	30	116	50	202	133	21	0	95	16	0	3.64	0.86	92.3	21728
	4:00	23	16	5	26	112	50	286	130	20	0.04	92	15	0	3.55	0.87	91.4	30099
	6:00	20	12	3	23	110	51	274	127	20	0.04	91	16	0	3.57	0.68	91.8	37139
	8:00	33	18	2	36	122	49	240	135	20	0	93	16	0	3.59	0.54	91.9	40985
	10:00	44	18	2.5	48	130	47	290	135	20	0	103	16	0	3.5	0.60	89.9	43770
	12:00	52	17	2	54	138	47	294	150	20	0	110	16	0	3.61	0.53	90.7	50515
	14:00	59	18	2.5	61	145	47	246	156	19	0	119	15	0	3.47	0.59	88.3	36994
	16:00	56	21	3	58	137	48	228	155	20	0	114	15	0	3.56	0.64	89.8	31854
	18:00	51	20	9	52	136	48	210	149	19	0	112	16	0	3.53	1.13	89.6	16707
	22:00	36	18	6	42	120	48	214	133	20	0	90	16	0	3.57	0.94	91.9	21005
5/6/2010	2:00	30	20	6	33	110	50	230	124	20	0	82	16	0	3.34	0.94	89.5	21935
	4:00	30	20	8	32	112	52	262	123	20	0	83	16	0	3.34	1.08	89.4	21600
	6:00	31	22	8	32	114	52	217	122	20	0	81	16	0	3.36	1.08	89.8	18050
	8:00	29	20	12	32	113	52	190	121	19	0.04	80	15	0	3.39	1.33	90.3	12927
	10:00	33	16	4	36	120	51	248	141	20	0.73	89	15	0	3.55	0.77	91.7	29608
	12:00	47	18	12	46	132	50	200	135	18	0.02	95	15	0	3.5	1.31	90.5	13843
	18:00	45	26	10	46	122	50	110	142	18	0	101	15	0	3.47	1.18	89.7	8348
	20:00	36	19	11	46	118	50	250	134	20	0.06	93	15	0	3.44	1.26	89.9	17771
	22:00	36	24	11	38	123	46	265	134	19	0.06	97	15	0	3.55	1.25	91.0	19222