



EXTRACTION DATA

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MDEQ - RRD
JACKSON DISTRICT OFFICE

SEP 15 2010

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TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **Aug-10**

Date	Horizontal Well Extraction			TW-9			TW-5			TW-21			Daily Flow	Daily Total
	HW-S Gallons	GPM	Run Hrs.	TW-9 Gallons	GPM	Run Hrs.	TW-5 Gallons	GPM	Run Hrs.	TW-21 Gallons	GPM	Run Hrs.	GPM	Gallons
Sun-8/1/10	40,771	28	24.00	122,358	85	24.00	112,535	78	24.00	158,741	110	24.00	302	434,405
Mon-8/2/10	40,709	28	24.00	122,320	85	24.00	112,678	78	24.00	158,528	110	24.00	302	434,235
Tue-8/3/10	40,634	28	24.00	122,391	85	24.00	112,790	78	24.00	158,738	110	24.00	302	434,553
Wed-8/4/10	40,647	28	24.00	122,372	85	24.00	112,920	78	24.00	158,741	110	24.00	302	434,680
Thu-8/5/10	40,979	28	24.00	122,351	85	24.00	111,480	79	23.58	97,899	110	14.80	259	372,709
Fri-8/6/10	41,060	29	24.00	122,345	85	24.00	112,738	78	24.00	76,804	148	8.62	245	352,947
Sat-8/7/10	41,075	29	24.00	122,366	85	24.00	112,690	78	24.00	124,975	110	18.87	279	401,106
Sun-8/8/10	41,086	29	24.00	122,352	85	24.00	112,831	78	24.00	158,713	110	24.00	302	434,982
Mon-8/9/10	41,139	29	24.00	122,353	85	24.00	113,692	79	24.00	158,680	110	24.00	303	435,864
Tue-8/10/10	41,174	29	24.00	127,716	89	24.00	114,208	79	24.00	164,124	114	24.00	311	447,222
Wed-8/11/10	41,212	29	24.00	105,496	88	20.02	114,414	79	24.00	162,231	113	24.00	294	423,353
Thu-8/12/10	41,242	29	24.00	84,262	85	16.50	114,403	79	24.00	164,389	114	24.00	281	404,296
Fri-8/13/10	41,236	29	24.00	122,395	85	24.00	114,249	79	24.00	165,968	115	24.00	308	443,848
Sat-8/14/10	41,244	29	24.00	122,283	85	24.00	114,266	79	24.00	165,678	115	24.00	308	443,471
Sun-8/15/10	41,298	29	24.00	122,365	85	24.00	114,321	79	24.00	165,970	115	24.00	308	443,954
Mon-8/16/10	42,346	29	24.00	122,319	85	24.00	114,211	79	24.00	165,898	115	24.00	309	444,774
Tue-8/17/10	42,586	30	24.00	122,375	85	24.00	114,323	79	24.00	165,681	115	24.00	309	444,965
Wed-8/18/10	43,121	30	24.00	129,710	90	24.00	114,458	79	24.00	165,888	115	24.00	315	453,177
Thu-8/19/10	42,837	30	24.00	142,291	99	24.00	114,371	79	24.00	165,930	115	24.00	323	465,429
Fri-8/20/10	42,754	30	24.00	144,009	100	24.00	113,881	79	24.00	165,953	115	24.00	324	466,597
Sat-8/21/10	42,677	30	24.00	144,010	100	24.00	114,525	80	24.00	165,848	115	24.00	324	467,060
Sun-8/22/10	42,529	30	24.00	143,991	100	24.00	114,399	79	24.00	165,879	115	24.00	324	466,798
Mon-8/23/10	42,382	29	24.00	143,982	100	24.00	114,131	79	24.00	165,867	115	24.00	324	466,362
Tue-8/24/10	42,325	29	24.00	143,980	100	24.00	114,090	79	24.00	165,889	115	24.00	324	466,284
Wed-8/25/10	42,267	29	24.00	143,946	100	24.00	114,171	79	24.00	165,896	115	24.00	324	466,280
Thu-8/26/10	42,108	29	24.00	143,914	100	24.00	113,887	79	24.00	165,843	115	24.00	323	465,752
Fri-8/27/10	42,030	29	24.00	143,996	100	24.00	113,934	79	24.00	165,879	115	24.00	323	465,839
Sat-8/28/10	41,967	29	24.00	143,948	100	24.00	113,509	79	24.00	165,910	115	24.00	323	465,334
Sun-8/29/10	41,900	29	24.00	143,901	100	24.00	113,395	79	24.00	165,946	115	24.00	323	465,142
Mon-8/30/10	41,831	29	24.00	143,906	100	24.00	113,342	79	24.00	165,984	115	24.00	323	465,063
Tue-8/31/10	41,805	29	24.00	143,881	100	24.00	113,186	79	24.00	165,958	115	24.00	323	464,830
TOTALS	1,292,971	29	744.00	4,029,884	92	732.52	3,524,028	79	743.58	4,894,428	115	714.29	308	13,741,311

TOTAL VOLUME EXTRACTED :	13,741,311 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	307.83 GPM

8/5/10 - 8/7/10 - TW-21 was shut down for maintenance.
 8/12/10 - TW-9 was shut down for maintenance.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Aug-10**

Date	LB-1			LB-3			AE-3			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Sun-8/1/10	136,861	95	24.00	103,853	72	24.00	21,509	15	24.00	182	262,223
Mon-8/2/10	136,852	95	24.00	103,780	72	24.00	21,494	15	24.00	182	262,126
Tue-8/3/10	136,850	95	24.00	103,730	72	24.00	21,487	15	24.00	182	262,067
Wed-8/4/10	136,847	95	24.00	103,742	72	23.98	21,492	15	24.00	182	262,081
Thu-8/5/10	136,847	95	24.00	103,742	72	23.98	21,492	15	24.00	182	262,081
Fri-8/6/10	136,856	95	24.00	103,765	72	24.00	21,490	15	24.00	182	262,111
Sat-8/7/10	136,861	95	24.00	103,650	72	24.00	21,489	15	24.00	182	262,000
Sun-8/8/10	136,854	95	24.00	103,720	72	24.00	21,466	15	24.00	182	262,040
Mon-8/9/10	136,855	95	24.00	103,562	72	24.00	21,462	15	24.00	182	261,879
Tue-8/10/10	136,850	95	24.00	103,802	72	24.00	21,454	15	24.00	182	262,106
Wed-8/11/10	136,851	95	24.00	103,666	72	23.98	21,445	15	24.00	182	261,962
Thu-8/12/10	136,851	95	23.98	103,703	72	24.00	21,448	15	24.00	182	262,002
Fri-8/13/10	136,851	95	24.00	103,546	72	24.00	21,445	15	24.00	182	261,842
Sat-8/14/10	136,847	95	24.00	103,570	72	24.00	21,471	15	24.00	182	261,888
Sun-8/15/10	136,850	95	24.00	103,438	72	24.00	21,455	15	24.00	182	261,743
Mon-8/16/10	136,857	95	24.00	103,524	72	24.00	21,459	15	24.00	182	261,840
Tue-8/17/10	136,857	95	24.00	103,478	72	24.00	21,475	15	24.00	182	261,810
Wed-8/18/10	136,861	95	24.00	103,711	72	23.98	21,481	15	24.00	182	262,053
Thu-8/19/10	136,860	95	23.98	103,872	72	24.00	21,473	15	24.00	182	262,205
Fri-8/20/10	136,853	95	24.00	103,827	72	24.00	21,466	15	24.00	182	262,146
Sat-8/21/10	136,867	95	24.00	103,642	72	24.00	21,477	15	24.00	182	261,986
Sun-8/22/10	136,873	95	24.00	103,868	72	24.00	21,478	15	24.00	182	262,219
Mon-8/23/10	136,870	95	24.00	103,794	72	24.00	21,473	15	24.00	182	262,137
Tue-8/24/10	136,868	95	24.00	103,808	72	24.00	21,566	15	24.00	182	262,242
Wed-8/25/10	136,863	95	24.00	103,805	72	23.98	21,557	15	24.00	182	262,225
Thu-8/26/10	136,864	95	23.98	103,706	72	24.00	21,717	15	24.00	182	262,287
Fri-8/27/10	136,866	95	24.00	103,723	72	24.00	21,735	15	24.00	182	262,324
Sat-8/28/10	136,863	95	24.00	103,717	72	24.00	21,719	15	24.00	182	262,299
Sun-8/29/10	136,857	95	24.00	103,681	72	24.00	21,707	15	24.00	182	262,245
Mon-8/30/10	136,853	95	24.00	103,570	72	24.00	21,703	15	24.00	182	262,126
Tue-8/31/10	136,851	95	24.00	103,621	72	23.98	21,704	15	24.00	182	262,176
TOTALS	4,242,566	95	743.94	3,214,616	72	743.88	667,289	15	744.00	182	8,124,471

TOTAL VOLUME EXTRACTED :	8,124,471 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	182.00 GPM

TABLE #3

CORE AREA EXTRACTION DATA

Month of: **Aug-10**

Core Area Well Extraction															Daily	Daily	
Date	TW-1			TW-2 (Dolph)			TW-10			TW-14			TW-20			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Sun-8/1/10	53,408	37	24.00	80,776	56	24.00	129,965	90	24.00	122,356	85	24.00	86,498	60	24.00	328	473,003
Mon-8/2/10	53,423	37	24.00	80,734	56	24.00	129,654	90	24.00	122,370	85	24.00	86,490	60	24.00	328	472,671
Tue-8/3/10	53,436	37	24.00	80,711	56	24.00	126,218	88	24.00	122,399	85	24.00	86,489	60	24.00	326	469,253
Wed-8/4/10	53,502	37	24.00	80,732	56	24.00	122,288	85	24.00	122,346	85	24.00	86,484	60	24.00	323	465,352
Thu-8/5/10	53,618	37	24.00	81,248	56	24.00	122,148	85	24.00	122,374	85	24.00	86,494	60	24.00	324	465,882
Fri-8/6/10	53,614	37	24.00	81,282	56	24.00	128,129	89	24.00	122,330	85	24.00	86,497	60	24.00	328	471,852
Sat-8/7/10	53,555	37	24.00	80,871	56	24.00	128,729	89	24.00	122,400	85	24.00	86,508	60	24.00	328	472,063
Sun-8/8/10	53,571	37	24.00	80,605	56	24.00	128,698	89	24.00	122,350	85	24.00	86,484	60	24.00	328	471,708
Mon-8/9/10	53,588	37	24.00	80,649	56	24.00	127,824	89	24.00	122,367	85	24.00	86,490	60	24.00	327	470,918
Tue-8/10/10	53,553	37	24.00	80,580	56	24.00	127,175	88	24.00	127,794	89	24.00	86,569	60	24.00	330	475,671
Wed-8/11/10	53,581	37	24.00	80,645	56	24.00	124,892	87	24.00	129,620	90	24.00	86,635	60	24.00	330	475,373
Thu-8/12/10	53,523	37	24.00	80,604	56	24.00	122,488	85	24.00	129,642	90	24.00	86,546	60	24.00	328	472,803
Fri-8/13/10	53,492	37	24.00	80,554	56	24.00	123,028	85	24.00	129,601	90	24.00	86,332	60	24.00	328	473,007
Sat-8/14/10	53,491	37	24.00	80,563	56	24.00	123,074	85	24.00	129,630	90	24.00	86,407	60	24.00	329	473,165
Sun-8/15/10	53,491	37	24.00	80,544	56	24.00	122,519	85	24.00	129,539	90	24.00	86,481	60	24.00	328	472,574
Mon-8/16/10	53,496	37	24.00	80,474	56	24.00	122,280	85	24.00	129,550	90	24.00	86,500	60	24.00	328	472,300
Tue-8/17/10	53,585	37	24.00	80,453	56	24.00	122,144	85	24.00	129,555	90	24.00	86,498	60	24.00	328	472,235
Wed-8/18/10	53,747	37	24.00	80,504	56	24.00	122,857	85	24.00	123,730	86	24.00	86,504	60	24.00	325	467,342
Thu-8/19/10	53,620	37	24.00	80,587	56	24.00	122,941	85	24.00	122,487	85	24.00	86,507	60	24.00	324	466,142
Fri-8/20/10	53,624	37	24.00	80,519	56	24.00	122,475	85	24.00	122,410	85	24.00	86,504	60	24.00	323	465,532
Sat-8/21/10	53,629	37	24.00	80,507	56	24.00	122,440	85	24.00	122,385	85	24.00	86,504	60	24.00	323	465,465
Sun-8/22/10	53,596	37	24.00	80,485	56	24.00	120,647	84	24.00	122,350	85	24.00	86,498	60	24.00	322	463,576
Mon-8/23/10	53,647	37	24.00	80,512	56	24.00	120,202	83	24.00	122,437	85	24.00	86,508	60	24.00	322	463,306
Tue-8/24/10	53,656	37	24.00	80,501	56	24.00	120,644	84	24.00	122,467	85	24.00	86,506	60	24.00	322	463,774
Wed-8/25/10	53,621	37	24.00	80,463	56	24.00	120,199	83	24.00	122,412	85	24.00	86,506	60	24.00	322	463,201
Thu-8/26/10	53,590	37	24.00	80,371	56	24.00	118,677	82	24.00	122,415	85	24.00	86,503	60	24.00	321	461,556
Fri-8/27/10	53,661	37	24.00	80,432	56	24.00	118,947	83	24.00	122,448	85	24.00	86,505	60	24.00	321	461,993
Sat-8/28/10	53,666	37	24.00	80,433	56	24.00	118,578	82	24.00	122,396	85	24.00	86,513	60	24.00	321	461,586
Sun-8/29/10	53,679	37	24.00	80,421	56	24.00	118,071	82	24.00	122,477	85	24.00	86,493	60	24.00	320	461,141
Mon-8/30/10	53,699	37	24.00	80,403	56	24.00	117,727	82	24.00	122,447	85	24.00	86,474	60	24.00	320	460,750
Tue-8/31/10	53,609	37	24.00	80,347	56	24.00	116,635	81	24.00	122,386	85	24.00	86,515	60	24.00	319	459,492
TOTALS	1,660,971		744.00	2,498,510	56	744.00	3,812,293	85	744.00	3,851,470	86	744.00	2,681,442	60	744.00	325	14,504,686

TOTAL VOLUME EXTRACTED :	14,504,686 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	324.93 GPM

MARSHY AREA EXTRACTION DATA

Month of: **Aug-10**

Marshy Well Extraction				Daily	Daily
Date	PW-1			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Sun-8/1/10	7,875	5	24.00	5	7,875
Mon-8/2/10	7,886	5	24.00	5	7,886
Tue-8/3/10	7,913	5	24.00	5	7,913
Wed-8/4/10	7,894	5	24.00	5	7,894
Thu-8/5/10	7,872	5	24.00	5	7,872
Fri-8/6/10	7,837	5	24.00	5	7,837
Sat-8/7/10	7,797	5	24.00	5	7,797
Sun-8/8/10	7,725	5	24.00	5	7,725
Mon-8/9/10	7,692	5	24.00	5	7,692
Tue-8/10/10	7,635	5	24.00	5	7,635
Wed-8/11/10	7,612	5	24.00	5	7,612
Thu-8/12/10	7,643	5	24.00	5	7,643
Fri-8/13/10	7,631	5	24.00	5	7,631
Sat-8/14/10	7,602	5	24.00	5	7,602
Sun-8/15/10	7,605	5	24.00	5	7,605
Mon-8/16/10	7,710	5	24.00	5	7,710
Tue-8/17/10	7,749	5	24.00	5	7,749
Wed-8/18/10	7,765	5	24.00	5	7,765
Thu-8/19/10	7,688	5	24.00	5	7,688
Fri-8/20/10	7,648	5	24.00	5	7,648
Sat-8/21/10	7,641	5	24.00	5	7,641
Sun-8/22/10	7,792	5	24.00	5	7,792
Mon-8/23/10	7,749	5	24.00	5	7,749
Tue-8/24/10	7,707	5	24.00	5	7,707
Wed-8/25/10	7,650	5	24.00	5	7,650
Thu-8/26/10	7,571	5	24.00	5	7,571
Fri-8/27/10	7,286	5	24.00	5	7,286
Sat-8/28/10	7,178	5	24.00	5	7,178
Sun-8/29/10	6,782	5	24.00	5	6,782
Mon-8/30/10	6,509	5	24.00	5	6,509
Tue-8/31/10	6,400	4	24.00	4	6,400
TOTALS	235,044	5	744.00	5	235,044

TOTAL VOLUME EXTRACTED :	235,044 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	5.27 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: Aug-10

South West Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Sun-8/1/10	53,553	37	24.00	37	53,553
Mon-8/2/10	53,495	37	24.00	37	53,495
Tue-8/3/10	53,474	37	24.00	37	53,474
Wed-8/4/10	53,497	37	24.00	37	53,497
Thu-8/5/10	53,805	37	24.00	37	53,805
Fri-8/6/10	53,795	37	24.00	37	53,795
Sat-8/7/10	53,507	37	24.00	37	53,507
Sun-8/8/10	53,351	37	24.00	37	53,351
Mon-8/9/10	53,331	37	24.00	37	53,331
Tue-8/10/10	53,257	37	24.00	37	53,257
Wed-8/11/10	53,278	37	24.00	37	53,278
Thu-8/12/10	53,236	37	24.00	37	53,236
Fri-8/13/10	53,165	37	24.00	37	53,165
Sat-8/14/10	53,167	37	24.00	37	53,167
Sun-8/15/10	53,132	37	24.00	37	53,132
Mon-8/16/10	53,074	37	24.00	37	53,074
Tue-8/17/10	53,124	37	24.00	37	53,124
Wed-8/18/10	53,137	37	24.00	37	53,137
Thu-8/19/10	53,173	37	24.00	37	53,173
Fri-8/20/10	53,032	37	24.00	37	53,032
Sat-8/21/10	53,397	37	24.00	37	53,397
Sun-8/22/10	53,260	37	24.00	37	53,260
Mon-8/23/10	53,221	37	24.00	37	53,221
Tue-8/24/10	53,192	37	24.00	37	53,192
Wed-8/25/10	53,153	37	24.00	37	53,153
Thu-8/26/10	52,955	37	24.00	37	52,955
Fri-8/27/10	53,066	37	24.00	37	53,066
Sat-8/28/10	53,002	37	24.00	37	53,002
Sun-8/29/10	52,877	37	24.00	37	52,877
Mon-8/30/10	52,796	37	24.00	37	52,796
Tue-8/31/10	52,784	37	24.00	37	52,784
TOTALS	1,650,286	37	744.00	37	1,650,286

TOTAL VOLUME EXTRACTED :	1,650,286 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	36.97 GPM

Note: ACTIVE WELLS = TW-8 & TW-13

UNIT "E" EXTRACTION DATA

Month of: Aug-10

Date	TW-11			TW-17			TW-18			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Sun-8/1/10	88,586	62	24.00	129,610	90	24.00	161,425	112	24.00	264	379,621
Mon-8/2/10	88,689	62	24.00	129,612	90	24.00	161,224	112	23.97	264	379,525
Tue-8/3/10	88,929	62	24.00	129,624	90	24.00	161,458	112	24.00	264	380,011
Wed-8/4/10	89,085	62	24.00	129,622	90	24.00	161,387	112	24.00	264	380,094
Thu-8/5/10	85,341	62	22.88	129,605	90	24.00	97,872	112	14.57	217	312,818
Fri-8/6/10	91,680	64	24.00	129,611	90	24.00	76,801	151	8.45	207	298,092
Sat-8/7/10	91,379	63	24.00	129,624	90	24.00	129,050	113	19.12	243	350,053
Sun-8/8/10	90,888	63	24.00	129,636	90	24.00	161,466	112	24.00	265	381,990
Mon-8/9/10	88,152	61	24.00	129,613	90	24.00	161,302	112	24.00	263	379,067
Tue-8/10/10	86,499	60	24.00	129,648	90	24.00	166,961	116	24.00	266	383,108
Wed-8/11/10	86,292	60	24.00	129,629	90	24.00	164,842	114	24.00	264	380,763
Thu-8/12/10	86,297	60	24.00	129,626	90	24.00	167,102	116	24.00	266	383,025
Fri-8/13/10	86,337	60	24.00	129,632	90	24.00	168,665	117	24.00	267	384,634
Sat-8/14/10	86,263	60	24.00	129,622	90	24.00	168,429	117	23.98	267	384,314
Sun-8/15/10	86,032	60	24.00	129,628	90	24.00	168,691	117	24.00	267	384,351
Mon-8/16/10	86,008	60	24.00	129,617	90	24.00	168,658	117	24.00	267	384,283
Tue-8/17/10	86,112	60	24.00	129,613	90	24.00	168,433	117	23.98	267	384,158
Wed-8/18/10	85,881	60	24.00	123,835	86	24.00	157,217	109	24.00	255	366,933
Thu-8/19/10	85,669	59	24.00	122,444	85	24.00	146,709	102	24.00	246	354,822
Fri-8/20/10	85,221	59	24.00	122,396	85	24.00	152,325	106	24.00	250	359,942
Sat-8/21/10	85,360	59	24.00	122,382	85	24.00	153,884	107	24.00	251	361,626
Sun-8/22/10	85,483	59	24.00	122,425	85	24.00	154,035	107	24.00	251	361,943
Mon-8/23/10	86,143	60	24.00	122,373	85	24.00	153,999	107	24.00	252	362,515
Tue-8/24/10	86,108	60	24.00	122,400	85	24.00	157,314	109	24.00	254	365,822
Wed-8/25/10	85,662	59	24.00	122,402	85	24.00	161,270	112	24.00	256	369,334
Thu-8/26/10	85,437	59	24.00	122,390	85	24.00	161,288	112	24.00	256	369,115
Fri-8/27/10	86,148	60	24.00	122,422	85	24.00	161,342	112	24.00	257	369,912
Sat-8/28/10	87,356	61	24.00	122,387	85	24.00	161,296	112	24.00	258	371,039
Sun-8/29/10	87,257	61	24.00	122,445	85	24.00	161,352	112	24.00	258	371,054
Mon-8/30/10	87,121	61	24.00	122,412	85	24.00	161,410	112	24.00	258	370,943
Tue-8/31/10	86,906	60	24.00	122,429	85	24.00	164,770	114	24.00	260	374,105
TOTALS	2,698,321	61	742.88	3,918,714	88	744.00	4,821,977	113	714.07	256	11,439,012

TOTAL VOLUME EXTRACTED :	11,439,012 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	256.25 GPM

8/5/10 - TW-11 was shut down for maintenance.
 8/5/10-8/7/10 - TW-18 was shut down for maintenance.

TABLE #7
Western System Purging

Date	Gallons Purged
8/5/2010	36,000

Western System MW-53i	
Date	1,4 Dioxane ug/L
06/09/00	144
07/12/00	170
07/17/00	125
07/24/00	160
07/31/00	120
08/08/00	141
08/14/00	160
08/21/00	130
08/28/00	160
09/05/00	170
09/11/00	190
09/18/00	160
09/25/00	140
10/02/00	140
10/09/00	180
10/16/00	180
10/23/00	120
10/30/00	140
11/06/00	143
11/20/00	150

Western System MW-53i	
Date	1,4 Dioxane ug/L
12/04/00	105
12/11/00	124
12/19/00	114
01/08/01	79
01/22/01	160
01/31/01	126
02/06/01	140
02/13/01	115
02/20/01	162
03/01/01	123
03/09/01	172
03/16/01	179
03/22/01	164
03/26/01	136
04/02/01	177
04/09/01	111
04/23/01	110
05/07/01	119
05/30/01	115
06/12/01	128

Western System MW-53i	
Date	1,4 Dioxane ug/L
06/25/01	135
07/09/01	149
07/25/01	119
08/07/01	184
08/20/01	150
09/11/01	148
09/24/01	102
10/09/01	141
10/29/01	122
11/13/01	117
11/26/01	118
12/17/01	104
01/02/02	122
01/21/02	120
02/08/02	110
02/19/02	100
03/04/02	105
03/18/02	97
04/01/02	106
04/15/02	109

Western System MW-53i	
Date	1,4 Dioxane ug/L
04/29/02	106
05/13/02	118
06/03/02	107
06/17/02	119
07/01/02	113
07/15/02	108
08/09/02	110
08/19/02	98
09/23/02	103
10/24/02	139
11/26/02	158
12/03/02	154
01/13/03	142
02/12/03	112
02/20/03	142
02/27/03	104
03/06/03	101
03/14/03	99
03/17/03	93
04/04/03	72

Western System MW-53i	
Date	1,4 Dioxane ug/L
04/11/03	77
04/18/03	69
05/02/03	63
05/16/03	65
06/06/03	57
07/09/03	76
08/22/03	72
09/11/03	75
10/02/03	66
11/13/03	63
12/09/03	57
01/06/04	72
01/07/04	74
02/16/04	58
03/02/04	61
04/01/04	64
05/11/04	61
06/02/04	63
07/02/04	58
08/18/04	59

Western System MW-53i	
Date	1,4 Dioxane ug/L
09/07/04	62
10/21/04	55
11/09/04	56
12/01/04	59
01/07/05	66
02/14/05	70
03/10/05	66
04/07/05	57
05/13/05	51
06/09/05	59
07/08/05	53
08/11/05	55
09/12/05	50
10/04/05	47
11/15/05	47
12/14/05	47
01/12/06	48
02/08/06	45
03/07/06	55
04/10/06	45

Western System MW-53i	
Date	1,4 Dioxane ug/L
05/04/06	59
06/06/06	47
07/07/06	47
08/11/06	51
09/05/06	57
10/09/06	50
11/14/06	51
12/04/06	48
01/04/07	50
02/12/07	50
03/05/07	60
04/03/07	58
07/11/07	66
10/04/07	55
01/24/08	48
04/07/08	43
07/23/08	54
10/07/08	47
01/20/09	47
04/10/09	38

Western System MW-53i	
Date	1,4 Dioxane ug/L
07/13/09	46
10/06/09	52
01/13/10	43
04/20/10	34
07/13/10	38

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
05/02/03	139
05/19/03	129
07/23/03	126
08/04/03	157
09/11/03	127
10/02/03	135
11/20/03	145
12/09/03	175
01/06/04	146
02/16/04	134
03/02/04	182
04/01/04	168

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
05/11/04	160
06/02/04	150
07/07/04	110
08/18/04	150
09/07/04	147
10/07/04	123
11/09/04	120
12/01/04	160
01/07/05	174
02/14/05	129
03/10/05	161
04/07/05	169

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
05/13/05	135
06/27/05	128
07/08/05	121
08/11/05	139
09/12/05	118
10/24/05	119
11/15/05	115
12/14/05	140
01/12/06	119
02/14/06	113
03/02/06	125
04/10/06	116

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
05/04/06	122
06/01/06	117
07/07/06	116
08/03/06	119
09/06/06	112
10/05/06	119
11/14/06	117
12/07/06	108
01/11/07	112
02/01/07	108
03/06/07	105
04/05/07	106

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
05/03/07	104
06/07/07	112
07/12/07	116
08/07/07	109
09/06/07	105
10/04/07	113
10/04/07	108
10/04/07	106
11/01/07	111
12/06/07	105
01/03/08	101
03/06/08	102

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
04/03/08	92
05/01/08	94
06/05/08	98
07/10/08	101
08/07/08	92
09/04/08	84
10/02/08	91
11/05/08	105
12/09/08	101
01/13/09	97
02/05/09	97
03/05/09	98

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
04/02/09	98
05/07/09	100
06/04/09	93
07/09/09	96
08/06/09	105
09/03/09	100
10/01/09	91
11/05/09	90
12/03/09	71
01/07/10	93
02/04/10	89
03/04/10	87

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
04/01/10	88
05/06/10	87
06/10/10	89
07/08/10	99
08/05/10	98

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	1,4-DIOXANE (ppb)
AE-3-08-02-10-09:52	144
HZ-S-08-02-10-09:38	999
LB-1-08-02-10-09:47	571
LB-3-08-02-10-09:50	541
PW-1-08-02-10-09:48	572
SW-COMB-08-02-10-09:45	538
DOLPH-08-02-10-09:00	86
TW-5-08-02-10-09:05	900
TW-8-08-02-10-10:55	495
TW-9-08-02-10-09:35	1,005
TW-10-08-02-10-09:15	710
TW-13-08-02-10-09:55	643
TW-14-08-02-10-09:32	105
TW-17-08-02-10-09:28	101
TW-18-08-02-10-09:47	349
TW-20-08-02-10-09:18	1,669

RED POND DATA

Month of: Aug-10

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Sun-8/1/10	03:05:00	(1)		5.0	-	24.00	1,119
Mon-8/2/10	03:00:00		Y	5.1	-	24.00	1,118
Tue-8/3/10	03:00:00		Y	5.1	-	24.00	1,116
Wed-8/4/10	03:00:00		Y	5.2	-	24.00	1,114
Thu-8/5/10	03:00:00		Y	5.1	-	24.00	1,024
Fri-8/6/10	03:00:00		Y	4.0	-	24.00	1,005
Sat-8/7/10	03:00:00	(1)		4.2	-	24.00	1,074
Sun-8/8/10	03:00:00	(1)		4.6	-	24.00	1,119
Mon-8/9/10	03:00:00		Y	4.7	-	24.00	1,117
Tue-8/10/10	03:00:00		Y	4.7	-	24.00	1,131
Wed-8/11/10	03:00:00		Y	4.9	-	24.00	1,113
Thu-8/12/10	03:00:00		Y	4.9	-	24.00	1,099
Fri-8/13/10	03:00:00		Y	4.8	-	24.00	1,128
Sat-8/14/10	03:00:00	(1)		4.9	-	24.00	1,128
Sun-8/15/10	03:00:00	(1)		5.1	-	24.00	1,127
Mon-8/16/10	03:00:00		Y	5.2	-	24.00	1,128
Tue-8/17/10	03:00:00		Y	5.3	-	24.00	1,128
Wed-8/18/10	03:00:00		Y	5.5	-	24.00	1,118
Thu-8/19/10	03:00:00		Y	5.4	-	24.00	1,118
Fri-8/20/10	03:00:00		Y	5.4	-	24.00	1,121
Sat-8/21/10	03:00:01	(1)		5.4	-	24.00	1,123
Sun-8/22/10	03:00:00	(1)		5.4	-	24.00	1,122
Mon-8/23/10	03:00:00		Y	5.4	-	24.00	1,122
Tue-8/24/10	03:00:00		Y	5.3	-	24.00	1,124
Wed-8/25/10	03:00:00		Y	5.4	-	24.00	1,126
Thu-8/26/10	03:00:00		Y	5.4	-	24.00	1,124
Fri-8/27/10	03:00:00		Y	5.4	-	24.00	1,125
Sat-8/28/10	03:00:00	(1)		5.4	-	24.00	1,125
Sun-8/29/10	03:00:00	(1)		5.3	-	24.00	1,124
Mon-8/30/10	03:00:01		Y	5.3	-	24.00	1,124
Tue-8/31/10	03:00:00		Y	5.3	-	24.00	1,125
TOTALS			-	-	-	744	

Daily readings are collected by the Operator at various times of the day, resulting in varied readings and calculations.

(1) Manual readings were not taken due to weekend and/or holiday.

TABLE #10

RED POND CONCENTRATIONS

Concentrations of 1,4-Dioxane found in the Red Pond

SAMPLE ID	1,4-DIOXANE (ppb)
Red Pond-08-02-10-07:40	518
Red Pond-08-09-10-08:15	513
Red Pond-08-16-10-08:00	430
Red Pond-08-23-10-08:05	435
Red Pond-08-30-10-08:05	412

OZONE OPERATION REPORT

Month of: Aug-10

Date	Time	Notes	SYSTEM-1A		SYSTEM-1B		SYSTEM-2A		SYSTEM-2B	
			Flow GPM	Run Hours						
Sun-8/1/10	03:07:00	(1)	370	24.00	369	24.00	371	24.00	0	0.00
Mon-8/2/10	03:00:00		370	24.00	369	24.00	370	24.00	0	0.00
Tue-8/3/10	03:00:00		370	24.00	370	24.00	369	24.00	0	0.00
Wed-8/4/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Thu-8/5/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Fri-8/6/10	03:00:00		370	24.00	369	16.93	370	24.00	0	0.00
Sat-8/7/10	03:00:00	(1)	370	24.00	0	18.82	370	24.00	0	0.00
Sun-8/8/10	03:00:00	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Mon-8/9/10	03:00:00		370	24.00	369	24.00	371	24.00	0	0.00
Tue-8/10/10	03:00:00		370	24.00	369	24.00	370	24.00	0	0.00
Wed-8/11/10	03:00:00		370	24.00	369	24.00	370	24.00	0	0.00
Thu-8/12/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Fri-8/13/10	03:00:00		369	24.00	370	24.00	370	24.00	0	0.00
Sat-8/14/10	03:00:00	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Sun-8/15/10	03:00:00	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Mon-8/16/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Tue-8/17/10	03:00:00		370	24.00	371	24.00	370	24.00	0	0.00
Wed-8/18/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Thu-8/19/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Fri-8/20/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Sat-8/21/10	03:00:01	(1)	370	24.00	370	24.00	369	24.00	0	0.00
Sun-8/22/10	03:00:00	(1)	370	24.00	370	24.00	371	24.00	0	0.00
Mon-8/23/10	03:00:00		370	24.00	370	24.00	371	24.00	0	0.00
Tue-8/24/10	03:00:00		370	24.00	370	24.00	369	24.00	0	0.00
Wed-8/25/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Thu-8/26/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Fri-8/27/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Sat-8/28/10	03:00:00	(1)	370	24.00	371	24.00	369	24.00	0	0.00
Sun-8/29/10	03:00:00	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Mon-8/30/10	03:00:01		370	24.00	371	24.00	370	24.00	0	0.00
Tue-8/31/10	03:00:00		370	24.00	369	24.00	371	24.00	0	0.00

Daily readings are collected by the Operator at various times of the day, resulting in varied readings and calculations.

(1) Manual readings were not taken due to weekend and/or holiday.

8/6/10-8/7/10 - System-1B was shut down to adjust the Pond level.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: Aug-10

Date	Time	Notes	Green Pond																	
			Pond		Level	Aeration	Influent	Influent	Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	Feet	Hours	Hours	GPM	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	
Sun-8/1/10	03:05:00	(1)		-	-	-					1,147	1,651,114	24.00	-	-	-	-	-	-	
Mon-8/2/10	03:00:00		Y	-	-	-					1,146	1,650,832	24.00	-	-	-	-	-	-	
Tue-8/3/10	03:00:00		Y	-	-	-					1,146	1,650,915	24.00	-	-	-	-	-	-	
Wed-8/4/10	03:00:00		Y	-	-	-					1,147	1,651,139	24.00	-	-	-	-	-	-	
Thu-8/5/10	03:00:00		Y	-	-	-					1,147	1,651,730	24.00	-	-	-	-	-	-	
Fri-8/6/10	03:00:00		Y	-	-	-					1,039	1,496,347	24.00	-	-	-	-	-	-	
Sat-8/7/10	03:00:00	(1)		-	-	-					1,061	1,527,171	24.00	-	-	-	-	-	-	
Sun-8/8/10	03:00:00	(1)		-	-	-					1,147	1,651,179	24.00	-	-	-	-	-	-	
Mon-8/9/10	03:00:00		Y	-	-	-					1,147	1,651,562	24.00	-	-	-	-	-	-	
Tue-8/10/10	03:00:00		Y	-	-	-					1,147	1,651,101	24.00	-	-	-	-	-	-	
Wed-8/11/10	03:00:00		Y	-	-	-					1,147	1,651,829	24.00	-	-	-	-	-	-	
Thu-8/12/10	03:00:00		Y	-	-	-					1,147	1,651,751	24.00	-	-	-	-	-	-	
Fri-8/13/10	03:00:00		Y	-	-	-					1,147	1,652,098	24.00	-	-	-	-	-	-	
Sat-8/14/10	03:00:00	(1)		-	-	-					1,147	1,652,301	24.00	-	-	-	-	-	-	
Sun-8/15/10	03:00:00	(1)		-	-	-					1,148	1,652,472	24.00	-	-	-	-	-	-	
Mon-8/16/10	03:00:00		Y	-	-	-					1,148	1,652,757	24.00	-	-	-	-	-	-	
Tue-8/17/10	03:00:00		Y	-	-	-					1,147	1,651,892	24.00	-	-	-	-	-	-	
Wed-8/18/10	03:00:00		Y	-	-	-					1,147	1,652,272	24.00	-	-	-	-	-	-	
Thu-8/19/10	03:00:00		Y	-	-	-					1,147	1,652,333	24.00	-	-	-	-	-	-	
Fri-8/20/10	03:00:00		Y	-	-	-					1,148	1,652,609	24.00	-	-	-	-	-	-	
Sat-8/21/10	03:00:01	(1)		-	-	-					1,148	1,653,090	24.00	-	-	-	-	-	-	
Sun-8/22/10	03:00:00	(1)		-	-	-					1,148	1,652,746	24.00	-	-	-	-	-	-	
Mon-8/23/10	03:00:00		Y	-	-	-					1,148	1,652,434	24.00	-	-	-	-	-	-	
Tue-8/24/10	03:00:00		Y	-	-	-					1,148	1,652,407	24.00	-	-	-	-	-	-	
Wed-8/25/10	03:00:00		Y	-	-	-					1,148	1,652,905	24.00	-	-	-	-	-	-	
Thu-8/26/10	03:00:00		Y	-	-	-					1,148	1,653,154	24.00	-	-	-	-	-	-	
Fri-8/27/10	03:00:00		Y	-	-	-					1,148	1,652,977	24.00	-	-	-	-	-	-	
Sat-8/28/10	03:00:00	(1)		-	-	-					1,148	1,652,766	24.00	-	-	-	-	-	-	
Sun-8/29/10	03:00:00	(1)		-	-	-					1,148	1,652,492	24.00	-	-	-	-	-	-	
Mon-8/30/10	03:00:01		Y	-	-	-					1,148	1,652,485	24.00	-	-	-	-	-	-	
Tue-8/31/10	03:00:00		Y	-	-	-					1,148	1,652,850	24.00	-	-	-	-	-	-	
TOTALS				-	-	-					50,935,710	744		-	-	-	-	-	-	

Daily readings are collected by the Operator at various times of the day, resulting in varied readings and calculations.

(1) Manual readings were not taken due to weekend and/or holiday.

TABLE #13
Daily Discharge Monitoring Report

	(Daily)	(Influent - Red Pond)	(Effluent - Outfall)	(Effluent - Outfall)	(Weekly)	(2 x Week)	(4 x Week)	(5 X Week)	(2 X Week)
PARAMETER NAME	Flow	1,4-Dioxane	1,4-Dioxane	Hydrogen Peroxide (measured as TRO)	Outfall Observation	Equipment Inspection	pH	Bromate	Sodium Bisulfite Dose Rate
PARAMETER CODE	50050	82388	82388	00139	84130	46478	00400	99814	99798
MONITORING PT.	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE CODE	1	G	1	1	1	1	1	1	1
UNIT	MGD	mg/l	ug/l	ug/l	yes/no	yes/no	S.U.	ug/l	mg/l
8/1/2010	1.651		4					5	
8/2/2010	1.651	0.518	4	0	yes	yes	6.5	5	30
8/3/2010	1.651		4	0	no	no	6.7	7	
8/4/2010	1.651		4	0	no	no	6.6	6	
8/5/2010	1.652		5	0	no	yes	6.5	0	35
8/6/2010	1.496			0	no	no	6.5		
8/7/2010	1.527								
8/8/2010	1.651		5					0	
8/9/2010	1.652	0.513	5	100	yes	yes	6.5	5	21
8/10/2010	1.651		5	0	no	no	6.5	5	
8/11/2010	1.652		4	0	no	no	6.6	5	
8/12/2010	1.652		4	0	no	yes	6.6	6	19
8/13/2010	1.652			100	no	no	6.5		
8/14/2010	1.652								
8/15/2010	1.652		5					5	
8/16/2010	1.653	0.43	5	0	yes	yes	6.5	5	26
8/17/2010	1.652		5	0	no	no	6.6	5	
8/18/2010	1.652		4	100	no	no	6.6	0	
8/19/2010	1.652		4	0	no	yes	6.6	0	26
8/20/2010	1.653			0	no	no	6.5		
8/21/2010	1.653								
8/22/2010	1.653		3					6	
8/23/2010	1.652	0.435	3	100	yes	yes	6.6	6	21
8/24/2010	1.652		3	0	no	no	6.6	6	
8/25/2010	1.653		3	100	no	no	6.6	6	
8/26/2010	1.653		3	0	no	yes	6.6	6	30
8/27/2010	1.653			100	no	no	6.6		
8/28/2010	1.653								
8/29/2010	1.652		4					6	
8/30/2010	1.652	0.412	3	100	yes	yes	6.6	0	12
8/31/2010	1.653		4	0	no	no	6.6	6	
Discharged (mg)	50.936								
Monthly Avg			4					4	

Bromate: A zero value equals ND (less than 5 ppb)
 Oxalic Acid - A zero value equals ND (less than 150 ppb)
 Hydrogen Peroxide - A zero value equals ND (less than .1ppm)