

PALL Life Sciences

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JACKSON DISTRICT OFFICE
MDEQ - RRD

NOV 17 2010

RECEIVED

TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: Oct-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
Fri-10/1/10	39,014	27	24.00	76,992	85	15.10	116,113	81	24.00	184,645	128	24.00	289	416,764
Sat-10/2/10	39,008	27	24.00	122,508	85	24.00	116,202	81	24.00	158,842	110	24.00	303	436,560
Sun-10/3/10	39,058	27	24.00	122,513	85	24.00	117,030	81	24.00	158,020	110	24.00	303	436,621
Mon-10/4/10	39,023	27	24.00	122,518	85	24.00	117,014	81	24.00	158,513	110	24.00	304	437,068
Tue-10/5/10	39,002	27	24.00	122,504	85	24.00	117,167	81	24.00	117,757	106	18.45	275	396,430
Wed-10/6/10	38,981	27	24.00	122,536	85	24.00	117,133	81	24.00	161,218	112	24.00	305	439,868
Thu-10/7/10	38,914	27	24.00	122,417	85	24.00	116,919	81	24.00	165,775	115	24.00	308	444,025
Fri-10/8/10	38,826	27	24.00	122,399	85	24.00	116,628	81	24.00	165,789	115	24.00	308	443,642
Sat-10/9/10	38,750	27	24.00	122,557	85	24.00	116,510	81	24.00	165,590	115	24.00	308	443,407
Sun-10/10/10	38,747	27	24.00	122,581	85	24.00	116,220	81	24.00	165,844	115	24.00	308	443,392
Mon-10/11/10	38,716	27	24.00	122,477	85	24.00	116,143	81	24.00	165,593	115	24.00	308	442,929
Tue-10/12/10	38,617	27	24.00	122,578	85	24.00	115,767	80	24.00	165,782	115	24.00	307	442,744
Wed-10/13/10	38,535	27	24.00	122,578	85	24.00	115,755	80	24.00	165,731	115	24.00	307	442,599
Thu-10/14/10	38,446	27	24.00	122,470	85	24.00	115,814	80	24.00	165,523	115	24.00	307	442,253
Fri-10/15/10	38,401	27	24.00	122,585	85	24.00	115,832	80	24.00	165,727	115	24.00	307	442,545
Sat-10/16/10	38,321	27	24.00	122,515	85	24.00	115,772	80	24.00	165,492	115	24.00	307	442,100
Sun-10/17/10	38,279	27	24.00	122,468	85	24.00	115,658	80	24.00	165,737	115	24.00	307	442,142
Mon-10/18/10	38,213	27	24.00	122,477	85	24.00	115,898	80	24.00	165,708	115	24.00	307	442,296
Tue-10/19/10	38,159	26	24.00	122,454	85	24.00	115,991	81	24.00	165,458	115	24.00	307	442,062
Wed-10/20/10	38,190	27	24.00	122,476	85	24.00	116,192	81	24.00	165,719	115	24.00	307	442,577
Thu-10/21/10	37,754	26	23.82	122,562	85	24.00	115,976	81	24.00	165,664	115	24.00	307	441,956
Fri-10/22/10	37,942	26	24.00	122,593	85	24.00	115,847	80	24.00	165,213	115	24.00	307	441,595
Sat-10/23/10	37,900	26	24.00	122,562	85	24.00	115,916	80	24.00	165,741	115	24.00	307	442,119
Sun-10/24/10	37,957	26	24.00	117,256	85	22.98	116,033	81	24.00	165,559	115	24.00	303	436,805
Mon-10/25/10	37,972	26	24.00	86,983	85	17.05	116,243	81	24.00	165,543	115	24.00	282	406,741
Tue-10/26/10	37,668	26	24.00	122,465	85	24.00	116,259	81	24.00	165,507	115	24.00	307	441,899
Wed-10/27/10	37,577	26	24.00	122,343	85	24.00	116,062	81	24.00	165,750	115	24.00	307	441,732
Thu-10/28/10	37,043	26	23.72	122,459	85	24.00	115,574	80	24.00	165,184	115	24.00	306	440,260
Fri-10/29/10	37,408	26	24.00	122,626	85	24.00	115,460	80	24.00	165,689	115	24.00	306	441,183
Sat-10/30/10	37,537	26	24.00	122,567	85	24.00	115,528	80	24.00	165,663	115	24.00	306	441,295
Sun-10/31/10	37,292	26	24.00	122,443	85	24.00	115,246	80	24.00	165,401	115	24.00	306	440,382
TOTALS	1,187,250	27	743.53	3,711,462	85	727.13	3,599,902	81	744.00	5,079,377	115	738.45	304	13,577,991

TOTAL VOLUME EXTRACTED :	13,577,991 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	304.17 GPM

10/1/10 - TW-9 was shut down for maintenance.
 10/5/10 - TW-21 was shut down to adjust the Pond level.
 10/25/10 - TW-9 was shut down to adjust the Pond level.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Oct-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
Fri-10/1/10	136,892	95	24.00	115,337	80	24.00	21,448	15	24.00	190	273,677
Sat-10/2/10	136,899	95	24.00	115,303	80	24.00	21,454	15	24.00	190	273,656
Sun-10/3/10	136,905	95	24.00	115,229	80	24.00	21,523	15	24.00	190	273,657
Mon-10/4/10	136,905	95	24.00	115,441	80	24.00	21,555	15	24.00	190	273,901
Tue-10/5/10	136,906	95	23.98	115,324	80	23.98	21,562	15	24.00	190	273,792
Wed-10/6/10	136,903	95	24.00	115,384	80	24.00	21,566	15	24.00	190	273,853
Thu-10/7/10	136,892	95	24.00	115,306	80	24.00	21,553	15	24.00	190	273,751
Fri-10/8/10	136,893	95	24.00	115,307	80	24.00	21,563	15	24.00	190	273,763
Sat-10/9/10	136,884	95	24.00	115,290	80	24.00	21,550	15	24.00	190	273,724
Sun-10/10/10	136,883	95	24.00	115,443	80	24.00	21,539	15	24.00	190	273,865
Mon-10/11/10	136,884	95	24.00	115,384	80	23.98	21,533	15	24.00	190	273,801
Tue-10/12/10	136,889	95	23.98	115,210	80	24.00	21,524	15	24.00	190	273,623
Wed-10/13/10	136,900	95	24.00	115,358	80	24.00	21,532	15	24.00	190	273,790
Thu-10/14/10	136,895	95	24.00	115,382	80	24.00	21,544	15	24.00	190	273,821
Fri-10/15/10	136,898	95	24.00	115,244	80	24.00	21,540	15	24.00	190	273,682
Sat-10/16/10	136,894	95	24.00	115,365	80	24.00	21,543	15	24.00	190	273,802
Sun-10/17/10	136,896	95	24.00	115,315	80	24.00	21,506	15	24.00	190	273,717
Mon-10/18/10	136,893	95	24.00	115,266	80	23.98	21,486	15	24.00	190	273,645
Tue-10/19/10	136,898	95	23.98	115,235	80	24.00	21,492	15	24.00	190	273,625
Wed-10/20/10	136,900	95	24.00	115,269	80	24.00	21,495	15	24.00	190	273,664
Thu-10/21/10	136,906	95	24.00	115,204	80	24.00	21,484	15	24.00	190	273,594
Fri-10/22/10	136,914	95	24.00	115,380	80	24.00	21,478	15	24.00	190	273,772
Sat-10/23/10	136,901	95	24.00	115,355	80	24.00	21,469	15	24.00	190	273,725
Sun-10/24/10	136,885	95	24.00	115,383	80	24.00	21,462	15	24.00	190	273,730
Mon-10/25/10	136,888	95	24.00	115,418	80	23.98	21,454	15	24.00	190	273,760
Tue-10/26/10	136,892	95	23.98	115,300	80	24.00	21,474	15	24.00	190	273,666
Wed-10/27/10	136,899	95	24.00	115,186	80	24.00	21,471	15	24.00	190	273,556
Thu-10/28/10	136,900	95	24.00	115,375	80	24.00	21,454	15	24.00	190	273,729
Fri-10/29/10	136,906	95	24.00	115,247	80	24.00	21,534	15	24.00	190	273,687
Sat-10/30/10	136,910	95	24.00	115,390	80	24.00	21,607	15	24.00	190	273,907
Sun-10/31/10	136,923	95	24.00	115,195	80	24.00	21,594	15	24.00	190	273,712
TOTALS	4,243,833	95	743.92	3,574,825	80	743.92	666,989	15	744.00	190	8,485,647

TOTAL VOLUME EXTRACTED :	8,485,647 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	190.09 GPM

TABLE #3

CORE AREA EXTRACTION DATA

Month of: Oct-10

Core Area Well Extraction																Daily	Daily
Date	TW-1			TW-2 (Dolph)			TW-10			TW-14			TW-20			Flow GPM	Total Gallons
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.		
Fri-10/1/10	53,528	37	24.00	79,644	55	24.00	122,755	85	24.00	132,851	92	24.00	79,294	55	24.00	325	468,072
Sat-10/2/10	53,489	37	24.00	79,951	56	24.00	123,151	86	24.00	129,611	90	24.00	79,283	55	24.00	323	465,485
Sun-10/3/10	53,473	37	24.00	79,816	55	24.00	122,196	85	24.00	129,549	90	24.00	79,294	55	24.00	322	464,328
Mon-10/4/10	53,493	37	24.00	79,886	55	24.00	122,145	85	24.00	129,705	90	24.00	79,297	55	24.00	323	464,526
Tue-10/5/10	53,624	37	24.00	80,309	56	24.00	122,330	85	24.00	99,655	90	18.47	79,287	55	24.00	302	435,205
Wed-10/6/10	53,516	37	24.00	79,983	56	24.00	122,188	85	24.00	129,593	90	24.00	79,289	55	24.00	323	464,569
Thu-10/7/10	53,635	37	24.00	79,883	55	24.00	122,075	85	24.00	129,588	90	24.00	79,277	55	24.00	323	464,458
Fri-10/8/10	53,640	37	24.00	79,874	55	24.00	122,862	85	24.00	129,648	90	24.00	79,301	55	24.00	323	465,325
Sat-10/9/10	53,526	37	24.00	79,890	55	24.00	123,141	86	24.00	129,594	90	24.00	79,287	55	24.00	323	465,438
Sun-10/10/10	53,499	37	24.00	79,974	56	24.00	123,081	85	24.00	129,676	90	24.00	79,294	55	24.00	323	465,524
Mon-10/11/10	53,395	37	24.00	79,959	56	24.00	123,138	86	24.00	129,621	90	24.00	79,285	55	24.00	323	465,398
Tue-10/12/10	53,354	37	24.00	79,855	55	24.00	123,373	86	24.00	129,677	90	24.00	79,279	55	24.00	323	465,538
Wed-10/13/10	53,370	37	24.00	79,862	55	24.00	122,067	85	24.00	129,665	90	24.00	79,292	55	24.00	322	464,256
Thu-10/14/10	53,362	37	24.00	79,906	55	24.00	121,868	85	24.00	129,625	90	24.00	79,295	55	24.00	322	464,056
Fri-10/15/10	53,489	37	24.00	79,836	55	24.00	121,824	85	24.00	129,618	90	24.00	79,280	55	24.00	322	464,047
Sat-10/16/10	53,615	37	24.00	79,806	55	24.00	123,137	86	24.00	129,674	90	24.00	79,297	55	24.00	323	465,529
Sun-10/17/10	53,581	37	24.00	79,809	55	24.00	123,175	86	24.00	129,644	90	24.00	79,286	55	24.00	323	465,495
Mon-10/18/10	53,564	37	24.00	79,818	55	24.00	123,189	86	24.00	129,649	90	24.00	79,297	55	24.00	323	465,517
Tue-10/19/10	53,531	37	24.00	79,811	55	24.00	122,036	85	24.00	129,663	90	24.00	79,297	55	24.00	322	464,338
Wed-10/20/10	53,402	37	24.00	79,886	55	24.00	122,697	85	24.00	129,598	90	24.00	79,289	55	24.00	323	464,872
Thu-10/21/10	53,346	37	24.00	79,718	55	24.00	122,659	85	24.00	129,648	90	24.00	79,276	55	24.00	323	464,647
Fri-10/22/10	53,408	37	24.00	79,774	55	24.00	122,628	85	24.00	129,626	90	24.00	79,311	55	24.00	323	464,747
Sat-10/23/10	53,594	37	24.00	79,829	55	24.00	122,645	85	24.00	129,627	90	24.00	79,305	55	24.00	323	465,000
Sun-10/24/10	53,428	37	24.00	79,704	55	24.00	122,682	85	24.00	123,373	90	22.85	79,307	55	24.00	318	458,494
Mon-10/25/10	53,439	37	24.00	79,739	55	24.00	122,769	85	24.00	92,263	90	17.08	79,290	55	24.00	297	427,500
Tue-10/26/10	53,330	37	24.00	79,816	55	24.00	122,776	85	24.00	129,698	90	24.00	79,282	55	24.00	323	464,902
Wed-10/27/10	53,438	37	24.00	79,664	55	24.00	122,508	85	24.00	129,680	90	24.00	79,303	55	24.00	323	464,593
Thu-10/28/10	53,388	37	24.00	79,525	55	24.00	122,205	85	24.00	129,655	90	24.00	79,289	55	24.00	322	464,062
Fri-10/29/10	53,393	37	24.00	79,555	55	24.00	122,257	85	24.00	129,604	90	24.00	79,316	55	24.00	322	464,125
Sat-10/30/10	53,465	37	24.00	79,748	55	24.00	122,309	85	24.00	129,589	90	24.00	79,305	55	24.00	323	464,416
Sun-10/31/10	53,370	37	24.00	79,503	55	24.00	122,085	85	24.00	129,627	90	24.00	79,283	55	24.00	322	463,868
TOTALS	1,657,685		744.00	2,474,333	55	744.00	3,799,951	85	744.00	3,948,294	90	730.40	2,458,067	55	744.00	321	14,338,330

TOTAL VOLUME EXTRACTED :	14,338,330 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	321.20 GPM

10/5/10 - TW-14 was shut down to adjust the Pond level.
 10/24/10 - 10/25/10 - TW-14 was shut down to adjust the Pond level.

MARSHY AREA EXTRACTION DATA

Month of: **Oct-10**

Marshy Well Extraction				Daily Flow	Daily Total
Date	PW-1 Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-10/1/10	5,519	4	24.00	4	5,519
Sat-10/2/10	5,433	4	24.00	4	5,433
Sun-10/3/10	5,386	4	24.00	4	5,386
Mon-10/4/10	5,484	4	24.00	4	5,484
Tue-10/5/10	5,414	4	24.00	4	5,414
Wed-10/6/10	5,405	4	24.00	4	5,405
Thu-10/7/10	5,812	4	24.00	4	5,812
Fri-10/8/10	5,741	4	24.00	4	5,741
Sat-10/9/10	5,679	4	24.00	4	5,679
Sun-10/10/10	5,408	4	24.00	4	5,408
Mon-10/11/10	5,317	4	24.00	4	5,317
Tue-10/12/10	5,363	4	24.00	4	5,363
Wed-10/13/10	5,331	4	24.00	4	5,331
Thu-10/14/10	5,632	4	24.00	4	5,632
Fri-10/15/10	5,665	4	24.00	4	5,665
Sat-10/16/10	5,701	4	24.00	4	5,701
Sun-10/17/10	5,656	4	24.00	4	5,656
Mon-10/18/10	5,700	4	24.00	4	5,700
Tue-10/19/10	5,653	4	24.00	4	5,653
Wed-10/20/10	5,618	4	24.00	4	5,618
Thu-10/21/10	5,685	4	24.00	4	5,685
Fri-10/22/10	5,715	4	24.00	4	5,715
Sat-10/23/10	5,670	4	24.00	4	5,670
Sun-10/24/10	5,531	4	24.00	4	5,531
Mon-10/25/10	5,451	4	24.00	4	5,451
Tue-10/26/10	5,454	4	24.00	4	5,454
Wed-10/27/10	5,508	4	24.00	4	5,508
Thu-10/28/10	5,599	4	24.00	4	5,599
Fri-10/29/10	5,490	4	24.00	4	5,490
Sat-10/30/10	5,372	4	24.00	4	5,372
Sun-10/31/10	5,398	4	24.00	4	5,398
TOTALS	171,790	4	744.00	4	171,790

TOTAL VOLUME EXTRACTED :	171,790 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	3.85 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: **Oct-10**

SouthWest Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-10/1/10	51,458	36	24.00	36	51,458
Sat-10/2/10	51,511	36	24.00	36	51,511
Sun-10/3/10	51,406	36	24.00	36	51,406
Mon-10/4/10	51,508	36	24.00	36	51,508
Tue-10/5/10	51,927	36	24.00	36	51,927
Wed-10/6/10	51,858	36	24.00	36	51,858
Thu-10/7/10	51,774	36	24.00	36	51,774
Fri-10/8/10	51,521	36	24.00	36	51,521
Sat-10/9/10	51,412	36	24.00	36	51,412
Sun-10/10/10	51,405	36	24.00	36	51,405
Mon-10/11/10	51,827	36	24.00	36	51,827
Tue-10/12/10	52,013	36	24.00	36	52,013
Wed-10/13/10	51,943	36	24.00	36	51,943
Thu-10/14/10	51,946	36	24.00	36	51,946
Fri-10/15/10	51,822	36	24.00	36	51,822
Sat-10/16/10	51,777	36	24.00	36	51,777
Sun-10/17/10	51,776	36	24.00	36	51,776
Mon-10/18/10	51,807	36	24.00	36	51,807
Tue-10/19/10	51,796	36	24.00	36	51,796
Wed-10/20/10	51,773	36	24.00	36	51,773
Thu-10/21/10	51,504	36	24.00	36	51,504
Fri-10/22/10	51,444	36	24.00	36	51,444
Sat-10/23/10	51,546	36	24.00	36	51,546
Sun-10/24/10	51,601	36	24.00	36	51,601
Mon-10/25/10	51,654	36	24.00	36	51,654
Tue-10/26/10	51,627	36	24.00	36	51,627
Wed-10/27/10	51,364	36	24.00	36	51,364
Thu-10/28/10	51,192	36	24.00	36	51,192
Fri-10/29/10	51,240	36	24.00	36	51,240
Sat-10/30/10	51,469	36	24.00	36	51,469
Sun-10/31/10	51,176	36	24.00	36	51,176
TOTALS	1,600,077	36	744.00	36	1,600,077

TOTAL VOLUME EXTRACTED :	1,600,077 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	35.84 GPM

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

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: Oct-10

Date	TW-11			TW-17			TW-18			Daily Flow GPM	Daily Total Gallons
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.		
Fri-10/1/10	77,570	54	24.00	132,839	92	24.00	187,138	130	24.00	276	397,547
Sat-10/2/10	77,504	54	24.00	129,559	90	24.00	161,289	112	24.00	256	368,352
Sun-10/3/10	73,580	51	24.00	129,530	90	24.00	161,004	112	23.98	253	364,114
Mon-10/4/10	73,548	51	24.00	129,575	90	24.00	161,261	112	24.00	253	364,384
Tue-10/5/10	73,712	51	24.00	129,562	90	24.00	118,541	108	18.25	223	321,815
Wed-10/6/10	73,734	51	24.00	129,590	90	24.00	164,427	114	23.95	255	367,751
Thu-10/7/10	73,700	51	24.00	129,596	90	24.00	168,569	117	24.00	258	371,865
Fri-10/8/10	73,624	51	24.00	129,578	90	24.00	168,573	117	24.00	258	371,775
Sat-10/9/10	73,608	51	24.00	129,593	90	24.00	168,337	117	23.97	258	371,538
Sun-10/10/10	73,540	51	24.00	129,583	90	24.00	168,509	117	24.00	258	371,632
Mon-10/11/10	73,439	51	24.00	129,599	90	24.00	168,324	117	23.97	258	371,362
Tue-10/12/10	74,392	52	24.00	129,568	90	24.00	168,528	117	24.00	259	372,488
Wed-10/13/10	74,737	52	24.00	129,591	90	24.00	168,574	117	24.00	259	372,902
Thu-10/14/10	74,574	52	24.00	129,553	90	24.00	168,327	117	23.97	259	372,454
Fri-10/15/10	74,475	52	24.00	129,580	90	24.00	168,546	117	24.00	259	372,601
Sat-10/16/10	74,447	52	24.00	129,556	90	24.00	168,397	117	23.95	259	372,400
Sun-10/17/10	74,384	52	24.00	129,590	90	24.00	168,511	117	24.00	259	372,485
Mon-10/18/10	74,499	52	24.00	129,570	90	24.00	168,439	117	24.00	259	372,508
Tue-10/19/10	74,580	52	24.00	129,542	90	24.00	168,300	117	23.98	259	372,422
Wed-10/20/10	74,543	52	24.00	129,557	90	24.00	168,490	117	24.00	259	372,590
Thu-10/21/10	74,364	52	24.00	129,552	90	24.00	168,449	117	24.00	259	372,365
Fri-10/22/10	74,286	52	24.00	129,547	90	24.00	168,079	117	23.93	258	371,912
Sat-10/23/10	74,251	52	24.00	129,573	90	24.00	168,473	117	24.00	259	372,297
Sun-10/24/10	74,300	52	24.00	123,362	90	22.85	168,312	117	23.98	254	365,974
Mon-10/25/10	74,418	52	24.00	92,196	90	17.07	168,351	117	23.97	233	334,965
Tue-10/26/10	74,352	52	24.00	129,591	90	24.00	168,278	117	23.95	258	372,221
Wed-10/27/10	74,230	52	24.00	129,580	90	24.00	168,424	117	24.00	258	372,234
Thu-10/28/10	73,857	51	24.00	129,520	90	24.00	167,918	117	23.95	258	371,295
Fri-10/29/10	73,736	51	24.00	129,552	90	24.00	168,329	117	24.00	258	371,617
Sat-10/30/10	73,720	51	24.00	129,566	90	24.00	168,428	117	24.00	258	371,714
Sun-10/31/10	73,590	51	24.00	129,533	90	24.00	168,210	117	23.95	258	371,333
TOTALS	2,303,294	52	744.00	3,976,283	90	735.92	5,163,335	117	737.75	256	11,442,912

TOTAL VOLUME EXTRACTED :	11,442,912 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	256.34 GPM

10/5/10 - TW-18 was shut down to adjust the Pond level.
 10/24/10-10/25/10 - TW-17 was shut down to adjust the Pond level.

TABLE #7
Western System Purging

Date	Gallons Purged
10/7/2010	36,000

Western System MW-53i		Western System MW-53i		Western System MW-53i		Western System MW-53i		Western System MW-53i		Western System MW-53i		Western System MW-53i		Western System MW-53i	
Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L
06/09/00	144	12/04/00	105	06/25/01	135	04/29/02	106	04/11/03	77	09/07/04	62	05/04/06	59	07/13/09	46
07/12/00	170	12/11/00	124	07/09/01	149	05/13/02	118	04/18/03	69	10/21/04	55	06/06/06	47	10/06/09	52
07/17/00	125	12/19/00	114	07/25/01	119	06/03/02	107	05/02/03	63	11/09/04	56	07/07/06	47	01/13/10	43
07/24/00	160	01/08/01	79	08/07/01	184	06/17/02	119	05/16/03	65	12/01/04	59	08/11/06	51	04/20/10	34
07/31/00	120	01/22/01	160	08/20/01	150	07/01/02	113	06/06/03	57	01/07/05	66	09/05/06	57	07/13/10	38
08/08/00	141	01/31/01	126	09/11/01	148	07/15/02	108	07/09/03	76	02/14/05	70	10/09/06	50	10/08/10	37
08/14/00	160	02/06/01	140	09/24/01	102	08/09/02	110	08/22/03	72	03/10/05	66	11/14/06	51		
08/21/00	130	02/13/01	115	10/09/01	141	08/19/02	98	09/11/03	75	04/07/05	57	12/04/06	48		
08/28/00	160	02/20/01	162	10/29/01	122	09/23/02	103	10/02/03	66	05/13/05	51	01/04/07	50		
09/05/00	170	03/01/01	123	11/13/01	117	10/24/02	139	11/13/03	63	06/09/05	59	02/12/07	50		
09/11/00	190	03/09/01	172	11/26/01	118	11/26/02	158	12/09/03	57	07/08/05	53	03/05/07	60		
09/18/00	160	03/16/01	179	12/17/01	104	12/03/02	154	01/06/04	72	08/11/05	55	04/03/07	58		
09/25/00	140	03/22/01	164	01/02/02	122	01/13/03	142	01/07/04	74	09/12/05	50	07/11/07	66		
10/02/00	140	03/26/01	136	01/21/02	120	02/12/03	112	02/16/04	58	10/04/05	47	10/04/07	55		
10/09/00	180	04/02/01	177	02/08/02	110	02/20/03	142	03/02/04	61	11/15/05	47	01/24/08	48		
10/16/00	180	04/09/01	111	02/19/02	100	02/27/03	104	04/01/04	64	12/14/05	47	04/07/08	43		
10/23/00	120	04/23/01	110	03/04/02	105	03/06/03	101	05/11/04	61	01/12/06	48	07/23/08	54		
10/30/00	140	05/07/01	119	03/18/02	97	03/14/03	99	06/02/04	63	02/08/06	45	10/07/08	47		
11/06/00	143	05/30/01	115	04/01/02	106	03/17/03	93	07/02/04	58	03/07/06	55	01/20/09	47		
11/20/00	150	06/12/01	128	04/15/02	109	04/04/03	72	08/18/04	59	04/10/06	45	04/10/09	38		
Ann Arbor Cleaning Supply Well		Ann Arbor Cleaning Supply Well		Ann Arbor Cleaning Supply Well		Ann Arbor Cleaning Supply Well		Ann Arbor Cleaning Supply Well		Ann Arbor Cleaning Supply Well		Ann Arbor Cleaning Supply Well		Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L	Date	1,4 Dioxane ug/L
05/02/03	139	05/11/04	160	05/13/05	135	05/04/06	122	05/03/07	104	04/03/08	92	04/02/09	98	04/01/10	88
05/19/03	129	06/02/04	150	06/27/05	128	06/01/06	117	06/07/07	112	05/01/08	94	05/07/09	100	05/06/10	87
07/23/03	126	07/07/04	110	07/08/05	121	07/07/06	116	07/12/07	116	06/05/08	98	06/04/09	93	06/10/10	89
08/04/03	157	08/18/04	150	08/11/05	139	08/03/06	119	08/07/07	109	07/10/08	101	07/09/09	96	07/08/10	99
09/11/03	127	09/07/04	147	09/12/05	118	09/06/06	112	09/06/07	105	08/07/08	92	08/06/09	105	08/05/10	98
10/02/03	135	10/07/04	123	10/24/05	119	10/05/06	119	10/04/07	113	09/04/08	84	09/03/09	100	09/13/10	83
11/20/03	145	11/09/04	120	11/15/05	115	11/14/06	117	10/04/07	108	10/02/08	91	10/01/09	91	10/07/10	112
12/09/03	175	12/01/04	160	12/14/05	140	12/07/06	108	10/04/07	106	11/05/08	105	11/05/09	90		
01/06/04	146	01/07/05	174	01/12/06	119	01/11/07	112	11/01/07	111	12/09/08	101	12/03/09	71		
02/16/04	134	02/14/05	129	02/14/06	113	02/01/07	108	12/06/07	105	01/13/09	97	01/07/10	93		
03/02/04	182	03/10/05	161	03/02/06	125	03/06/07	105	10/03/08	101	02/05/09	97	02/04/10	89		
04/01/04	168	04/07/05	169	04/10/06	116	04/05/07	106	03/06/08	102	03/05/09	98	03/04/10	87		

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	1,4-DIOXANE (ppb)
AE-3-10-04-10-09:16	139
HZ-S-10-04-10-09:10	1,067
LB-1-10-04-10-09:12	488
LB-3-10-04-10-09:14	522
PW-1-10-04-10-08:06	1,208
SW-COMB-10-04-10-08:00	535
DOLPH-10-04-10-08:02	93
TW-5-10-04-10-09:28	1,029
TW-8-10-04-10-09:45	578
TW-9-10-04-10-09:06	1,115
TW-10-10-04-10-08:50	840
TW-13-10-04-10-08:45	722
TW-14-10-04-10-09:03	115
TW-17-10-04-10-09:00	91
TW-18-10-04-10-08:04	386
TW-20-10-04-10-08:55	1,464

RED POND DATA

Month of: **Oct-10**

Date	Time	Notes	Red Pond				
			Pond Visual Chk	Level Feet	Aeration Hours	Influent Hours	Influent GPM
Fri-10/1/10	03:05:00		Y	5.7	-	24.00	1,120
Sat-10/2/10	03:00:00	(1)		6.2	-	24.00	1,112
Sun-10/3/10	03:00:00	(1)		6.1	-	24.00	1,108
Mon-10/4/10	03:00:00		Y	5.9	-	24.00	1,109
Tue-10/5/10	03:00:00		Y	6.4	-	24.00	1,031
Wed-10/6/10	03:00:00		Y	5.9	-	24.00	1,113
Thu-10/7/10	03:00:00		Y	5.8	-	24.00	1,119
Fri-10/8/10	03:00:01		Y	6.1	-	24.00	1,119
Sat-10/9/10	03:00:00	(1)		6.1	-	24.00	1,119
Sun-10/10/10	03:00:00	(1)		6.0	-	24.00	1,119
Mon-10/11/10	03:00:00		Y	6.0	-	24.00	1,118
Tue-10/12/10	03:00:00		Y	5.9	-	24.00	1,119
Wed-10/13/10	03:00:00		Y	5.9	-	24.00	1,119
Thu-10/14/10	03:00:00		Y	5.9	-	24.00	1,118
Fri-10/15/10	03:00:00		Y	5.8	-	24.00	1,118
Sat-10/16/10	03:00:00	(1)		5.7	-	24.00	1,119
Sun-10/17/10	03:00:01	(1)		5.7	-	24.00	1,119
Mon-10/18/10	03:00:00		Y	5.6	-	24.00	1,119
Tue-10/19/10	03:00:00		Y	5.9	-	24.00	1,118
Wed-10/20/10	03:00:00		Y	5.8	-	24.00	1,119
Thu-10/21/10	03:00:00		Y	5.7	-	24.00	1,118
Fri-10/22/10	03:00:00		Y	5.7	-	24.00	1,117
Sat-10/23/10	03:00:00	(1)		5.6	-	24.00	1,118
Sun-10/24/10	03:00:00	(1)		5.5	-	24.00	1,106
Mon-10/25/10	03:00:00		Y	5.6	-	24.00	1,042
Tue-10/26/10	03:00:00		Y	5.9	-	24.00	1,118
Wed-10/27/10	03:00:00		Y	5.9	-	24.00	1,117
Thu-10/28/10	03:00:00		Y	5.8	-	24.00	1,115
Fri-10/29/10	03:00:00		Y	5.7	-	24.00	1,116
Sat-10/30/10	03:00:00	(1)		5.6	-	24.00	1,117
Sun-10/31/10	03:00:00	(1)		5.5	-	24.00	1,115
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-10-04-10-08:10	509
Red Pond-10-11-10-08:15	491
Red Pond-10-18-10-07:50	494
Red Pond-10-25-10-08:00	518

OZONE OPERATION REPORT

Month of: **Oct-10**

Date	Time	Notes	SYSTEM-1A		SYSTEM-1B		SYSTEM-2A		SYSTEM-2B	
			Flow GPM	Run Hours	Flow GPM	Run Hours	Flow GPM	Run Hours	Flow GPM	Run Hours
Fri-10/1/10	03:07:00		370	24.00	370	24.00	370	24.00	0	0.00
Sat-10/2/10	03:00:00	(1)	370	24.00	369	24.00	370	24.00	0	0.00
Sun-10/3/10	03:00:00	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Mon-10/4/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Tue-10/5/10	03:00:00		370	24.00	370	20.42	370	24.00	0	0.00
Wed-10/6/10	03:00:00		369	24.00	370	24.00	371	24.00	0	0.00
Thu-10/7/10	03:00:00		370	24.00	370	24.00	371	24.00	0	0.00
Fri-10/8/10	03:00:01		370	24.00	371	24.00	371	24.00	0	0.00
Sat-10/9/10	03:00:00	(1)	371	24.00	370	24.00	370	24.00	0	0.00
Sun-10/10/10	03:00:00	(1)	370	24.00	370	24.00	369	24.00	0	0.00
Mon-10/11/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Tue-10/12/10	03:00:00		369	24.00	370	24.00	371	24.00	0	0.00
Wed-10/13/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Thu-10/14/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Fri-10/15/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Sat-10/16/10	03:00:00	(1)	370	24.00	370	24.00	371	24.00	0	0.00
Sun-10/17/10	03:00:00	(1)	370	24.00	369	24.00	371	24.00	0	0.00
Mon-10/18/10	03:00:00		370	23.63	371	23.63	371	23.42	0	0.00
Tue-10/19/10	03:00:00		370	24.00	369	24.00	370	24.00	0	0.00
Wed-10/20/10	03:00:00		370	24.00	371	24.00	371	24.00	0	0.00
Thu-10/21/10	03:00:00		370	24.00	370	24.00	371	24.00	0	0.00
Fri-10/22/10	03:00:00		369	24.00	370	24.00	369	24.00	0	0.00
Sat-10/23/10	03:00:00	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Sun-10/24/10	03:00:00	(1)	370	24.00	370	24.00	371	22.55	0	0.00
Mon-10/25/10	03:00:00		370	24.00	371	24.00	0	17.25	0	0.00
Tue-10/26/10	03:00:00		370	24.00	371	24.00	371	24.00	0	0.00
Wed-10/27/10	03:00:00		370	24.00	369	24.00	370	23.78	0	0.00
Thu-10/28/10	03:00:00		370	24.00	371	24.00	370	24.00	0	0.00
Fri-10/29/10	03:00:00		370	24.00	370	24.00	370	24.00	0	0.00
Sat-10/30/10	03:00:00	(1)	370	24.00	371	24.00	370	24.00	0	0.00
Sun-10/31/10	03:00:00	(1)	370	24.00	370	24.00	370	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.
- 10/5/10 - System 2A was shut down for maintenance.
- 10/24/10-10/25/10 - System 2A was shut down for maintenance.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: Oct-10

Date	Time	Notes	Green Pond																							
			Pond			Aeration			Influent			Influent			Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	Level Feet	Hours	Hours	GPM	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours				
Fri-10/1/10	03:05:00		Y	-	-									1,147	1,652,397	24.00	-	-	-	-	-	-				
Sat-10/2/10	03:00:00	(1)		-	-									1,146	1,650,626	24.00	-	-	-	-	-	-				
Sun-10/3/10	03:00:00	(1)		-	-									1,148	1,652,471	24.00	-	-	-	-	-	-				
Mon-10/4/10	03:00:00		Y	-	-									1,147	1,652,327	24.00	-	-	-	-	-	-				
Tue-10/5/10	03:00:00		Y	-	-									1,088	1,566,461	24.00	-	-	-	-	-	-				
Wed-10/6/10	03:00:00		Y	-	-									1,147	1,651,640	24.00	-	-	-	-	-	-				
Thu-10/7/10	03:00:00		Y	-	-									1,147	1,651,889	24.00	-	-	-	-	-	-				
Fri-10/8/10	03:00:01		Y	-	-									1,147	1,651,656	24.00	-	-	-	-	-	-				
Sat-10/9/10	03:00:00	(1)		-	-									1,147	1,651,324	24.00	-	-	-	-	-	-				
Sun-10/10/10	03:00:00	(1)		-	-									1,147	1,651,419	24.00	-	-	-	-	-	-				
Mon-10/11/10	03:00:00		Y	-	-									1,147	1,651,785	24.00	-	-	-	-	-	-				
Tue-10/12/10	03:00:00		Y	-	-									1,147	1,652,188	24.00	-	-	-	-	-	-				
Wed-10/13/10	03:00:00		Y	-	-									1,147	1,652,229	24.00	-	-	-	-	-	-				
Thu-10/14/10	03:00:00		Y	-	-									1,148	1,652,736	24.00	-	-	-	-	-	-				
Fri-10/15/10	03:00:00		Y	-	-									1,148	1,652,888	24.00	-	-	-	-	-	-				
Sat-10/16/10	03:00:00	(1)		-	-									1,148	1,652,647	24.00	-	-	-	-	-	-				
Sun-10/17/10	03:00:01	(1)		-	-									1,148	1,653,393	24.00	-	-	-	-	-	-				
Mon-10/18/10	03:00:00		Y	-	-									1,143	1,618,576	23.60	-	-	-	-	-	-				
Tue-10/19/10	03:00:00		Y	-	-									1,147	1,651,243	24.00	-	-	-	-	-	-				
Wed-10/20/10	03:00:00		Y	-	-									1,147	1,651,311	24.00	-	-	-	-	-	-				
Thu-10/21/10	03:00:00		Y	-	-									1,147	1,651,944	24.00	-	-	-	-	-	-				
Fri-10/22/10	03:00:00		Y	-	-									1,147	1,651,292	24.00	-	-	-	-	-	-				
Sat-10/23/10	03:00:00	(1)		-	-									1,147	1,651,617	24.00	-	-	-	-	-	-				
Sun-10/24/10	03:00:00	(1)		-	-									1,127	1,622,184	24.00	-	-	-	-	-	-				
Mon-10/25/10	03:00:00		Y	-	-									1,036	1,491,418	24.00	-	-	-	-	-	-				
Tue-10/26/10	03:00:00		Y	-	-									1,147	1,651,843	24.00	-	-	-	-	-	-				
Wed-10/27/10	03:00:00		Y	-	-									1,143	1,645,582	24.00	-	-	-	-	-	-				
Thu-10/28/10	03:00:00		Y	-	-									1,147	1,651,667	24.00	-	-	-	-	-	-				
Fri-10/29/10	03:00:00		Y	-	-									1,147	1,651,938	24.00	-	-	-	-	-	-				
Sat-10/30/10	03:00:00	(1)		-	-									1,146	1,650,226	24.00	-	-	-	-	-	-				
Sun-10/31/10	03:00:00	(1)		-	-									1,147	1,651,021	24.00	-	-	-	-	-	-				
TOTALS															50,891,938	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
10/1/2010	1.652			100	no	no	6.6		
10/2/2010	1.651								
10/3/2010	1.652		3					5	
10/4/2010	1.652	0.509	5	0	yes	yes	6.6	5	12
10/5/2010	1.566		6	0	no	no	6.5	nd	
10/6/2010	1.652		4	0	no	no	6.6	6	
10/7/2010	1.652		5	0	no	yes	6.6	nd	21
10/8/2010	1.652			0	no	no	6.6		
10/9/2010	1.651								
10/10/2010	1.651		4					5	
10/11/2010	1.652	0.491	6	0	yes	yes	6.5	nd	23
10/12/2010	1.652		5	0	no	no	6.5	nd	
10/13/2010	1.652		5	0	no	no	6.6	nd	
10/14/2010	1.653		5	0	no	yes	6.5	6	22
10/15/2010	1.653			0	no	no	6.6		
10/16/2010	1.653								
10/17/2010	1.653		5					6	
10/18/2010	1.619	0.494	4	0	yes	yes	6.6	6	18
10/19/2010	1.651		3	0	no	no	6.6	6	
10/20/2010	1.651		5	0	no	no	6.6	6	
10/21/2010	1.652		4	100	no	yes	6.6	nd	27
10/22/2010	1.651			0	no	no	6.6		
10/23/2010	1.652								
10/24/2010	1.622		5					nd	
10/25/2010	1.491	0.518	4	0	yes	yes	6.5	nd	24
10/26/2010	1.652		4	0	no	no	6.5	nd	
10/27/2010	1.646		5	0	no	no	6.6	nd	
10/28/2010	1.652		4	0	no	yes	6.7	nd	30
10/29/2010	1.652			0	no	no	6.6		
10/30/2010	1.650								
10/31/2010	1.651		4					8	
Discharged (mg)	50.892								
Monthly Avg			5					6	

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 100 ppb)