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UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **Mar-12**

Date	TW-9			TW-5			TW-21			Daily Flow	Daily Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-3/1/12	84,869	59	24.00	118,880	83	24.00	143,942	100	24.00	241	347,691
Fri-3/2/12	84,994	59	24.00	118,849	83	24.00	143,949	100	24.00	242	347,792
Sat-3/3/12	77,012	53	24.00	118,993	83	24.00	143,911	100	24.00	236	339,916
Sun-3/4/12	72,084	50	24.00	119,019	83	24.00	143,907	100	24.00	233	335,010
Mon-3/5/12	83,579	58	24.00	118,982	83	24.00	143,890	100	24.00	241	346,451
Tue-3/6/12	86,555	60	24.00	119,035	83	24.00	143,969	100	24.00	243	349,559
Wed-3/7/12	86,438	60	24.00	119,113	83	24.00	143,825	100	23.97	243	349,376
Thu-3/8/12	86,404	60	24.00	119,228	83	24.00	143,968	100	24.00	243	349,600
Fri-3/9/12	86,385	60	24.00	119,116	83	24.00	143,904	100	24.00	243	349,405
Sat-3/10/12	86,329	60	24.00	118,913	83	24.00	143,943	100	24.00	242	349,185
Sun-3/11/12	86,473	60	24.00	119,004	83	24.00	144,049	100	24.00	243	349,526
Mon-3/12/12	86,490	60	24.00	119,244	83	24.00	144,040	100	24.00	243	349,774
Tue-3/13/12	86,548	60	24.00	119,230	83	24.00	143,849	100	23.98	243	349,627
Wed-3/14/12	52,458	60	14.58	75,984	83	15.35	130,992	91	24.00	180	259,434
Thu-3/15/12	17,871	60	4.98	18,833	88	3.58	80,113	77	17.28	81	116,817
Fri-3/16/12	42,902	64	11.10	56,814	88	10.82	56,062	84	11.15	108	155,778
Sat-3/17/12	93,608	65	24.00	125,160	87	24.00	122,576	85	24.00	237	341,344
Sun-3/18/12	93,429	65	24.00	124,890	87	24.00	122,550	85	24.00	237	340,869
Mon-3/19/12	93,609	65	24.00	124,484	86	24.00	122,576	85	24.00	237	340,669
Tue-3/20/12	93,416	65	24.00	124,354	86	24.00	122,594	85	24.00	236	340,364
Wed-3/21/12	102,198	71	24.00	124,261	86	24.00	137,186	95	24.00	253	363,645
Thu-3/22/12	104,005	72	24.00	124,264	86	24.00	152,993	106	24.00	265	381,262
Fri-3/23/12	86,399	60	24.00	124,213	86	24.00	143,755	100	24.00	246	354,367
Sat-3/24/12	85,082	59	24.00	124,324	86	24.00	144,090	100	24.00	245	353,496
Sun-3/25/12	79,364	55	24.00	124,398	86	24.00	144,152	100	24.00	242	347,914
Mon-3/26/12	85,083	59	24.00	124,244	86	24.00	144,017	100	24.00	245	353,344
Tue-3/27/12	86,364	60	24.00	124,419	86	24.00	144,023	100	24.00	246	354,806
Wed-3/28/12	86,466	60	24.00	124,216	86	24.00	144,116	100	24.00	246	354,798
Thu-3/29/12	86,351	60	24.00	123,817	86	24.00	141,272	98	23.98	244	351,440
Fri-3/30/12	86,214	60	24.00	123,975	86	24.00	136,757	95	24.00	241	346,946
Sat-3/31/12	86,226	60	24.00	123,896	86	24.00	136,777	95	24.00	241	346,899
TOTALS	2,555,205	61	702.67	3,564,152	85	701.75	4,197,747	96	724.36	231	10,317,104

TOTAL VOLUME EXTRACTED :	10,317,104 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	231.12 GPM

03/14/12 - TW-5 & TW-9 were shut down to adjust the Pond level.
 03/15/12 - 03/16/12 Extraction was shut down due to a DTE power outage caused by a tornado and storms in the area.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Mar-12**

Date	LB-1			LB-3			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-3/1/12	86,139	60	23.98	57,864	40	24.00	100	144,003
Fri-3/2/12	86,386	60	24.00	58,039	40	24.00	100	144,425
Sat-3/3/12	86,392	60	24.00	57,725	40	24.00	100	144,117
Sun-3/4/12	86,358	60	24.00	57,558	40	24.00	100	143,916
Mon-3/5/12	86,236	60	24.00	57,690	40	23.98	100	143,926
Tue-3/6/12	86,281	60	24.00	57,724	40	24.00	100	144,005
Wed-3/7/12	86,336	60	24.00	57,847	40	24.00	100	144,183
Thu-3/8/12	86,349	60	23.98	57,732	40	24.00	100	144,081
Fri-3/9/12	86,310	60	24.00	57,655	40	24.00	100	143,965
Sat-3/10/12	86,150	60	24.00	57,438	40	24.00	100	143,588
Sun-3/11/12	86,091	60	24.00	57,532	40	24.00	100	143,623
Mon-3/12/12	86,106	60	24.00	57,787	40	23.98	100	143,893
Tue-3/13/12	86,097	60	24.00	57,590	40	24.00	100	143,687
Wed-3/14/12	86,084	60	24.00	57,626	40	24.00	100	143,710
Thu-3/15/12	64,854	60	18.07	43,553	40	18.08	75	108,407
Fri-3/16/12	55,892	60	15.58	37,355	40	15.58	65	93,247
Sat-3/17/12	86,077	60	24.00	57,668	40	24.00	100	143,745
Sun-3/18/12	86,079	60	24.00	57,737	40	24.00	100	143,816
Mon-3/19/12	86,075	60	24.00	57,751	40	24.00	100	143,826
Tue-3/20/12	86,074	60	24.00	57,725	40	23.98	100	143,799
Wed-3/21/12	86,068	60	23.98	57,709	40	24.00	100	143,777
Thu-3/22/12	86,069	60	24.00	57,749	40	24.00	100	143,818
Fri-3/23/12	86,084	60	24.00	57,752	40	24.00	100	143,836
Sat-3/24/12	86,112	60	24.00	57,678	40	24.00	100	143,790
Sun-3/25/12	86,099	60	24.00	57,582	40	24.00	100	143,681
Mon-3/26/12	86,085	60	24.00	57,641	40	24.00	100	143,726
Tue-3/27/12	86,088	60	24.00	57,761	40	23.98	100	143,849
Wed-3/28/12	86,317	60	23.98	57,875	40	24.00	100	144,192
Thu-3/29/12	86,330	60	24.00	57,598	40	24.00	100	143,928
Fri-3/30/12	86,357	60	24.00	57,641	40	24.00	100	143,998
Sat-3/31/12	86,331	60	24.00	57,525	40	24.00	100	143,856
TOTALS	2,620,306	60	729.57	1,754,107	40	729.58	98	4,374,413

TOTAL VOLUME EXTRACTED :	4,374,413 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	97.99 GPM

03/15/12 - 03/16/12 Extraction was shut down due to a DTE power outage caused by a tornado and storms in the area.

CORE AREA EXTRACTION DATA

Month of: **Mar-12**

Core Area Well Extraction										Daily	Daily
Date	TW-2 (Dolph)			TW-10			TW-20			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-3/1/12	35,985	25	24.00	107,735	75	24.00	69,962	49	24.00	148	213,682
Fri-3/2/12	36,077	25	24.00	86,706	60	24.00	69,926	49	24.00	134	192,709
Sat-3/3/12	35,922	25	24.00	73,394	51	24.00	70,617	49	24.00	125	179,933
Sun-3/4/12	34,644	24	24.00	73,946	51	24.00	70,739	49	24.00	125	179,329
Mon-3/5/12	34,678	24	24.00	85,244	59	24.00	72,501	50	24.00	134	192,423
Tue-3/6/12	36,202	25	24.00	86,961	60	24.00	73,144	51	24.00	136	196,307
Wed-3/7/12	37,704	26	24.00	86,865	60	24.00	72,747	51	24.00	137	197,316
Thu-3/8/12	37,690	26	24.00	86,930	60	24.00	72,572	50	24.00	137	197,192
Fri-3/9/12	37,586	26	24.00	86,967	60	24.00	72,360	50	24.00	137	196,913
Sat-3/10/12	36,544	25	24.00	90,407	63	24.00	72,096	50	24.00	138	199,047
Sun-3/11/12	37,314	26	24.00	97,448	68	24.00	72,044	50	24.00	144	206,806
Mon-3/12/12	37,381	26	24.00	100,904	70	24.00	72,307	50	24.00	146	210,592
Tue-3/13/12	37,342	26	24.00	100,868	70	24.00	72,952	51	24.00	147	211,162
Wed-3/14/12	25,138	26	16.12	64,926	70	15.47	52,970	57	15.48	99	143,034
Thu-3/15/12	7,172	33	3.67	20,909	70	5.00	18,104	60	5.03	32	46,185
Fri-3/16/12	19,158	32	10.10	48,328	79	10.25	29,161	47	10.23	67	96,647
Sat-3/17/12	44,977	31	24.00	115,286	80	24.00	71,273	49	24.00	161	231,536
Sun-3/18/12	44,921	31	24.00	115,001	80	24.00	73,447	51	24.00	162	233,369
Mon-3/19/12	41,976	29	24.00	114,880	80	24.00	75,854	53	24.00	162	232,710
Tue-3/20/12	37,157	26	24.00	115,021	80	24.00	74,004	51	24.00	157	226,182
Wed-3/21/12	36,932	26	24.00	46,650	80	9.73	73,735	51	24.00	109	157,317
Thu-3/22/12	36,931	26	24.00	55,924	77	12.13	73,575	51	24.00	116	166,430
Fri-3/23/12	36,856	26	24.00	108,154	75	24.00	73,531	51	24.00	152	218,541
Sat-3/24/12	36,764	26	24.00	101,249	70	24.00	73,431	51	24.00	147	211,444
Sun-3/25/12	36,761	26	24.00	86,379	60	24.00	73,173	51	24.00	136	196,313
Mon-3/26/12	36,795	26	24.00	103,235	72	24.00	72,901	51	24.00	148	212,931
Tue-3/27/12	36,859	26	24.00	107,965	75	24.00	72,672	50	24.00	151	217,496
Wed-3/28/12	36,789	26	24.00	108,176	75	24.00	72,553	50	24.00	151	217,518
Thu-3/29/12	36,748	26	24.00	107,721	75	24.00	72,463	50	24.00	151	216,932
Fri-3/30/12	36,819	26	24.00	107,530	75	24.00	71,308	50	24.00	150	215,657
Sat-3/31/12	36,820	26	24.00	107,548	75	24.00	68,695	48	24.00	148	213,063
TOTALS	1,100,642	26	701.88	2,799,257	69	676.58	2,126,817	51	702.75	135	6,026,716

TOTAL VOLUME EXTRACTED :	6,026,716 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	135.01 GPM

03/14/12 - TW-2, TW-10, and TW-20 were shut down to adjust the Pond level.
 03/15/12 - 03/16/12 Extraction was shut down due to a DTE power outage caused by a tornado and storms in the area.

MARSHY AREA EXTRACTION DATA

Month of: **Mar-12**

Marshy Well Extraction				Daily	Daily
Date	PW-1		Run Hrs.	Flow GPM	Total Gallons
	Gallons	GPM			
Thu-3/1/12	4,433	3	24.00	3	4,433
Fri-3/2/12	4,361	3	24.00	3	4,361
Sat-3/3/12	4,726	3	24.00	3	4,726
Sun-3/4/12	4,616	3	24.00	3	4,616
Mon-3/5/12	4,628	3	24.00	3	4,628
Tue-3/6/12	4,645	3	24.00	3	4,645
Wed-3/7/12	4,610	3	24.00	3	4,610
Thu-3/8/12	4,552	3	24.00	3	4,552
Fri-3/9/12	4,631	3	24.00	3	4,631
Sat-3/10/12	4,676	3	24.00	3	4,676
Sun-3/11/12	4,675	3	24.00	3	4,675
Mon-3/12/12	4,471	3	24.00	3	4,471
Tue-3/13/12	4,361	3	24.00	3	4,361
Wed-3/14/12	2,959	3	16.15	2	2,959
Thu-3/15/12	-	-	-	-	-
Fri-3/16/12	-	-	-	-	-
Sat-3/17/12	-	-	-	-	-
Sun-3/18/12	-	-	-	-	-
Mon-3/19/12	-	-	-	-	-
Tue-3/20/12	-	-	-	-	-
Wed-3/21/12	-	-	-	-	-
Thu-3/22/12	-	-	-	-	-
Fri-3/23/12	-	-	-	-	-
Sat-3/24/12	-	-	-	-	-
Sun-3/25/12	-	-	-	-	-
Mon-3/26/12	-	-	-	-	-
Tue-3/27/12	-	-	-	-	-
Wed-3/28/12	-	-	-	-	-
Thu-3/29/12	3,128	5	10.53	2	3,128
Fri-3/30/12	6,597	5	24.00	5	6,597
Sat-3/31/12	6,388	4	24.00	4	6,388
TOTALS	78,457	3	386.68	3	78,457

TOTAL VOLUME EXTRACTED :	78,457 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	1.76 GPM

03/14/12 - 03/29/12 - PW-1 was shut down for pump maintenance.

SOUTHWEST AREA EXTRACTION DATA

Month of: Mar-12

Date	ACTIVE WELLS			Daily Flow GPM	Daily Total Gallons
	Gallons	GPM	Run Hrs.		
Thu-3/1/12	48,006	33	24.00	33	48,006
Fri-3/2/12	48,039	33	24.00	33	48,039
Sat-3/3/12	47,945	33	24.00	33	47,945
Sun-3/4/12	47,908	33	24.00	33	47,908
Mon-3/5/12	47,844	33	24.00	33	47,844
Tue-3/6/12	47,876	33	24.00	33	47,876
Wed-3/7/12	47,899	33	24.00	33	47,899
Thu-3/8/12	47,899	33	24.00	33	47,899
Fri-3/9/12	47,821	33	24.00	33	47,821
Sat-3/10/12	47,808	33	24.00	33	47,808
Sun-3/11/12	47,828	33	24.00	33	47,828
Mon-3/12/12	47,900	33	24.00	33	47,900
Tue-3/13/12	47,864	33	24.00	33	47,864
Wed-3/14/12	30,912	33	15.50	21	30,912
Thu-3/15/12	6,650	32	3.48	5	6,650
Fri-3/16/12	20,524	33	10.23	14	20,524
Sat-3/17/12	48,220	33	24.00	33	48,220
Sun-3/18/12	48,201	33	24.00	33	48,201
Mon-3/19/12	48,224	33	24.00	33	48,224
Tue-3/20/12	48,215	33	24.00	33	48,215
Wed-3/21/12	48,218	33	24.00	33	48,218
Thu-3/22/12	48,223	33	24.00	33	48,223
Fri-3/23/12	48,259	34	24.00	34	48,259
Sat-3/24/12	48,249	34	24.00	34	48,249
Sun-3/25/12	48,226	33	24.00	33	48,226
Mon-3/26/12	48,260	34	24.00	34	48,260
Tue-3/27/12	48,299	34	24.00	34	48,299
Wed-3/28/12	48,326	34	24.00	34	48,326
Thu-3/29/12	48,250	34	24.00	34	48,250
Fri-3/30/12	48,252	34	24.00	34	48,252
Sat-3/31/12	48,198	33	24.00	33	48,198
TOTALS	1,404,343	33	701.22	31	1,404,343

33.335

TOTAL VOLUME EXTRACTED :	1,404,343 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	31.46 GPM

Note: ACTIVE WELLS = TW-8, TW-22

03/14/12 - SW Extraction was shut down to adjust the Pond level.

03/15/12 - 03/16/12 Extraction was shut down due to a DTE power outage caused by a tornado and storms in the area.

UNIT "E" EXTRACTION DATA

Month of: Mar-12

Date	TW-11			TW-18			TW-19			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-3/1/12	53,319	37	24.00	145,963	101	24.00	144,077	100	24.00	238	343,359
Fri-3/2/12	53,599	37	24.00	145,954	101	24.00	144,073	100	24.00	239	343,626
Sat-3/3/12	53,487	37	24.00	145,888	101	24.00	144,078	100	24.00	239	343,453
Sun-3/4/12	53,127	37	24.00	145,876	101	24.00	144,076	100	24.00	238	343,079
Mon-3/5/12	53,077	37	24.00	145,810	101	24.00	144,078	100	24.00	238	342,965
Tue-3/6/12	53,099	37	24.00	145,739	101	24.00	144,075	100	24.00	238	342,913
Wed-3/7/12	53,087	37	24.00	145,851	101	23.97	144,075	100	24.00	238	343,013
Thu-3/8/12	52,857	37	24.00	146,015	101	24.00	144,076	100	24.00	238	342,948
Fri-3/9/12	52,772	37	24.00	145,985	101	24.00	144,078	100	24.00	238	342,835
Sat-3/10/12	52,916	37	24.00	145,965	101	24.00	144,073	100	24.00	238	342,954
Sun-3/11/12	52,973	37	24.00	145,998	101	24.00	144,075	100	24.00	238	343,046
Mon-3/12/12	53,015	37	24.00	146,053	101	24.00	144,078	100	24.00	238	343,146
Tue-3/13/12	53,006	37	24.00	145,808	101	23.98	144,073	100	24.00	238	342,887
Wed-3/14/12	34,033	37	15.43	134,210	93	24.00	144,073	100	24.00	217	312,316
Thu-3/15/12	7,981	37	3.60	85,494	78	18.20	108,831	107	17.00	140	202,306
Fri-3/16/12	22,295	35	10.75	51,748	84	10.22	92,720	97	16.00	116	166,763
Sat-3/17/12	48,014	33	24.00	124,026	86	24.00	144,067	100	24.00	220	316,107
Sun-3/18/12	48,009	33	24.00	124,030	86	24.00	144,068	100	24.00	220	316,107
Mon-3/19/12	48,081	33	24.00	124,029	86	24.00	144,065	100	24.00	220	316,175
Tue-3/20/12	47,921	33	24.00	124,084	86	24.00	144,059	100	24.00	219	316,064
Wed-3/21/12	47,875	33	24.00	137,431	95	24.00	144,055	100	24.00	229	329,361
Thu-3/22/12	47,868	33	24.00	155,340	108	24.00	144,051	100	24.00	241	347,259
Fri-3/23/12	47,760	33	24.00	145,600	101	24.00	144,055	100	24.00	234	337,415
Sat-3/24/12	47,788	33	24.00	146,030	101	24.00	144,057	100	24.00	235	337,875
Sun-3/25/12	47,035	33	24.00	146,041	101	24.00	144,058	100	24.00	234	337,134
Mon-3/26/12	46,732	32	24.00	146,062	101	24.00	144,064	100	24.00	234	336,858
Tue-3/27/12	46,658	32	24.00	146,065	101	24.00	144,063	100	24.00	234	336,786
Wed-3/28/12	49,601	34	24.00	146,041	101	24.00	144,059	100	24.00	236	339,701
Thu-3/29/12	51,553	36	24.00	143,596	100	23.98	144,068	100	24.00	236	339,217
Fri-3/30/12	50,872	35	24.00	138,881	96	24.00	144,070	100	24.00	232	333,823
Sat-3/31/12	50,475	35	24.00	138,886	96	24.00	144,066	100	24.00	232	333,427
TOTALS	1,480,885	35	701.78	4,254,499	97	724.35	4,379,534	100	729.00	227	10,114,918

TOTAL VOLUME EXTRACTED :	10,114,918 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	226.59 GPM

03/14/12 - TW-11 was shut down to adjust the Pond level.

03/15/12 - 03/16/12 Extraction was shut down due to a DTE power outage caused by a tornado and storms in the area.

TABLE #7
Little Lake Area System Purging

Date	Gallons Purged
3/1/2012	24,000

truck problems

MW-53i		MW-53i		MW-53i		MW-53i		MW-53i		MW-53i		MW-53i		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	01/26/11	40
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	04/12/11	23
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	08/05/11	46
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	10/06/11	42
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	01/19/12	58
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	08/18/04	150	11/15/05	115	02/01/07	108	04/03/08	92	07/09/09	96	10/07/10	112	02/06/12	68
05/19/03	129	09/07/04	147	12/14/05	140	03/06/07	105	05/01/08	94	08/06/09	105	11/09/10	88	3/1/12 (8 am)**	70
07/23/03	126	10/07/04	123	01/12/06	119	04/05/07	106	06/05/08	98	09/03/09	100	12/02/10	103	3/1/12 (12 pm)**	98
08/04/03	157	11/09/04	120	02/14/06	113	05/03/07	104	07/10/08	101	10/01/09	91	01/06/11	93		
09/11/03	127	12/01/04	160	03/02/06	125	06/07/07	112	08/07/08	92	11/05/09	90	02/10/11	106		
10/02/03	135	01/07/05	174	04/10/06	116	07/12/07	116	09/04/08	84	12/03/09	71	03/03/11	94		
11/20/03	145	02/14/05	129	05/04/06	122	08/07/07	109	10/02/08	91	01/07/10	93	04/07/11	103		
12/09/03	175	03/10/05	161	06/01/06	117	09/06/07	105	11/05/08	105	02/04/10	89	05/05/11	107		
01/06/04	146	04/07/05	169	07/07/06	116	10/04/07	113	12/09/08	101	03/04/10	87	06/02/11	97		
02/16/04	134	05/13/05	135	08/03/06	119	10/04/07	108	01/13/09	97	04/01/10	88	08/05/11	42		
03/02/04	182	06/27/05	128	09/06/06	112	10/04/07	106	02/05/09	97	05/06/10	87	09/01/11	88		
04/01/04	168	07/08/05	121	10/05/06	119	11/01/07	111	03/05/09	98	06/10/10	89	10/07/11	56		
05/11/04	160	08/11/05	139	11/14/06	117	12/06/07	105	04/02/09	98	07/08/10	99	11/11/11	52		
06/02/04	150	09/12/05	118	12/07/06	108	01/03/08	101	05/07/09	100	08/05/10	98	12/01/11	101		
07/07/04	110	10/24/05	119	01/11/07	112	03/06/08	102	06/04/09	93	09/13/10	83	01/18/12	62		

**lab requested second sample for that day

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-03-05-12-09:56-1	03/05/12	64
TW-10-03-05-12-10:12-1	03/05/12	553
TW-20-03-05-12-10:05-1	03/05/12	951
LB-1-03-05-12-07:50-1	03/05/12	579
LB-3-03-05-12-07:52-1	03/05/12	488
TW-21-03-05-12-09:28-1	03/05/12	141
TW-5-03-05-12-09:36-1	03/05/12	739
TW-9-03-05-12-10:18-1	03/05/12	792
TW-11-03-05-12-09:38-1	03/05/12	198
TW-18-03-05-12-09:58-1	03/05/12	328
TW-19-03-05-12-07:55-1	03/05/12	792
PW-1-03-05-12-10:00-1	03/05/12	761
TW-22-03-05-12-10:10-1	03/05/12	565
TW-8-03-05-12-10:12-1	03/05/12	408

RED POND DATA

Month of: **Mar-12**

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Thu-3/1/12	3:05		Y	5.3	-	24.00	765
Fri-3/2/12	3:00		Y	5.6	-	24.00	751
Sat-3/3/12	3:00	(1)		6.1	-	24.00	736
Sun-3/4/12	3:00	(1)		5.8	-	24.00	732
Mon-3/5/12	3:00		Y	5.4	-	24.00	749
Tue-3/6/12	3:00		Y	5.3	-	24.00	754
Wed-3/7/12	3:00		Y	5.2	-	24.00	754
Thu-3/8/12	3:00		Y	5.1	-	24.00	754
Fri-3/9/12	3:00		Y	5.1	-	24.00	754
Sat-3/10/12	3:00	(1)		4.9	-	24.00	755
Sun-3/11/12	3:00	(1)		5.0	-	24.00	761
Mon-3/12/12	3:00		Y	5.0	-	24.00	764
Tue-3/13/12	3:00		Y	5.2	-	24.00	764
Wed-3/14/12	3:00		Y	5.6	-	24.00	620
Thu-3/15/12	3:00		Y	7.1	-	18.20	440
Fri-3/16/12	3:00		Y	7.7	-	16.00	555
Sat-3/17/12	3:00	(1)		5.3	-	24.00	751
Sun-3/18/12	3:00	(1)		5.2	-	24.00	752
Mon-3/19/12	3:00		Y	5.1	-	24.00	751
Tue-3/20/12	3:00		Y	5.9	-	24.00	746
Wed-3/21/12	3:00		Y	5.7	-	24.00	724
Thu-3/22/12	3:00		Y	5.2	-	24.00	755
Fri-3/23/12	3:00		Y	5.3	-	24.00	766
Sat-3/24/12	3:00	(1)		5.4	-	24.00	760
Sun-3/25/12	3:00	(1)		5.4	-	24.00	745
Mon-3/26/12	3:00		Y	5.3	-	24.00	760
Tue-3/27/12	3:00		Y	5.4	-	24.00	765
Wed-3/28/12	3:00		Y	5.4	-	24.00	767
Thu-3/29/12	3:00		Y	5.6	-	24.00	766
Fri-3/30/12	3:00		Y	5.7	-	24.00	761
Sat-3/31/12	3:00	(1)		5.8	-	24.00	758
TOTALS			-	-	-	730	

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	Date Sampled	1,4-DIOXANE (ppb)
Red Pond-03-05-12-10:10-1	3/5/2012	527
Red Pond-03-12-12-08:00-1	3/12/2012	526
Red Pond-03-19-12-08:30-1	3/19/2012	511
Red Pond-03-26-12-14:48-1	3/26/2012	501

OZONE OPERATION REPORT

Month of: Mar-12

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
Thu-3/1/12	3:07 AM		370	24.00	0	0.00	370	24.00	0	0.00
Fri-3/2/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Sat-3/3/12	3:00 AM	(1)	370	22.50	0	0.00	370	23.12	0	0.00
Sun-3/4/12	3:00 AM	(1)	369	24.00	0	0.00	371	24.00	0	0.00
Mon-3/5/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Tue-3/6/12	3:00 AM		370	24.00	0	0.00	371	24.00	0	0.00
Wed-3/7/12	3:00 AM		370	24.00	0	0.00	371	24.00	0	0.00
Thu-3/8/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Fri-3/9/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Sat-3/10/12	3:00 AM	(1)	369	24.00	0	0.00	370	24.00	0	0.00
Sun-3/11/12	3:00 AM	(1)	370	24.00	0	0.00	371	24.00	0	0.00
Mon-3/12/12	3:00 AM		370	24.00	0	0.00	369	24.00	0	0.00
Tue-3/13/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Wed-3/14/12	3:00 AM		370	24.00	0	0.00	371	7.00	0	0.00
Thu-3/15/12	3:00 AM		370	15.17	0	0.00	0	3.50	0	0.00
Fri-3/16/12	3:00 AM		0	18.70	0	0.00	0	18.23	0	0.00
Sat-3/17/12	3:00 AM	(1)	370	24.00	0	0.00	371	24.00	0	0.00
Sun-3/18/12	3:00 AM	(1)	370	24.00	0	0.00	369	24.00	0	0.00
Mon-3/19/12	3:00 AM		370	24.00	0	0.00	370	19.77	0	0.00
Tue-3/20/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Wed-3/21/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Thu-3/22/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Fri-3/23/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Sat-3/24/12	3:00 AM	(1)	370	24.00	0	0.00	370	24.00	0	0.00
Sun-3/25/12	3:00 AM	(1)	370	24.00	0	0.00	370	24.00	0	0.00
Mon-3/26/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Tue-3/27/12	3:00 AM		370	24.00	0	0.00	371	24.00	0	0.00
Wed-3/28/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Thu-3/29/12	3:00 AM		370	23.87	0	0.00	370	23.80	0	0.00
Fri-3/30/12	3:00 AM		370	24.00	0	0.00	371	24.00	0	0.00
Sat-3/31/12	3:00 AM	(1)	370	24.00	0	0.00	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.

03/03/12 - System 1A was shut down briefly for maintenance.

03/14/12 - System 2A was shut down for maintenance.

03/15/12 - Treatment was shut down due to a DTE power outage caused by a tornado and storms in the area.

03/19/12 - System 2A was shut down for maintenance.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: **Mar-12**

			Green Pond																	
Date	Time	Notes	Pond			Influent			Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	Level Feet	Aeration Hours	Hours	GPM	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	
Thu-3/1/12	3:05 AM		Y	-	-						770	1,109,166	24.00	-	-	-	-	-	-	
Fri-3/2/12	3:00 AM		Y	-	-						770	1,109,371	24.00	-	-	-	-	-	-	
Sat-3/3/12	3:00 AM	(1)		-	-						758	1,049,606	23.07	-	-	-	-	-	-	
Sun-3/4/12	3:00 AM	(1)		-	-						769	1,107,131	24.00	-	-	-	-	-	-	
Mon-3/5/12	3:00 AM		Y	-	-						769	1,107,278	24.00	-	-	-	-	-	-	
Tue-3/6/12	3:00 AM		Y	-	-						769	1,107,796	24.00	-	-	-	-	-	-	
Wed-3/7/12	3:00 AM		Y	-	-						771	1,109,877	24.00	-	-	-	-	-	-	
Thu-3/8/12	3:00 AM		Y	-	-						771	1,109,918	24.00	-	-	-	-	-	-	
Fri-3/9/12	3:00 AM		Y	-	-						769	1,107,463	24.00	-	-	-	-	-	-	
Sat-3/10/12	3:00 AM	(1)		-	-						769	1,107,189	24.00	-	-	-	-	-	-	
Sun-3/11/12	3:00 AM	(1)		-	-						770	1,109,107	24.00	-	-	-	-	-	-	
Mon-3/12/12	3:00 AM		Y	-	-						771	1,110,819	24.00	-	-	-	-	-	-	
Tue-3/13/12	3:00 AM		Y	-	-						747	1,076,297	24.00	-	-	-	-	-	-	
Wed-3/14/12	3:00 AM		Y	-	-						499	717,986	24.00	-	-	-	-	-	-	
Thu-3/15/12	3:00 AM		Y	-	-						472	439,138	15.52	-	-	-	-	-	-	
Fri-3/16/12	3:00 AM		Y	-	-						762	843,703	18.45	-	-	-	-	-	-	
Sat-3/17/12	3:00 AM	(1)		-	-						767	1,103,983	24.00	-	-	-	-	-	-	
Sun-3/18/12	3:00 AM	(1)		-	-						767	1,104,313	24.00	-	-	-	-	-	-	
Mon-3/19/12	3:00 AM		Y	-	-						698	1,005,164	24.00	-	-	-	-	-	-	
Tue-3/20/12	3:00 AM		Y	-	-						766	1,102,454	24.00	-	-	-	-	-	-	
Wed-3/21/12	3:00 AM		Y	-	-						766	1,102,542	24.00	-	-	-	-	-	-	
Thu-3/22/12	3:00 AM		Y	-	-						766	1,103,698	24.00	-	-	-	-	-	-	
Fri-3/23/12	3:00 AM		Y	-	-						767	1,104,014	24.00	-	-	-	-	-	-	
Sat-3/24/12	3:00 AM	(1)		-	-						766	1,103,254	24.00	-	-	-	-	-	-	
Sun-3/25/12	3:00 AM	(1)		-	-						766	1,103,120	24.00	-	-	-	-	-	-	
Mon-3/26/12	3:00 AM		Y	-	-						765	1,101,941	24.00	-	-	-	-	-	-	
Tue-3/27/12	3:00 AM		Y	-	-						766	1,102,872	24.00	-	-	-	-	-	-	
Wed-3/28/12	3:00 AM		Y	-	-						766	1,103,651	24.00	-	-	-	-	-	-	
Thu-3/29/12	3:00 AM		Y	-	-						760	1,094,859	24.00	-	-	-	-	-	-	
Fri-3/30/12	3:00 AM		Y	-	-						765	1,101,784	24.00	-	-	-	-	-	-	
Sat-3/31/12	3:00 AM	(1)		-	-						766	1,102,514	24.00	-	-	-	-	-	-	
TOTALS												32,762,008	729							

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
3/1/2012	1.109		5	0	no	yes	6.7	8	22
3/2/2012	1.109			0	no	no	6.7		
3/3/2012	1.050								
3/4/2012	1.107		4					7	
3/5/2012	1.107	0.527	5	0	yes	yes	6.7	9	26
3/6/2012	1.108		6	0	no	no	6.7	9	
3/7/2012	1.110		5	0	no	no	6.7	8	
3/8/2012	1.110		5	0	no	yes	6.7	0	20
3/9/2012	1.107			0	no	no	6.7		
3/10/2012	1.107								
3/11/2012	1.109		5					0	
3/12/2012	1.111	0.526	5	0	yes	yes	6.7	0	22
3/13/2012	1.076		4	0	no	no	6.7	6	
3/14/2012	0.718		5	0	no	no	6.7	0	
3/15/2012	0.439		4	0	no	yes	6.7	5	24
3/16/2012	0.844			0	no	no	6.7		
3/17/2012	1.104								
3/18/2012	1.104		5					7	
3/19/2012	1.005	0.511	5	0	yes	yes	6.7	9	28
3/20/2012	1.102		6	0	no	no	6.6	9	
3/21/2012	1.103		6	0	no	no	6.7	8	
3/22/2012	1.104		6	0	no	yes	6.7	0	18
3/23/2012	1.104			0	no	no	6.7		
3/24/2012	1.103								
3/25/2012	1.103		6					0	
3/26/2012	1.102	0.501	6	0	yes	yes	6.7	5	14
3/27/2012	1.103		6	0	no	no	6.8	0	
3/28/2012	1.104		6	0	no	no	6.6	0	
3/29/2012	1.095		5	0	no	yes	6.7	0	14
3/30/2012	1.102			0	no	no	6.8		
3/31/2012	1.103								
Discharged (mg)	32.762								
Monthly Avg			5					4	

Bromate: A zero value equals ND (less than 5 ppb)
 Hydrogen Peroxide - A zero value equals ND (less than 100 ppb)