

EXTRACTION DATA

- TABLE #1 - UNIT "D2" UPGRADIENT EXTRACTION DATA
- TABLE #2 - UNIT "D2" DOWNGRADIENT EXTRACTION DATA
- TABLE #3 - CORE AREA EXTRACTION DATA
- TABLE #4 - MARSHY AREA EXTRACTION DATA
- TABLE #5 - SOUTHWEST AREA EXTRACTION DATA
- TABLE #6 - UNIT "E" EXTRACTION DATA
- TABLE #7 - LITTLE LAKE AREA SYSTEM EXTRACTION DATA
- TABLE #8 - INDIVIDUAL PURGE WELL CONCENTRATIONS
- TABLE #9 - RED POND DATA
- TABLE #10 - RED POND CONCENTRATIONS

OZONE OPERATION DATA

- TABLE #11 - OZONE OPERATION REPORT

DISCHARGE DATA

- TABLE #12 - GREEN POND / DISCHARGE DATA
- TABLE #13 - DAILY DISCHARGE MONITORING REPORT

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: Jul-11

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
Fri-7/1/11	100,683	70	24.00	118,679	82	24.00	177,502	123	24.00	276	396,864
Sat-7/2/11	100,626	70	24.00	118,629	82	24.00	177,533	123	24.00	276	396,788
Sun-7/3/11	100,596	70	24.00	118,535	82	24.00	177,535	123	24.00	275	396,666
Mon-7/4/11	100,663	70	24.00	118,474	82	24.00	177,509	123	24.00	275	396,646
Tue-7/5/11	100,683	70	24.00	118,454	82	24.00	171,927	119	24.00	272	391,064
Wed-7/6/11	100,575	70	24.00	118,450	82	24.00	170,288	118	24.00	270	389,313
Thu-7/7/11	100,473	70	24.00	118,452	82	24.00	170,254	118	24.00	270	389,179
Fri-7/8/11	100,798	70	24.00	118,488	82	24.00	175,537	122	24.00	274	394,823
Sat-7/9/11	100,839	70	24.00	118,401	82	24.00	177,527	123	24.00	276	396,767
Sun-7/10/11	100,925	70	24.00	118,381	82	24.00	177,569	123	24.00	276	396,875
Mon-7/11/11	101,024	70	24.00	118,483	82	24.00	177,448	123	24.00	276	396,955
Tue-7/12/11	100,872	70	24.00	118,470	82	24.00	177,266	123	23.95	275	396,608
Wed-7/13/11	100,872	70	24.00	118,472	82	24.00	177,460	123	24.00	276	396,804
Thu-7/14/11	100,870	70	24.00	118,543	82	24.00	177,452	123	24.00	276	396,865
Fri-7/15/11	100,859	70	24.00	118,441	82	24.00	174,559	121	24.00	274	393,859
Sat-7/16/11	100,955	70	24.00	118,535	82	24.00	170,291	118	24.00	271	389,781
Sun-7/17/11	100,693	70	24.00	118,489	82	24.00	170,360	118	24.00	271	389,542
Mon-7/18/11	100,851	70	24.00	118,651	82	24.00	170,304	118	24.00	271	389,806
Tue-7/19/11	100,532	70	24.00	118,655	82	24.00	170,340	118	24.00	271	389,527
Wed-7/20/11	100,746	70	24.00	118,657	82	24.00	165,296	115	24.00	267	384,699
Thu-7/21/11	100,775	70	24.00	118,617	82	24.00	163,174	113	24.00	266	382,566
Fri-7/22/11	100,656	70	24.00	118,554	82	24.00	173,627	121	24.00	273	392,837
Sat-7/23/11	100,776	70	24.00	118,406	82	24.00	177,501	123	24.00	275	396,683
Sun-7/24/11	100,871	70	24.00	118,234	82	24.00	177,534	123	24.00	275	396,639
Mon-7/25/11	100,798	70	24.00	118,135	82	24.00	177,514	123	24.00	275	396,447
Tue-7/26/11	100,746	70	24.00	118,031	82	24.00	177,490	123	24.00	275	396,267
Wed-7/27/11	94,888	70	22.62	118,182	82	24.00	177,434	123	24.00	271	390,504
Thu-7/28/11	80,724	70	19.23	35,253	82	7.18	173,001	149	19.38	201	288,978
Fri-7/29/11	100,597	70	24.00	77,684	81	16.05	177,484	123	24.00	247	355,765
Sat-7/30/11	100,599	70	24.00	116,186	81	24.00	177,531	123	24.00	274	394,316
Sun-7/31/11	100,705	70	24.00	116,162	81	24.00	177,531	123	24.00	274	394,398
TOTALS	3,097,270	70	737.85	3,543,783	82	719.23	5,413,778	122	739.33	270	12,054,831

TOTAL VOLUME EXTRACTED :	12,054,831 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	270.05 GPM

07/27/11 - TW-9 was shut down to adjust the Pond level.
 07/28/11 - Extraction was shut down intermittently due to DTE power failures in the area.
 07/29/11 - TW-5 was shut down to adjust the Pond level.

UNIT D2 DOWNGRADE EXTRACTION DATA

Month of: Jul-11

Date	LB-1			LB-3			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Fri-7/1/11	86,463	60	24.00	57,622	40	24.00	100	144,085
Sat-7/2/11	86,466	60	24.00	57,619	40	24.00	100	144,085
Sun-7/3/11	86,468	60	24.00	57,546	40	24.00	100	144,014
Mon-7/4/11	86,467	60	24.00	57,721	40	24.00	100	144,188
Tue-7/5/11	86,458	60	24.00	57,646	40	23.98	100	144,104
Wed-7/6/11	86,459	60	23.98	57,645	40	24.00	100	144,104
Thu-7/7/11	86,465	60	24.00	57,565	40	24.00	100	144,030
Fri-7/8/11	86,466	60	24.00	57,626	40	24.00	100	144,092
Sat-7/9/11	86,459	60	24.00	57,576	40	24.00	100	144,035
Sun-7/10/11	86,462	60	24.00	57,765	40	24.00	100	144,227
Mon-7/11/11	86,470	60	24.00	57,668	40	24.00	100	144,138
Tue-7/12/11	86,456	60	24.00	57,561	40	23.98	100	144,017
Wed-7/13/11	86,461	60	23.98	57,655	40	24.00	100	144,116
Thu-7/14/11	86,467	60	24.00	57,510	40	24.00	100	143,977
Fri-7/15/11	86,471	60	24.00	57,531	40	24.00	100	144,002
Sat-7/16/11	86,453	60	24.00	57,794	40	24.00	100	144,247
Sun-7/17/11	86,463	60	24.00	57,635	40	24.00	100	144,098
Mon-7/18/11	86,454	60	24.00	57,738	40	24.00	100	144,192
Tue-7/19/11	86,461	60	24.00	57,604	40	23.98	100	144,065
Wed-7/20/11	86,460	60	23.98	57,542	40	24.00	100	144,002
Thu-7/21/11	86,445	60	24.00	57,633	40	24.00	100	144,078
Fri-7/22/11	86,454	60	24.00	57,665	40	24.00	100	144,119
Sat-7/23/11	86,468	60	24.00	57,695	40	24.00	100	144,163
Sun-7/24/11	86,463	60	24.00	57,642	40	24.00	100	144,105
Mon-7/25/11	86,455	60	24.00	57,748	40	24.00	100	144,205
Tue-7/26/11	86,451	60	24.00	57,764	40	23.98	100	144,215
Wed-7/27/11	86,464	60	23.98	55,995	40	23.32	99	142,459
Thu-7/28/11	70,216	60	19.52	30,655	40	12.78	70	100,871
Fri-7/29/11	76,889	57	22.62	44,734	40	18.87	84	121,623
Sat-7/30/11	86,464	60	24.00	57,709	40	24.00	100	144,173
Sun-7/31/11	86,461	60	24.00	57,717	40	24.00	100	144,178
TOTALS	2,654,479	60	738.06	1,745,526	40	726.89	99	4,400,005

TOTAL VOLUME EXTRACTED :	4,400,005 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	98.57 GPM

07/28/11 - 07/29/11 - Extraction was shut down intermittently due to DTE power failures in the area.

CORE AREA EXTRACTION DATA

Month of: Jul-11

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
Fri-7/1/11	33,061	23	24.00	98,252	68	24.00	72,062	50	24.00	141	203,375
Sat-7/2/11	33,062	23	24.00	98,368	68	24.00	72,106	50	24.00	141	203,536
Sun-7/3/11	33,013	23	24.00	98,547	68	24.00	72,099	50	24.00	141	203,659
Mon-7/4/11	32,994	23	24.00	94,213	65	24.00	72,085	50	24.00	138	199,292
Tue-7/5/11	33,005	23	24.00	72,331	50	24.00	72,102	50	24.00	123	177,438
Wed-7/6/11	33,005	23	24.00	72,411	50	24.00	72,094	50	24.00	123	177,510
Thu-7/7/11	32,997	23	24.00	72,351	50	24.00	72,069	50	24.00	123	177,417
Fri-7/8/11	33,021	23	24.00	87,661	61	24.00	72,131	50	24.00	134	192,813
Sat-7/9/11	33,017	23	24.00	93,913	65	24.00	72,119	50	24.00	138	199,049
Sun-7/10/11	33,013	23	24.00	94,107	65	24.00	72,131	50	24.00	138	199,251
Mon-7/11/11	32,960	23	24.00	96,285	67	24.00	72,098	50	24.00	140	201,343
Tue-7/12/11	32,947	23	24.00	94,460	66	24.00	72,104	50	24.00	139	199,511
Wed-7/13/11	33,012	23	24.00	93,484	65	24.00	72,090	50	24.00	138	198,586
Thu-7/14/11	33,027	23	24.00	93,517	65	24.00	72,090	50	24.00	138	198,654
Fri-7/15/11	33,042	23	24.00	93,384	65	24.00	72,111	50	24.00	138	198,537
Sat-7/16/11	33,026	23	24.00	92,234	64	24.00	72,115	50	24.00	137	197,375
Sun-7/17/11	33,032	23	24.00	91,541	64	24.00	72,098	50	24.00	137	196,671
Mon-7/18/11	33,030	23	24.00	92,277	64	24.00	72,077	50	24.00	137	197,384
Tue-7/19/11	32,996	23	24.00	91,549	64	24.00	72,109	50	24.00	137	196,654
Wed-7/20/11	32,980	23	24.00	90,762	63	24.00	72,094	50	24.00	136	195,836
Thu-7/21/11	32,950	23	24.00	89,908	62	24.00	72,096	50	24.00	135	194,954
Fri-7/22/11	32,906	23	24.00	87,803	61	24.00	72,103	50	24.00	134	192,812
Sat-7/23/11	32,918	23	24.00	87,254	61	24.00	72,114	50	24.00	134	192,286
Sun-7/24/11	32,927	23	24.00	87,113	60	24.00	72,103	50	24.00	133	192,143
Mon-7/25/11	32,929	23	24.00	87,556	61	24.00	72,087	50	24.00	134	192,572
Tue-7/26/11	32,948	23	24.00	87,087	60	24.00	72,101	50	24.00	133	192,136
Wed-7/27/11	33,299	23	24.00	78,236	58	22.60	72,114	50	24.00	128	183,649
Thu-7/28/11	27,309	24	19.30	63,596	55	19.22	57,301	50	19.07	103	148,206
Fri-7/29/11	33,825	23	24.00	78,754	55	24.00	72,045	50	24.00	128	184,624
Sat-7/30/11	33,776	23	24.00	78,934	55	24.00	72,101	50	24.00	128	184,811
Sun-7/31/11	33,374	23	24.00	79,166	55	24.00	72,109	50	24.00	128	184,649
TOTALS	1,019,401	23	739.30	2,717,054	61	737.82	2,220,258	50	739.07	133	5,956,713

TOTAL VOLUME EXTRACTED :	5,956,713 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	133.44 GPM

07/28/11 - Extraction was shut down intermittently due to DTE power failures in the area.

MARSHY AREA EXTRACTION DATA

Month of: Jul-11

Marshy Well Extraction				Daily	Daily
Date	PW-1 Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Fri-7/1/11	5,716	4	24.00	4	5,716
Sat-7/2/11	5,691	4	24.00	4	5,691
Sun-7/3/11	5,680	4	24.00	4	5,680
Mon-7/4/11	5,666	4	24.00	4	5,666
Tue-7/5/11	5,645	4	24.00	4	5,645
Wed-7/6/11	5,577	4	24.00	4	5,577
Thu-7/7/11	5,498	4	24.00	4	5,498
Fri-7/8/11	5,266	4	24.00	4	5,266
Sat-7/9/11	4,632	3	24.00	3	4,632
Sun-7/10/11	4,542	3	24.00	3	4,542
Mon-7/11/11	4,512	3	24.00	3	4,512
Tue-7/12/11	4,509	3	24.00	3	4,509
Wed-7/13/11	4,522	3	24.00	3	4,522
Thu-7/14/11	4,543	3	24.00	3	4,543
Fri-7/15/11	4,508	3	24.00	3	4,508
Sat-7/16/11	4,504	3	24.00	3	4,504
Sun-7/17/11	4,484	3	24.00	3	4,484
Mon-7/18/11	4,421	3	24.00	3	4,421
Tue-7/19/11	4,364	3	24.00	3	4,364
Wed-7/20/11	4,320	3	24.00	3	4,320
Thu-7/21/11	4,277	3	24.00	3	4,277
Fri-7/22/11	4,235	3	24.00	3	4,235
Sat-7/23/11	4,176	3	24.00	3	4,176
Sun-7/24/11	4,130	3	24.00	3	4,130
Mon-7/25/11	4,074	3	24.00	3	4,074
Tue-7/26/11	4,063	3	24.00	3	4,063
Wed-7/27/11	4,056	3	24.00	3	4,056
Thu-7/28/11	4,179	4	19.02	3	4,179
Fri-7/29/11	5,974	4	24.00	4	5,974
Sat-7/30/11	5,907	4	24.00	4	5,907
Sun-7/31/11	5,762	4	24.00	4	5,762
TOTALS	149,433	3	739.02	3	149,433

TOTAL VOLUME EXTRACTED :	149,433 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	3.35 GPM

07/28/11 - Extraction was shut down intermittently due to DTE power failures in the area.

SOUTHWEST AREA EXTRACTION DATA

Month of: Jul-11

SouthWest Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-7/1/11	41,003	28	24.00	28	41,003
Sat-7/2/11	41,046	29	24.00	29	41,046
Sun-7/3/11	41,080	29	24.00	29	41,080
Mon-7/4/11	41,173	29	24.00	29	41,173
Tue-7/5/11	41,239	29	24.00	29	41,239
Wed-7/6/11	41,305	29	24.00	29	41,305
Thu-7/7/11	41,356	29	24.00	29	41,356
Fri-7/8/11	41,382	29	24.00	29	41,382
Sat-7/9/11	41,260	29	24.00	29	41,260
Sun-7/10/11	41,279	29	24.00	29	41,279
Mon-7/11/11	41,415	29	24.00	29	41,415
Tue-7/12/11	41,477	29	24.00	29	41,477
Wed-7/13/11	41,469	29	24.00	29	41,469
Thu-7/14/11	41,510	29	24.00	29	41,510
Fri-7/15/11	41,556	29	24.00	29	41,556
Sat-7/16/11	41,542	29	24.00	29	41,542
Sun-7/17/11	41,564	29	24.00	29	41,564
Mon-7/18/11	41,646	29	24.00	29	41,646
Tue-7/19/11	41,709	29	24.00	29	41,709
Wed-7/20/11	41,735	29	24.00	29	41,735
Thu-7/21/11	41,811	29	24.00	29	41,811
Fri-7/22/11	41,800	29	24.00	29	41,800
Sat-7/23/11	41,764	29	24.00	29	41,764
Sun-7/24/11	41,756	29	24.00	29	41,756
Mon-7/25/11	41,788	29	24.00	29	41,788
Tue-7/26/11	41,969	29	24.00	29	41,969
Wed-7/27/11	41,979	29	24.00	29	41,979
Thu-7/28/11	42,192	29	24.00	29	42,192
Fri-7/29/11	42,094	29	24.00	29	42,094
Sat-7/30/11	7,771	29	4.43	5	7,771
Sun-7/31/11	-	-	-	<2	-
TOTALS	1,212,670	29	700.43	28	1,212,670

TOTAL VOLUME EXTRACTED :	1,212,670 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	27.17 GPM

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

07/30/11-07/31/11 - SW Extraction was shut down for maintenance.

UNIT "E" EXTRACTION DATA

Month of: Jul-11

Date	TW-11			TW-18			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Fri-7/1/11	46,113	32	24.00	180,330	125	24.00	157	226,443
Sat-7/2/11	46,081	32	24.00	180,320	125	24.00	157	226,401
Sun-7/3/11	46,105	32	24.00	180,337	125	24.00	157	226,442
Mon-7/4/11	46,062	32	24.00	180,346	125	24.00	157	226,408
Tue-7/5/11	46,303	32	24.00	174,963	122	24.00	154	221,266
Wed-7/6/11	46,437	32	24.00	173,050	120	24.00	152	219,487
Thu-7/7/11	46,400	32	24.00	173,057	120	24.00	152	219,457
Fri-7/8/11	46,386	32	24.00	178,088	124	24.00	156	224,474
Sat-7/9/11	46,365	32	24.00	180,244	125	24.00	157	226,609
Sun-7/10/11	46,376	32	24.00	180,236	125	24.00	157	226,612
Mon-7/11/11	46,358	32	24.00	180,324	125	24.00	157	226,682
Tue-7/12/11	46,351	32	24.00	180,150	125	23.95	157	226,501
Wed-7/13/11	46,336	32	24.00	180,335	125	24.00	157	226,671
Thu-7/14/11	46,285	32	24.00	180,360	125	24.00	157	226,645
Fri-7/15/11	46,272	32	24.00	177,710	123	24.00	156	223,982
Sat-7/16/11	46,238	32	24.00	173,004	120	24.00	152	219,242
Sun-7/17/11	46,281	32	24.00	172,933	120	24.00	152	219,214
Mon-7/18/11	46,280	32	24.00	172,988	120	24.00	152	219,268
Tue-7/19/11	46,371	32	24.00	172,968	120	24.00	152	219,539
Wed-7/20/11	46,211	32	24.00	168,163	117	24.00	149	214,374
Thu-7/21/11	46,277	32	24.00	165,646	115	24.00	147	211,923
Fri-7/22/11	46,230	32	24.00	175,770	122	24.00	154	222,000
Sat-7/23/11	46,021	32	24.00	180,379	125	24.00	157	226,400
Sun-7/24/11	45,989	32	24.00	180,356	125	24.00	157	226,345
Mon-7/25/11	46,300	32	24.00	180,352	125	24.00	157	226,652
Tue-7/26/11	46,978	33	24.00	180,368	125	24.00	158	227,346
Wed-7/27/11	46,474	32	24.00	180,379	125	24.00	158	226,853
Thu-7/28/11	13,920	32	7.18	145,590	125	19.38	111	159,510
Fri-7/29/11	25,630	27	16.05	180,410	125	24.00	143	206,040
Sat-7/30/11	37,832	26	24.00	180,380	125	24.00	152	218,212
Sun-7/31/11	37,428	26	24.00	180,382	125	24.00	151	217,810
TOTALS	1,364,890	32	719.23	5,469,918	123	739.33	153	6,834,808

TOTAL VOLUME EXTRACTED :	6,834,808 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	153.11 GPM

07/28/11 - Extraction was shut down intermittently due to DTE power failures in the area.
 07/29/11 - TW-11 was shut down to adjust the Pond level.

TABLE #7
Little Lake Area System Purging

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

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

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

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

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

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

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

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
10/08/10	37
01/26/11	40
04/12/11	23

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
05/11/04	160

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
05/13/05	135
06/27/05	128

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
05/04/06	122
06/01/06	117
07/07/06	116

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
05/03/07	104
06/07/07	112
07/12/07	116
08/07/07	109

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
04/03/08	92
05/01/08	94
06/05/08	98
07/10/08	101
08/07/08	92

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
04/02/09	98
05/07/09	100
06/04/09	93
07/09/09	96
08/06/09	105
09/03/09	100

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
10/01/09	91
11/05/09	90
12/03/09	71
01/07/10	93
02/04/10	89
03/04/10	87
04/01/10	88
05/06/10	87
06/10/10	89
07/08/10	99
08/05/10	98
09/13/10	83
10/07/10	112

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
11/09/10	88
12/02/10	103
01/06/11	93
02/10/11	106
03/03/11	94
04/07/11	103
05/05/11	107
06/02/11	97

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-07-11-11-08:34-1	7/11/11	220
TW-10-07-11-11-13:49-1	7/11/11	500
TW-20-07-11-11-13:42-2	7/11/11	750
LB-1-07-11-11-11:15-1	7/11/11	430
LB-3-07-11-11-11:12-1	7/11/11	440
TW-21-07-11-11-11:45-1	7/11/11	190
TW-5-07-11-11-13:20-1	7/11/11	760
TW-9-07-11-11-13:55-1	7/11/11	530
TW-11-07-11-11-13:23-1	7/11/11	98
TW-18-07-11-11-08:36-1	7/11/11	270
PW-1-07-11-11-08:38-1	7/11/11	800
SW-COMB-07-11-11-08:32-1	7/11/11	340
TW-22-07-11-11-10:45-1	7/11/11	470
TW-8-07-11-11-14:20-1	7/11/11	360

RED POND DATA

Month of: Jul-11

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Fri-7/1/11	3:05		Y	5.4	-	24.00	707
Sat-7/2/11	3:00	(1)		5.4	-	24.00	707
Sun-7/3/11	3:00	(1)		5.4	-	24.00	707
Mon-7/4/11	3:00		Y	5.5	-	24.00	704
Tue-7/5/11	3:00		Y	6.3	-	24.00	681
Wed-7/6/11	3:00		Y	6.0	-	24.00	679
Thu-7/7/11	3:00		Y	5.7	-	24.00	678
Fri-7/8/11	3:00		Y	5.3	-	24.00	696
Sat-7/9/11	3:00	(1)		5.2	-	24.00	703
Sun-7/10/11	3:00	(1)		5.2	-	24.00	703
Mon-7/11/11	3:00		Y	5.2	-	24.00	705
Tue-7/12/11	3:00		Y	5.3	-	24.00	703
Wed-7/13/11	3:00		Y	5.3	-	24.00	703
Thu-7/14/11	3:00		Y	5.3	-	24.00	703
Fri-7/15/11	3:00		Y	5.2	-	24.00	699
Sat-7/16/11	3:00	(1)		5.9	-	24.00	692
Sun-7/17/11	3:00	(1)		5.7	-	24.00	691
Mon-7/18/11	3:00		Y	5.6	-	24.00	692
Tue-7/19/11	3:00		Y	5.4	-	24.00	692
Wed-7/20/11	3:00		Y	6.0	-	24.00	684
Thu-7/21/11	3:00		Y	5.9	-	24.00	680
Fri-7/22/11	3:00		Y	5.6	-	24.00	693
Sat-7/23/11	3:00	(1)		5.5	-	24.00	698
Sun-7/24/11	3:00	(1)		5.4	-	24.00	698
Mon-7/25/11	3:00		Y	5.3	-	24.00	698
Tue-7/26/11	3:00		Y	5.8	-	24.00	699
Wed-7/27/11	3:00		Y	5.9	-	24.00	687
Thu-7/28/11	3:00		Y	6.5	-	24.00	517
Fri-7/29/11	3:00		Y	6.1	-	24.00	636
Sat-7/30/11	3:00	(1)		5.5	-	24.00	663
Sun-7/31/11	3:00	(1)		4.9	-	24.00	657
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	Date Sampled	1,4-DIOXANE (ppb)
Red Pond-07-05-11-09:30-1	7/5/11	500
Red Pond-07-11-11-08:30-1	7/11/11	450
Red Pond-07-18-11-08:30-1	7/18/11	310
Red Pond-07-25-11-08:10-1	7/25/11	240

OZONE OPERATION REPORT

Month of: Jul-11

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-7/1/11	3:07 AM		359	24.00	0	0.00	360	24.00	0	0.00
Sat-7/2/11	3:00 AM	(1)	360	24.00	0	0.00	361	24.00	0	0.00
Sun-7/3/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Mon-7/4/11	3:00 AM		360	22.12	0	0.00	360	21.90	0	0.00
Tue-7/5/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Wed-7/6/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Thu-7/7/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Fri-7/8/11	3:00 AM		360	24.00	0	0.00	361	24.00	0	0.00
Sat-7/9/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Sun-7/10/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Mon-7/11/11	3:00 AM		360	24.00	0	0.00	361	24.00	0	0.00
Tue-7/12/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Wed-7/13/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Thu-7/14/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Fri-7/15/11	3:00 AM		359	22.28	0	0.00	361	22.37	0	0.00
Sat-7/16/11	3:00 AM	(1)	360	24.00	0	0.00	361	24.00	0	0.00
Sun-7/17/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Mon-7/18/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Tue-7/19/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Wed-7/20/11	3:00 AM		360	24.00	0	0.00	361	24.00	0	0.00
Thu-7/21/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Fri-7/22/11	3:00 AM		359	24.00	0	0.00	360	24.00	0	0.00
Sat-7/23/11	3:00 AM	(1)	359	24.00	0	0.00	360	24.00	0	0.00
Sun-7/24/11	3:00 AM	(1)	360	24.00	0	0.00	361	24.00	0	0.00
Mon-7/25/11	3:00 AM		361	24.00	0	0.00	360	23.73	0	0.00
Tue-7/26/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Wed-7/27/11	3:00 AM		360	24.00	0	0.00	360	22.13	0	0.00
Thu-7/28/11	3:00 AM		360	19.38	0	0.00	360	18.03	0	0.00
Fri-7/29/11	3:00 AM		360	23.75	0	0.00	360	23.82	0	0.00
Sat-7/30/11	3:00 AM	(1)	359	24.00	0	0.00	361	24.00	0	0.00
Sun-7/31/11	3:00 AM	(1)	359	24.00	0	0.00	360	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.

07/04/11 - Treatment was shut down briefly due to DTE power failure.

07/15/11 - Treatment was shut down briefly for maintenance.

07/27/11 - System 2A was shut down for maintenance.

07/28/11 - 07/29/11 - Treatment was shut down intermittently due to DTE power failures in the area.

GREEN POND / DISCHARGE DATA

Month of: Jul-11

			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	Influent Hours	Influent GPM	Pond Discharge GPM	Pond Discharge Gallons	Pond Discharge Hours	Bypass Discharge GPM	Bypass Discharge Gallons	Bypass Discharge Hours	Recirc Thru UV to Pond GPM	Recirc Thru UV to Pond Gallons	Recirc Thru UV to Pond Hours	Recirc Thru UV to Disch GPM	Recirc Thru UV to Disch Gallons	Recirc Thru UV to Disch Hours		
Fri-7/1/11	3:05 AM		Y	-	-	-	-	-	-	-	-	-	749	1,078,573	24.00	-	-	-	-	-	-
Sat-7/2/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	749	1,078,662	24.00	-	-	-	-	-	-
Sun-7/3/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	749	1,078,391	24.00	-	-	-	-	-	-
Mon-7/4/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	745	987,680	22.10	-	-	-	-	-	-
Tue-7/5/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	751	1,081,397	24.00	-	-	-	-	-	-
Wed-7/6/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,078,984	24.00	-	-	-	-	-	-
Thu-7/7/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,078,811	24.00	-	-	-	-	-	-
Fri-7/8/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	748	1,077,837	24.00	-	-	-	-	-	-
Sat-7/9/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	748	1,077,444	24.00	-	-	-	-	-	-
Sun-7/10/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	748	1,077,592	24.00	-	-	-	-	-	-
Mon-7/11/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	748	1,077,811	24.00	-	-	-	-	-	-
Tue-7/12/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	748	1,077,662	24.00	-	-	-	-	-	-
Wed-7/13/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	748	1,077,829	24.00	-	-	-	-	-	-
Thu-7/14/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,077,887	24.00	-	-	-	-	-	-
Fri-7/15/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	745	1,002,461	22.43	-	-	-	-	-	-
Sat-7/16/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	749	1,078,666	24.00	-	-	-	-	-	-
Sun-7/17/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	748	1,077,543	24.00	-	-	-	-	-	-
Mon-7/18/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	748	1,077,774	24.00	-	-	-	-	-	-
Tue-7/19/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,078,149	24.00	-	-	-	-	-	-
Wed-7/20/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,078,463	24.00	-	-	-	-	-	-
Thu-7/21/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,078,398	24.00	-	-	-	-	-	-
Fri-7/22/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,078,273	24.00	-	-	-	-	-	-
Sat-7/23/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	749	1,078,305	24.00	-	-	-	-	-	-
Sun-7/24/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	749	1,078,340	24.00	-	-	-	-	-	-
Mon-7/25/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	746	1,073,688	24.00	-	-	-	-	-	-
Tue-7/26/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	749	1,079,046	24.00	-	-	-	-	-	-
Wed-7/27/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	721	1,038,824	24.00	-	-	-	-	-	-
Thu-7/28/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	723	835,352	19.25	-	-	-	-	-	-
Fri-7/29/11	3:00 AM		Y	-	-	-	-	-	-	-	-	-	741	1,067,455	24.00	-	-	-	-	-	-
Sat-7/30/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	746	1,074,157	24.00	-	-	-	-	-	-
Sun-7/31/11	3:00 AM	(1)		-	-	-	-	-	-	-	-	-	746	1,074,796	24.00	-	-	-	-	-	-
TOTALS														32,956,250	736						

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
7/1/2011	1.079			0	no	no	6.6		20
7/2/2011	1.079								
7/3/2011	1.078		7					5	
7/4/2011	0.988		5					5	
7/5/2011	1.081	0.5	6	100	yes	yes	6.5	0	42
7/6/2011	1.079		6	0	no	no	6.5	0	28
7/7/2011	1.079		6	0	no	yes	6.6	0	30
7/8/2011	1.078			100	no	no	6.6		30
7/9/2011	1.077								
7/10/2011	1.078		5					0	
7/11/2011	1.078	0.45	6	100	yes	yes	6.6	0	20
7/12/2011	1.078		5	0	no	no	6.6	0	18
7/13/2011	1.078		4	0	no	no	6.7	0	24
7/14/2011	1.078		5	0	no	yes	6.6	0	22
7/15/2011	1.002			0	no	no	6.7		20
7/16/2011	1.079								
7/17/2011	1.078		5					0	
7/18/2011	1.078	0.31	5	0	yes	yes	6.6	0	22
7/19/2011	1.078		4	0	no	no	6.6	0	28
7/20/2011	1.078		5	100	no	no	6.6	0	18
7/21/2011	1.078		6	0	no	yes	6.6	0	20
7/22/2011	1.078			150	no	no	6.6		16
7/23/2011	1.078								
7/24/2011	1.078		5					5	
7/25/2011	1.074	0.24	6	0	yes	yes	6.7	0	28
7/26/2011	1.079		6	0	no	no	6.7	0	26
7/27/2011	1.039		5	0	no	no	6.7	0	18
7/28/2011	0.835		7	0	no	yes	6.7	0	35
7/29/2011	1.067			0	no	no	6.7		35
7/30/2011	1.074								
7/31/2011	1.075		5					5	
Discharged (mg)	32.956								
Monthly Avg			5					1	

Bromate: A zero value equals ND (less than 5 ppb)

Hydrogen Peroxide - A zero value equals ND (less than .1ppm)