

EXTRACTION DATA

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UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **Feb-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
Wed-2/1/12	86,454	60	24.00	116,470	81	24.00	143,974	100	24.00	241	346,898
Thu-2/2/12	86,485	60	24.00	116,468	81	24.00	143,702	100	23.98	241	346,655
Fri-2/3/12	86,463	60	24.00	116,202	81	24.00	143,888	100	24.00	241	346,553
Sat-2/4/12	86,509	60	24.00	116,182	81	24.00	143,504	100	23.97	240	346,195
Sun-2/5/12	86,461	60	24.00	116,255	81	24.00	143,925	100	24.00	241	346,641
Mon-2/6/12	86,679	60	24.00	116,225	81	24.00	143,942	100	24.00	241	346,846
Tue-2/7/12	86,473	60	24.00	116,150	81	24.00	143,886	100	24.00	241	346,509
Wed-2/8/12	68,891	57	20.17	116,793	81	24.00	143,884	100	24.00	229	329,568
Thu-2/9/12	79,248	55	24.00	117,114	81	24.00	143,680	100	23.98	236	340,042
Fri-2/10/12	79,082	55	24.00	117,177	81	24.00	143,863	100	24.00	236	340,122
Sat-2/11/12	79,068	55	24.00	117,204	81	24.00	143,607	100	23.95	236	339,879
Sun-2/12/12	77,986	55	23.63	116,624	81	24.00	140,674	100	23.48	233	335,284
Mon-2/13/12	81,178	56	24.00	116,161	81	24.00	143,089	100	23.88	236	340,428
Tue-2/14/12	78,878	55	24.00	116,476	81	24.00	143,891	100	24.00	236	339,245
Wed-2/15/12	79,155	55	24.00	116,463	81	24.00	143,921	100	24.00	236	339,539
Thu-2/16/12	79,235	55	24.00	116,569	81	24.00	143,925	100	24.00	236	339,729
Fri-2/17/12	79,257	55	24.00	116,864	81	24.00	143,938	100	24.00	236	340,059
Sat-2/18/12	83,918	58	24.00	116,837	81	24.00	143,905	100	24.00	239	344,660
Sun-2/19/12	86,541	60	24.00	116,673	81	24.00	143,873	100	24.00	241	347,087
Mon-2/20/12	86,650	60	24.00	116,030	81	24.00	143,906	100	24.00	241	346,586
Tue-2/21/12	85,390	60	23.72	117,491	82	23.98	142,192	100	23.68	240	345,073
Wed-2/22/12	84,107	58	24.00	117,797	82	24.00	143,927	100	24.00	240	345,831
Thu-2/23/12	79,030	55	24.00	117,741	82	24.00	143,957	100	24.00	237	340,728
Fri-2/24/12	79,124	55	24.00	118,206	82	24.00	143,903	100	24.00	237	341,233
Sat-2/25/12	78,960	55	24.00	119,013	83	24.00	143,894	100	24.00	237	341,867
Sun-2/26/12	78,914	55	24.00	118,870	83	24.00	143,926	100	24.00	237	341,710
Mon-2/27/12	84,885	59	24.00	119,068	83	24.00	143,929	100	24.00	242	347,882
Tue-2/28/12	86,765	60	24.00	118,976	83	24.00	143,946	100	24.00	243	349,687
Wed-2/29/12	86,513	60	24.00	119,191	83	24.00	143,941	100	24.00	243	349,645
TOTALS	2,388,299	58	691.52	3,397,290	81	695.98	4,166,592	100	694.93	238	9,952,181

TOTAL VOLUME EXTRACTED :	9,952,181 GALLONS
DAYS IN MONTH :	29 DAYS
MONTHLY AVERAGE FLOW RATE :	238.32 GPM

02/08/12 - TW-9 was shut down for maintenance.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Feb-12**

Date	LB-1			LB-3			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Wed-2/1/12	86,248	60	24.00	57,664	40	23.98	100	143,912
Thu-2/2/12	86,210	60	24.00	57,593	40	24.00	100	143,803
Fri-2/3/12	86,172	60	24.00	57,670	40	24.00	100	143,842
Sat-2/4/12	86,222	60	23.98	57,714	40	24.00	100	143,936
Sun-2/5/12	86,243	60	24.00	57,636	40	24.00	100	143,879
Mon-2/6/12	86,291	60	24.00	57,704	40	24.00	100	143,995
Tue-2/7/12	86,259	60	24.00	57,580	40	23.98	100	143,839
Wed-2/8/12	86,258	60	24.00	57,800	40	24.00	100	144,058
Thu-2/9/12	86,277	60	24.00	57,492	40	24.00	100	143,769
Fri-2/10/12	86,108	60	23.98	57,539	40	24.00	100	143,647
Sat-2/11/12	86,097	60	24.00	57,739	40	24.00	100	143,836
Sun-2/12/12	86,101	60	24.00	57,752	40	24.00	100	143,853
Mon-2/13/12	86,101	60	24.00	57,631	40	24.00	100	143,732
Tue-2/14/12	86,105	60	24.00	57,733	40	23.98	100	143,838
Wed-2/15/12	86,085	60	24.00	57,633	40	24.00	100	143,718
Thu-2/16/12	86,094	60	24.00	57,667	40	24.00	100	143,761
Fri-2/17/12	86,089	60	23.98	57,510	40	24.00	100	143,599
Sat-2/18/12	86,089	60	24.00	57,603	40	24.00	100	143,692
Sun-2/19/12	86,093	60	24.00	57,842	40	24.00	100	143,935
Mon-2/20/12	86,094	60	24.00	57,585	40	24.00	100	143,679
Tue-2/21/12	86,140	60	24.00	57,941	40	23.98	100	144,081
Wed-2/22/12	86,277	60	24.00	58,105	40	24.00	100	144,382
Thu-2/23/12	86,214	60	24.00	57,488	40	24.00	100	143,702
Fri-2/24/12	86,270	60	23.98	57,944	40	24.00	100	144,214
Sat-2/25/12	86,305	60	24.00	57,592	40	24.00	100	143,897
Sun-2/26/12	86,163	60	24.00	57,526	40	24.00	100	143,689
Mon-2/27/12	86,092	60	24.00	57,600	40	24.00	100	143,692
Tue-2/28/12	86,092	60	24.00	57,939	40	23.98	100	144,031
Wed-2/29/12	86,138	60	24.00	57,979	40	24.00	100	144,117
TOTALS	2,498,927	60	695.92	1,673,201	40	695.90	100	4,172,128

TOTAL VOLUME EXTRACTED :	4,172,128 GALLONS
DAYS IN MONTH :	29 DAYS
MONTHLY AVERAGE FLOW RATE :	99.91 GPM

CORE AREA EXTRACTION DATA

Month of: Feb-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
Wed-2/1/12	36,119	25	24.00	100,123	70	24.00	73,406	51	24.00	146	209,648
Thu-2/2/12	36,232	25	24.00	100,178	70	24.00	73,423	51	24.00	146	209,833
Fri-2/3/12	35,395	25	24.00	100,232	70	24.00	73,439	51	24.00	145	209,066
Sat-2/4/12	36,065	25	24.00	100,051	69	24.00	73,406	51	24.00	146	209,522
Sun-2/5/12	35,098	24	24.00	100,182	70	24.00	73,517	51	24.00	145	208,797
Mon-2/6/12	35,953	25	24.00	100,211	70	24.00	73,444	51	24.00	146	209,608
Tue-2/7/12	36,103	25	24.00	100,210	70	24.00	73,475	51	24.00	146	209,788
Wed-2/8/12	35,190	24	24.00	97,002	67	24.00	73,506	51	24.00	143	205,698
Thu-2/9/12	34,839	24	24.00	93,355	65	24.00	73,447	51	24.00	140	201,641
Fri-2/10/12	34,314	24	24.00	92,264	64	24.00	73,501	51	24.00	139	200,079
Sat-2/11/12	32,790	23	24.00	86,382	60	24.00	73,463	51	24.00	134	192,635
Sun-2/12/12	33,800	24	23.58	84,788	60	23.62	72,316	51	23.62	133	190,904
Mon-2/13/12	36,647	25	24.00	91,783	64	24.00	73,521	51	24.00	140	201,951
Tue-2/14/12	35,438	25	24.00	93,690	65	24.00	73,513	51	24.00	141	202,641
Wed-2/15/12	36,264	25	24.00	93,561	65	24.00	73,502	51	24.00	141	203,327
Thu-2/16/12	36,436	25	24.00	93,542	65	24.00	73,490	51	24.00	141	203,468
Fri-2/17/12	36,457	25	24.00	93,566	65	24.00	73,486	51	24.00	141	203,509
Sat-2/18/12	36,391	25	24.00	98,033	68	24.00	73,528	51	24.00	144	207,952
Sun-2/19/12	34,979	24	24.00	100,858	70	24.00	73,525	51	24.00	145	209,362
Mon-2/20/12	34,569	24	24.00	100,848	70	24.00	73,502	51	24.00	145	208,919
Tue-2/21/12	37,200	26	23.73	99,776	70	23.73	63,102	50	21.18	139	200,078
Wed-2/22/12	38,287	27	24.00	98,932	69	24.00	73,262	51	24.00	146	210,481
Thu-2/23/12	38,201	27	24.00	93,909	65	24.00	72,283	50	24.00	142	204,393
Fri-2/24/12	38,148	26	24.00	93,815	65	24.00	71,539	50	24.00	141	203,502
Sat-2/25/12	36,631	25	24.00	93,719	65	24.00	71,026	49	24.00	140	201,376
Sun-2/26/12	35,150	24	24.00	93,726	65	24.00	70,498	49	24.00	138	199,374
Mon-2/27/12	36,059	25	24.00	99,084	69	24.00	70,432	49	24.00	143	205,575
Tue-2/28/12	35,316	25	24.00	111,311	77	24.00	70,225	49	24.00	151	216,852
Wed-2/29/12	35,988	25	24.00	115,274	80	24.00	70,121	49	24.00	154	221,383
TOTALS	1,040,059	25	695.32	2,820,405	68	695.35	2,100,898	51	692.80	143	5,961,362

TOTAL VOLUME EXTRACTED :	5,961,362 GALLONS
DAYS IN MONTH :	29 DAYS
MONTHLY AVERAGE FLOW RATE :	142.75 GPM

02/21/12 - TW-20 was shut down briefly due to a DTE power failure.

MARSHY AREA EXTRACTION DATA

Month of: **Feb-12**

Marshy Well Extraction				Daily	Daily
Date	PW-1 Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Wed-2/1/12	4,198	3	24.00	3	4,198
Thu-2/2/12	4,111	3	24.00	3	4,111
Fri-2/3/12	4,092	3	24.00	3	4,092
Sat-2/4/12	4,055	3	24.00	3	4,055
Sun-2/5/12	4,008	3	24.00	3	4,008
Mon-2/6/12	3,917	3	24.00	3	3,917
Tue-2/7/12	3,941	3	24.00	3	3,941
Wed-2/8/12	3,984	3	24.00	3	3,984
Thu-2/9/12	3,956	3	24.00	3	3,956
Fri-2/10/12	3,888	3	24.00	3	3,888
Sat-2/11/12	3,804	3	24.00	3	3,804
Sun-2/12/12	3,953	3	23.62	3	3,953
Mon-2/13/12	4,407	3	24.00	3	4,407
Tue-2/14/12	4,264	3	24.00	3	4,264
Wed-2/15/12	4,246	3	24.00	3	4,246
Thu-2/16/12	4,195	3	24.00	3	4,195
Fri-2/17/12	4,175	3	24.00	3	4,175
Sat-2/18/12	4,195	3	24.00	3	4,195
Sun-2/19/12	4,216	3	24.00	3	4,216
Mon-2/20/12	4,213	3	24.00	3	4,213
Tue-2/21/12	4,672	3	23.73	3	4,672
Wed-2/22/12	4,763	3	24.00	3	4,763
Thu-2/23/12	4,586	3	24.00	3	4,586
Fri-2/24/12	4,751	3	24.00	3	4,751
Sat-2/25/12	4,576	3	24.00	3	4,576
Sun-2/26/12	4,588	3	24.00	3	4,588
Mon-2/27/12	4,660	3	24.00	3	4,660
Tue-2/28/12	4,726	3	24.00	3	4,726
Wed-2/29/12	4,627	3	24.00	3	4,627
TOTALS	123,767	3	695.35	3	123,767

TOTAL VOLUME EXTRACTED :	123,767 GALLONS
DAYS IN MONTH :	29 DAYS
MONTHLY AVERAGE FLOW RATE :	2.96 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: **Feb-12**

South West Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Wed-2/1/12	48,356	34	24.00	34	48,356
Thu-2/2/12	48,348	34	24.00	34	48,348
Fri-2/3/12	48,360	34	24.00	34	48,360
Sat-2/4/12	48,374	34	24.00	34	48,374
Sun-2/5/12	48,380	34	24.00	34	48,380
Mon-2/6/12	48,393	34	24.00	34	48,393
Tue-2/7/12	48,371	34	24.00	34	48,371
Wed-2/8/12	48,409	34	24.00	34	48,409
Thu-2/9/12	48,429	34	24.00	34	48,429
Fri-2/10/12	48,437	34	24.00	34	48,437
Sat-2/11/12	48,272	34	24.00	34	48,272
Sun-2/12/12	47,492	34	23.62	33	47,492
Mon-2/13/12	48,257	34	24.00	34	48,257
Tue-2/14/12	48,263	34	24.00	34	48,263
Wed-2/15/12	48,201	33	24.00	33	48,201
Thu-2/16/12	48,235	33	24.00	33	48,235
Fri-2/17/12	48,214	33	24.00	33	48,214
Sat-2/18/12	48,208	33	24.00	33	48,208
Sun-2/19/12	48,197	33	24.00	33	48,197
Mon-2/20/12	48,227	33	24.00	33	48,227
Tue-2/21/12	47,832	34	23.73	33	47,832
Wed-2/22/12	48,374	34	24.00	34	48,374
Thu-2/23/12	48,318	34	24.00	34	48,318
Fri-2/24/12	48,259	34	24.00	34	48,259
Sat-2/25/12	48,047	33	24.00	33	48,047
Sun-2/26/12	47,977	33	24.00	33	47,977
Mon-2/27/12	48,033	33	24.00	33	48,033
Tue-2/28/12	48,014	33	24.00	33	48,014
Wed-2/29/12	48,125	33	24.00	33	48,125
TOTALS	1,398,402	34	695.35	33	1,398,402

TOTAL VOLUME EXTRACTED :	1,398,402 GALLONS
DAYS IN MONTH :	29 DAYS
MONTHLY AVERAGE FLOW RATE :	33.49 GPM

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

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: Feb-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
Wed-2/1/12	51,544	36	24.00	145,976	101	24.00	144,075	100	24.00	237	341,595
Thu-2/2/12	51,508	36	24.00	145,806	101	23.98	144,074	100	24.00	237	341,388
Fri-2/3/12	53,233	37	24.00	145,920	101	24.00	144,072	100	24.00	238	343,225
Sat-2/4/12	54,235	38	24.00	145,591	101	23.97	144,074	100	24.00	239	343,900
Sun-2/5/12	54,186	38	24.00	145,903	101	24.00	144,075	100	24.00	239	344,164
Mon-2/6/12	54,090	38	24.00	145,965	101	24.00	144,074	100	24.00	239	344,129
Tue-2/7/12	54,018	38	24.00	145,968	101	24.00	144,075	100	24.00	239	344,061
Wed-2/8/12	54,252	38	24.00	145,971	101	24.00	144,077	100	24.00	239	344,300
Thu-2/9/12	54,326	38	24.00	145,776	101	23.98	144,076	100	24.00	239	344,178
Fri-2/10/12	54,268	38	24.00	145,923	101	24.00	144,078	100	24.00	239	344,269
Sat-2/11/12	54,088	38	24.00	145,736	101	23.95	144,080	100	24.00	239	343,904
Sun-2/12/12	54,013	38	24.00	142,670	101	23.48	140,116	100	23.35	234	336,799
Mon-2/13/12	53,899	37	24.00	145,234	101	23.88	144,077	100	24.00	238	343,210
Tue-2/14/12	51,554	36	24.00	145,928	101	24.00	144,074	100	24.00	237	341,556
Wed-2/15/12	50,404	35	24.00	145,948	101	24.00	144,077	100	24.00	236	340,429
Thu-2/16/12	50,282	35	24.00	145,955	101	24.00	144,074	100	24.00	236	340,311
Fri-2/17/12	50,259	35	24.00	145,957	101	24.00	144,074	100	24.00	236	340,290
Sat-2/18/12	50,236	35	24.00	145,977	101	24.00	144,075	100	24.00	236	340,288
Sun-2/19/12	50,281	35	24.00	145,912	101	24.00	144,075	100	24.00	236	340,268
Mon-2/20/12	50,405	35	24.00	145,921	101	24.00	144,078	100	24.00	236	340,404
Tue-2/21/12	47,937	33	23.98	143,997	101	23.68	135,197	100	22.52	227	327,131
Wed-2/22/12	46,910	33	24.00	145,987	101	24.00	144,076	100	24.00	234	336,973
Thu-2/23/12	46,896	33	24.00	145,996	101	24.00	144,075	100	24.00	234	336,967
Fri-2/24/12	46,842	33	24.00	145,899	101	24.00	144,074	100	24.00	234	336,815
Sat-2/25/12	46,876	33	24.00	145,899	101	24.00	144,076	100	24.00	234	336,851
Sun-2/26/12	47,923	33	24.00	145,932	101	24.00	144,079	100	24.00	235	337,934
Mon-2/27/12	47,877	33	24.00	145,980	101	24.00	144,079	100	24.00	235	337,936
Tue-2/28/12	48,929	34	24.00	145,885	101	24.00	144,075	100	24.00	235	338,889
Wed-2/29/12	50,615	35	24.00	145,946	101	24.00	144,078	100	24.00	237	340,639
TOTALS	1,481,886	35	695.98	4,225,558	101	694.93	4,165,359	100	693.87	236	9,872,803

TOTAL VOLUME EXTRACTED :	9,872,803 GALLONS
DAYS IN MONTH :	29 DAYS
MONTHLY AVERAGE FLOW RATE :	236.42 GPM

02/21/12 - TW-19 was shut down briefly due to a DTE power failure.

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
08/05/11	46
10/06/11	42
01/19/12	58

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
06/02/04	150
07/07/04	110

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
07/08/05	121
08/11/05	139
09/12/05	118
10/24/05	119

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

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

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
04/01/10	88
05/06/10	87
06/10/10	89
07/08/10	99
08/05/10	98
09/13/10	83

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
10/07/10	112
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
08/05/11	42
09/01/11	88
10/07/11	56
11/11/11	52
12/01/11	101
01/18/12	62

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
02/06/12	68

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-02-06-12-09:26-1	02/06/12	59
TW-10-02-06-12-09:00-1	02/06/12	560
TW-20-02-06-12-09:04-1	02/06/12	1030
LB-1-02-06-12-07:45-1	02/06/12	528
LB-3-02-06-12-07:47-1	02/06/12	468
TW-21-02-06-12-08:45-1	02/06/12	132
TW-5-02-06-12-08:54-1	02/06/12	645
TW-9-02-06-12-09:10-1	02/06/12	778
TW-11-02-06-12-08:56-1	02/06/12	169
TW-18-02-06-12-08:49-1	02/06/12	309
TW-19-02-06-12-07:49-1	02/06/12	763
PW-1-02-06-12-09:17-1	02/06/12	645
TW-22-02-06-12-09:34-1	02/06/12	577
TW-8-02-06-12-09:35-1	02/06/12	408

RED POND DATA

Month of: Feb-12

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Wed-2/1/12	3:05		Y	5.4	-	24.00	760
Thu-2/2/12	3:00		Y	5.4	-	24.00	760
Fri-2/3/12	3:00		Y	5.3	-	24.00	761
Sat-2/4/12	3:00	(1)		5.3	-	24.00	761
Sun-2/5/12	3:00	(1)		5.3	-	24.00	761
Mon-2/6/12	3:00		Y	5.3	-	24.00	762
Tue-2/7/12	3:00		Y	5.4	-	24.00	761
Wed-2/8/12	3:00		Y	5.3	-	24.00	747
Thu-2/9/12	3:00		Y	6.3	-	24.00	751
Fri-2/10/12	3:00		Y	6.1	-	24.00	750
Sat-2/11/12	3:00	(1)		6.1	-	24.00	745
Sun-2/12/12	3:00	(1)		5.8	-	24.00	735
Mon-2/13/12	3:00		Y	5.7	-	24.00	751
Tue-2/14/12	3:00		Y	5.7	-	24.00	750
Wed-2/15/12	3:00		Y	5.6	-	24.00	750
Thu-2/16/12	3:00		Y	5.4	-	24.00	750
Fri-2/17/12	3:00		Y	5.3	-	24.00	750
Sat-2/18/12	3:00	(1)		5.2	-	24.00	756
Sun-2/19/12	3:00	(1)		5.1	-	24.00	759
Mon-2/20/12	3:00		Y	5.0	-	24.00	758
Tue-2/21/12	3:00		Y	5.0	-	24.00	742
Wed-2/22/12	3:00		Y	5.4	-	24.00	758
Thu-2/23/12	3:00		Y	5.6	-	24.00	749
Fri-2/24/12	3:00		Y	5.4	-	24.00	749
Sat-2/25/12	3:00	(1)		5.3	-	24.00	748
Sun-2/26/12	3:00	(1)		5.2	-	24.00	747
Mon-2/27/12	3:00		Y	5.0	-	24.00	755
Tue-2/28/12	3:00		Y	4.9	-	24.00	765
Wed-2/29/12	3:00		Y	5.1	-	24.00	770
TOTALS			-	-	-	696	

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-02-06-12-07:33-1	2/6/2012	548
Red-Pond-02-13-12-09:40-c	2/13/2012	504
Red Pond-02-21-12-07:15-1	2/21/2012	544
Red Pond-02-27-12-09:40-1	2/27/2012	507

OZONE OPERATION REPORT

Month of: Feb-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
Wed-2/1/12	3:07 AM		370	24.00	0	0.00	370	24.00	0	0.00
Thu-2/2/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Fri-2/3/12	3:00 AM		369	24.00	0	0.00	370	24.00	0	0.00
Sat-2/4/12	3:00 AM	(1)	370	24.00	0	0.00	371	24.00	0	0.00
Sun-2/5/12	3:00 AM	(1)	370	24.00	0	0.00	371	24.00	0	0.00
Mon-2/6/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Tue-2/7/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Wed-2/8/12	3:00 AM		370	20.95	0	0.00	371	21.75	0	0.00
Thu-2/9/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Fri-2/10/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Sat-2/11/12	3:00 AM	(1)	370	24.00	0	0.00	369	24.00	0	0.00
Sun-2/12/12	3:00 AM	(1)	370	23.42	0	0.00	370	23.27	0	0.00
Mon-2/13/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Tue-2/14/12	3:00 AM		370	24.00	0	0.00	371	24.00	0	0.00
Wed-2/15/12	3:00 AM		369	24.00	0	0.00	370	24.00	0	0.00
Thu-2/16/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Fri-2/17/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Sat-2/18/12	3:00 AM	(1)	370	24.00	0	0.00	371	24.00	0	0.00
Sun-2/19/12	3:00 AM	(1)	370	24.00	0	0.00	371	24.00	0	0.00
Mon-2/20/12	3:00 AM		370	24.00	0	0.00	371	24.00	0	0.00
Tue-2/21/12	3:00 AM		370	22.80	0	0.00	371	22.88	0	0.00
Wed-2/22/12	3:00 AM		370	24.00	0	0.00	370	23.12	0	0.00
Thu-2/23/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Fri-2/24/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Sat-2/25/12	3:00 AM	(1)	370	24.00	0	0.00	370	24.00	0	0.00
Sun-2/26/12	3:00 AM	(1)	370	24.00	0	0.00	370	24.00	0	0.00
Mon-2/27/12	3:00 AM		370	24.00	0	0.00	369	24.00	0	0.00
Tue-2/28/12	3:00 AM		370	24.00	0	0.00	370	24.00	0	0.00
Wed-2/29/12	3:00 AM		370	24.00	0	0.00	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.

02/08/12 - Treatment was shut down briefly due to a DTE power failure.

02/21/12 - Treatment was shut down briefly due to a DTE power failure.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: Feb-12

			Green Pond																	
Date	Time	Notes	Pond			Influent			Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	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	
Wed-2/1/12	3:05 AM		Y	-	-							769	1,107,984	24.00	-	-	-	-	-	-
Thu-2/2/12	3:00 AM		Y	-	-							769	1,107,169	24.00	-	-	-	-	-	-
Fri-2/3/12	3:00 AM		Y	-	-							768	1,106,542	24.00	-	-	-	-	-	-
Sat-2/4/12	3:00 AM	(1)		-	-							769	1,107,181	24.00	-	-	-	-	-	-
Sun-2/5/12	3:00 AM	(1)		-	-							769	1,106,761	24.00	-	-	-	-	-	-
Mon-2/6/12	3:00 AM		Y	-	-							769	1,106,700	24.00	-	-	-	-	-	-
Tue-2/7/12	3:00 AM		Y	-	-							768	1,106,548	24.00	-	-	-	-	-	-
Wed-2/8/12	3:00 AM		Y	-	-							759	977,057	21.45	-	-	-	-	-	-
Thu-2/9/12	3:00 AM		Y	-	-							770	1,108,753	24.00	-	-	-	-	-	-
Fri-2/10/12	3:00 AM		Y	-	-							770	1,108,649	24.00	-	-	-	-	-	-
Sat-2/11/12	3:00 AM	(1)		-	-							769	1,106,960	24.00	-	-	-	-	-	-
Sun-2/12/12	3:00 AM	(1)		-	-							767	1,075,368	23.37	-	-	-	-	-	-
Mon-2/13/12	3:00 AM		Y	-	-							770	1,108,957	24.00	-	-	-	-	-	-
Tue-2/14/12	3:00 AM		Y	-	-							771	1,109,713	24.00	-	-	-	-	-	-
Wed-2/15/12	3:00 AM		Y	-	-							771	1,110,263	24.00	-	-	-	-	-	-
Thu-2/16/12	3:00 AM		Y	-	-							771	1,110,496	24.00	-	-	-	-	-	-
Fri-2/17/12	3:00 AM		Y	-	-							770	1,109,425	24.00	-	-	-	-	-	-
Sat-2/18/12	3:00 AM	(1)		-	-							771	1,109,548	24.00	-	-	-	-	-	-
Sun-2/19/12	3:00 AM	(1)		-	-							770	1,109,017	24.00	-	-	-	-	-	-
Mon-2/20/12	3:00 AM		Y	-	-							770	1,109,004	24.00	-	-	-	-	-	-
Tue-2/21/12	3:00 AM		Y	-	-							769	1,056,094	22.88	-	-	-	-	-	-
Wed-2/22/12	3:00 AM		Y	-	-							756	1,088,847	24.00	-	-	-	-	-	-
Thu-2/23/12	3:00 AM		Y	-	-							771	1,109,566	24.00	-	-	-	-	-	-
Fri-2/24/12	3:00 AM		Y	-	-							770	1,108,687	24.00	-	-	-	-	-	-
Sat-2/25/12	3:00 AM	(1)		-	-							769	1,107,749	24.00	-	-	-	-	-	-
Sun-2/26/12	3:00 AM	(1)		-	-							769	1,107,985	24.00	-	-	-	-	-	-
Mon-2/27/12	3:00 AM		Y	-	-							770	1,108,452	24.00	-	-	-	-	-	-
Tue-2/28/12	3:00 AM		Y	-	-							770	1,108,128	24.00	-	-	-	-	-	-
Wed-2/29/12	3:00 AM		Y	-	-							770	1,109,039	24.00	-	-	-	-	-	-
TOTALS													31,906,642	692						

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
2/1/2012	1.108		6	0	no	no	6.7	6	
2/2/2012	1.107		5	0	no	yes	6.7	0	34
2/3/2012	1.107			0	no	no	6.7		
2/4/2012	1.107								
2/5/2012	1.107		5					0	
2/6/2012	1.107	0.548	5	0	yes	yes	6.7	5	26
2/7/2012	1.107		5	0	no	no	6.6	0	
2/8/2012	0.977		5	0	no	no	6.7	0	
2/9/2012	1.109		4	0	no	yes	6.7	0	35
2/10/2012	1.109			0	no	no	6.7		
2/11/2012	1.107								
2/12/2012	1.075		3					0	
2/13/2012	1.109	0.504	4	0	yes	yes	6.7	0	35
2/14/2012	1.110		4	0	no	no	6.7	0	
2/15/2012	1.110		4	0	no	no	6.7	0	
2/16/2012	1.110		2	0	no	yes	6.6	0	34
2/17/2012	1.109			0	no	no	6.7		
2/18/2012	1.110								
2/19/2012	1.109		4					6	
2/20/2012	1.109		3		no	no		7	
2/21/2012	1.056	0.544	4	0	yes	yes	6.7	6	28
2/22/2012	1.089		4	100	no	no	6.7	0	
2/23/2012	1.110		4	0	no	yes	6.7	0	35
2/24/2012	1.109			0	no	no	6.6		
2/25/2012	1.108								
2/26/2012	1.108		4					0	
2/27/2012	1.108	0.507	4	0	yes	yes	6.6	8	38
2/28/2012	1.108		4	0	no	no	6.7	4	
2/29/2012	1.109		4	0	no	no	6.7	0	
Discharged (mg)	31.907								
Monthly Avg			4					2	

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