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TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: May-11

Date	Horizontal Well Extraction			TW-9			TW-5			TW-21			Daily Flow	Daily Total
	HW-S	GPM	Run Hrs.	TW-9	GPM	Run Hrs.	TW-5	GPM	Run Hrs.	TW-21	GPM	Run Hrs.	GPM	Gallons
	Gallons			Gallons			Gallons			Gallons				
Sun-5/1/11	37,107	26	24.00	136,738	95	24.00	113,076	79	24.00	187,369	130	24.00	329	474,290
Mon-5/2/11	36,984	26	24.00	136,847	95	24.00	112,253	78	24.00	187,344	130	24.00	329	473,428
Tue-5/3/11	36,948	26	24.00	136,808	95	24.00	112,112	78	24.00	186,996	130	23.95	328	472,864
Wed-5/4/11	36,881	26	24.00	136,734	95	24.00	111,847	78	24.00	187,293	130	24.00	328	472,755
Thu-5/5/11	36,857	26	24.00	136,880	95	24.00	111,784	78	24.00	187,099	130	23.95	328	472,620
Fri-5/6/11	36,861	26	24.00	136,676	95	24.00	111,860	78	24.00	187,366	130	24.00	328	472,763
Sat-5/7/11	36,841	26	24.00	136,872	95	24.00	111,763	78	24.00	187,421	130	24.00	328	472,897
Sun-5/8/11	36,820	26	24.00	136,854	95	24.00	111,640	78	24.00	187,431	130	24.00	328	472,745
Mon-5/9/11	36,739	26	24.00	136,782	95	24.00	111,217	77	24.00	204,932	142	24.00	340	489,670
Tue-5/10/11	36,682	25	24.00	136,930	95	24.00	111,158	77	24.00	210,362	146	24.00	344	495,132
Wed-5/11/11	36,693	25	24.00	136,913	95	24.00	111,430	77	24.00	194,708	135	24.00	333	479,744
Thu-5/12/11	7,279	25	4.77	102,494	71	24.00	117,401	82	24.00	184,388	128	24.00	286	411,562
Fri-5/13/11	-	-	-	100,646	70	24.00	118,710	82	24.00	180,323	125	24.00	278	399,679
Sat-5/14/11	-	-	-	100,491	70	24.00	118,529	82	24.00	180,176	125	24.00	277	399,196
Sun-5/15/11	-	-	-	100,798	70	24.00	117,703	82	24.00	180,037	125	24.00	277	398,538
Mon-5/16/11	-	-	-	100,823	70	24.00	117,021	81	24.00	180,107	125	24.00	276	397,951
Tue-5/17/11	-	-	-	100,771	70	24.00	117,123	81	24.00	180,111	125	24.00	276	398,005
Wed-5/18/11	-	-	-	100,862	70	24.00	116,942	81	24.00	180,136	125	24.00	276	397,940
Thu-5/19/11	-	-	-	100,799	70	24.00	116,773	81	24.00	179,914	125	24.00	276	397,486
Fri-5/20/11	-	-	-	100,787	70	24.00	116,820	81	24.00	180,263	125	24.00	276	397,870
Sat-5/21/11	-	-	-	100,545	70	24.00	116,494	81	24.00	180,276	125	24.00	276	397,315
Sun-5/22/11	-	-	-	100,565	70	24.00	116,209	81	24.00	180,316	125	24.00	276	397,090
Mon-5/23/11	-	-	-	100,809	70	24.00	116,318	81	24.00	182,176	127	24.00	277	399,303
Tue-5/24/11	-	-	-	100,589	70	24.00	117,164	81	24.00	187,490	130	24.00	281	405,243
Wed-5/25/11	-	-	-	100,859	70	24.00	117,645	82	24.00	183,333	127	24.00	279	401,837
Thu-5/26/11	-	-	-	101,009	70	24.00	117,669	82	24.00	180,127	125	24.00	277	398,805
Fri-5/27/11	-	-	-	100,952	70	24.00	117,626	82	24.00	180,104	125	24.00	277	398,682
Sat-5/28/11	-	-	-	100,710	70	24.00	117,588	82	24.00	180,164	125	24.00	277	398,462
Sun-5/29/11	-	-	-	100,595	70	24.00	117,516	82	24.00	180,252	125	24.00	277	398,363
Mon-5/30/11	-	-	-	100,683	70	24.00	117,499	82	24.00	180,330	125	24.00	277	398,512
Tue-5/31/11	-	-	-	100,605	70	24.00	117,480	82	24.00	180,376	125	24.00	277	398,461
<b>TOTALS</b>	<b>412,692</b>	<b>26</b>	<b>268.77</b>	<b>3,521,426</b>	<b>79</b>	<b>744.00</b>	<b>3,576,370</b>	<b>80</b>	<b>744.00</b>	<b>5,728,720</b>	<b>128</b>	<b>743.90</b>	<b>297</b>	<b>13,239,208</b>

TOTAL VOLUME EXTRACTED :	13,239,208 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	296.58 GPM

05/12/11 - HW-S was shut down due to flow rate reductions.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: May-11

Date	LB-1			LB-3			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Sun-5/1/11	144,134	100	24.00	-	-	-	100	144,134
Mon-5/2/11	144,124	100	24.00	41,365	40	17.22	129	185,489
Tue-5/3/11	144,132	100	23.98	57,718	40	24.00	140	201,850
Wed-5/4/11	144,129	100	24.00	57,699	40	24.00	140	201,828
Thu-5/5/11	144,113	100	24.00	57,734	40	24.00	140	201,847
Fri-5/6/11	144,117	100	24.00	57,683	40	24.00	140	201,800
Sat-5/7/11	144,113	100	24.00	57,603	40	24.00	140	201,716
Sun-5/8/11	144,113	100	24.00	57,689	40	24.00	140	201,802
Mon-5/9/11	144,112	100	24.00	57,719	40	23.98	140	201,831
Tue-5/10/11	144,110	100	23.98	57,586	40	24.00	140	201,696
Wed-5/11/11	144,107	100	24.00	57,604	40	24.00	140	201,711
Thu-5/12/11	101,273	70	24.00	57,622	40	24.00	110	158,895
Fri-5/13/11	86,473	60	24.00	57,715	40	24.00	100	144,188
Sat-5/14/11	86,486	60	24.00	57,768	40	24.00	100	144,254
Sun-5/15/11	86,499	60	24.00	57,672	40	24.00	100	144,171
Mon-5/16/11	86,497	60	23.98	57,642	40	23.98	100	144,139
Tue-5/17/11	86,502	60	24.00	57,794	40	24.00	100	144,296
Wed-5/18/11	86,507	60	24.00	57,566	40	24.00	100	144,073
Thu-5/19/11	86,502	60	24.00	57,700	40	24.00	100	144,202
Fri-5/20/11	86,496	60	24.00	57,574	40	24.00	100	144,070
Sat-5/21/11	86,487	60	24.00	57,607	40	24.00	100	144,094
Sun-5/22/11	86,475	60	24.00	57,764	40	24.00	100	144,239
Mon-5/23/11	79,786	60	22.15	53,130	40	22.15	92	132,916
Tue-5/24/11	86,479	60	23.98	57,634	40	24.00	100	144,113
Wed-5/25/11	86,497	60	24.00	57,593	40	24.00	100	144,090
Thu-5/26/11	86,485	60	24.00	57,654	40	24.00	100	144,139
Fri-5/27/11	86,512	60	24.00	57,673	40	24.00	100	144,185
Sat-5/28/11	86,499	60	24.00	57,679	40	24.00	100	144,178
Sun-5/29/11	86,487	60	24.00	57,585	40	24.00	100	144,072
Mon-5/30/11	86,470	60	24.00	57,781	40	23.98	100	144,251
Tue-5/31/11	86,464	60	23.98	57,705	40	24.00	100	144,169
<b>TOTALS</b>	<b>3,323,180</b>	<b>75</b>	<b>742.05</b>	<b>1,709,258</b>	<b>40</b>	<b>711.31</b>	<b>113</b>	<b>5,032,438</b>

TOTAL VOLUME EXTRACTED :	5,032,438 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	112.73 GPM

05/01/11 - 05/02/11 - LB-3 was shut down due to a DTE power outage in the area.  
 05/23/11 - LB-1 & LB-3 were shut down due to a DTE power outage in the area.

TABLE #3

CORE AREA EXTRACTION DATA

Month of: May-11

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.		
Sun-5/1/11	54,668	38	24.00	68,595	48	24.00	115,610	80	24.00	137,038	95	24.00	86,562	60	24.00	321	462,473
Mon-5/2/11	54,397	38	24.00	67,062	47	24.00	115,681	80	24.00	137,061	95	24.00	86,527	60	24.00	320	460,728
Tue-5/3/11	54,927	38	24.00	67,793	47	24.00	115,793	80	24.00	136,964	95	24.00	86,490	60	24.00	321	461,967
Wed-5/4/11	55,137	38	24.00	67,569	47	24.00	115,247	80	24.00	136,963	95	24.00	86,518	60	24.00	320	461,434
Thu-5/5/11	55,142	38	24.00	68,505	48	24.00	115,492	80	24.00	136,977	95	24.00	86,491	60	24.00	321	462,607
Fri-5/6/11	55,068	38	24.00	69,627	48	24.00	115,582	80	24.00	137,032	95	24.00	86,520	60	24.00	322	463,829
Sat-5/7/11	55,024	38	24.00	69,054	48	24.00	115,539	80	24.00	136,960	95	24.00	86,497	60	24.00	322	463,074
Sun-5/8/11	54,820	38	24.00	68,328	47	24.00	115,983	81	24.00	137,023	95	24.00	86,448	60	24.00	321	462,602
Mon-5/9/11	54,859	38	24.00	68,433	48	24.00	48,819	81	10.10	136,958	95	24.00	86,502	60	24.00	275	395,571
Tue-5/10/11	55,091	38	24.00	69,342	48	24.00	59,607	91	10.88	137,078	95	24.00	86,458	60	24.00	283	407,576
Wed-5/11/11	55,003	38	24.00	69,042	48	24.00	131,324	91	24.00	136,957	95	24.00	86,490	60	24.00	333	478,816
Thu-5/12/11	10,722	38	4.70	36,867	28	21.87	129,765	90	24.00	26,746	95	4.70	75,582	52	24.00	194	279,682
Fri-5/13/11	-	-	-	33,912	24	24.00	128,939	90	24.00	-	-	-	72,101	50	24.00	163	234,952
Sat-5/14/11	-	-	-	33,624	23	24.00	128,889	90	24.00	-	-	-	72,093	50	24.00	163	234,606
Sun-5/15/11	-	-	-	33,483	23	24.00	129,351	90	24.00	-	-	-	72,071	50	24.00	163	234,905
Mon-5/16/11	-	-	-	33,491	23	24.00	130,528	91	24.00	-	-	-	72,138	50	24.00	164	236,157
Tue-5/17/11	-	-	-	33,610	23	24.00	130,015	90	24.00	-	-	-	72,093	50	24.00	164	235,718
Wed-5/18/11	-	-	-	33,686	23	24.00	129,582	90	24.00	-	-	-	72,089	50	24.00	163	235,357
Thu-5/19/11	-	-	-	33,659	23	24.00	129,491	90	24.00	-	-	-	72,089	50	24.00	163	235,239
Fri-5/20/11	-	-	-	33,609	23	24.00	129,389	90	24.00	-	-	-	72,109	50	24.00	163	235,107
Sat-5/21/11	-	-	-	33,603	23	24.00	129,384	90	24.00	-	-	-	72,092	50	24.00	163	235,079
Sun-5/22/11	-	-	-	33,521	23	24.00	129,762	90	24.00	-	-	-	72,084	50	24.00	163	235,367
Mon-5/23/11	-	-	-	33,378	23	24.00	130,074	90	24.00	-	-	-	72,039	50	24.00	164	235,491
Tue-5/24/11	-	-	-	33,277	23	24.00	130,201	90	24.00	-	-	-	72,084	50	24.00	164	235,562
Wed-5/25/11	-	-	-	33,298	23	24.00	129,796	90	24.00	-	-	-	72,101	50	24.00	163	235,195
Thu-5/26/11	-	-	-	33,266	23	24.00	129,519	90	24.00	-	-	-	72,115	50	24.00	163	234,900
Fri-5/27/11	-	-	-	33,310	23	24.00	129,500	90	24.00	-	-	-	72,114	50	24.00	163	234,924
Sat-5/28/11	-	-	-	33,304	23	24.00	129,366	90	24.00	-	-	-	72,067	50	24.00	163	234,737
Sun-5/29/11	-	-	-	33,284	23	24.00	129,873	90	24.00	-	-	-	72,110	50	24.00	163	235,267
Mon-5/30/11	-	-	-	33,270	23	24.00	130,494	91	24.00	-	-	-	72,083	50	24.00	164	235,847
Tue-5/31/11	-	-	-	33,261	23	24.00	130,324	91	24.00	-	-	-	72,098	50	24.00	164	235,683
<b>TOTALS</b>	<b>614,858</b>		<b>268.70</b>	<b>1,426,063</b>	<b>32</b>	<b>741.87</b>	<b>3,758,919</b>	<b>87</b>	<b>716.98</b>	<b>1,533,757</b>	<b>95</b>	<b>268.70</b>	<b>2,396,855</b>	<b>54</b>	<b>744.00</b>	<b>218</b>	<b>9,730,452</b>

TOTAL VOLUME EXTRACTED :	9,730,452 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	217.98 GPM

05/09/11-05/10/11 - TW-10 was shut down for well maintenance.  
 05/12/11 - TW-1 & TW-14 were shut down due to flow rate reductions.  
 05/12/11 - TW-2 was shut down briefly for maintenance.

MARSHY AREA EXTRACTION DATA

Month of: May-11

Marshy Well Extraction				Daily	Daily
Date	PW-1		Run Hrs.	Flow	Total
	Gallons	GPM		GPM	Gallons
Sun-5/1/11	4,691	3	24.00	3	4,691
Mon-5/2/11	4,715	3	24.00	3	4,715
Tue-5/3/11	4,803	3	24.00	3	4,803
Wed-5/4/11	4,887	3	24.00	3	4,887
Thu-5/5/11	4,871	3	24.00	3	4,871
Fri-5/6/11	4,805	3	24.00	3	4,805
Sat-5/7/11	4,813	3	24.00	3	4,813
Sun-5/8/11	4,818	3	24.00	3	4,818
Mon-5/9/11	4,827	3	24.00	3	4,827
Tue-5/10/11	4,986	3	24.00	3	4,986
Wed-5/11/11	4,572	3	24.00	3	4,572
Thu-5/12/11	4,519	3	24.00	3	4,519
Fri-5/13/11	4,606	3	24.00	3	4,606
Sat-5/14/11	4,866	3	24.00	3	4,866
Sun-5/15/11	5,153	4	24.00	4	5,153
Mon-5/16/11	5,374	4	24.00	4	5,374
Tue-5/17/11	5,314	4	24.00	4	5,314
Wed-5/18/11	5,285	4	24.00	4	5,285
Thu-5/19/11	5,285	4	24.00	4	5,285
Fri-5/20/11	5,294	4	24.00	4	5,294
Sat-5/21/11	5,272	4	24.00	4	5,272
Sun-5/22/11	5,243	4	24.00	4	5,243
Mon-5/23/11	5,221	4	24.00	4	5,221
Tue-5/24/11	5,252	4	24.00	4	5,252
Wed-5/25/11	5,287	4	24.00	4	5,287
Thu-5/26/11	5,381	4	24.00	4	5,381
Fri-5/27/11	5,462	4	24.00	4	5,462
Sat-5/28/11	5,418	4	24.00	4	5,418
Sun-5/29/11	5,434	4	24.00	4	5,434
Mon-5/30/11	5,529	4	24.00	4	5,529
Tue-5/31/11	5,826	4	24.00	4	5,826
<b>TOTALS</b>	<b>157,809</b>	<b>4</b>	<b>744.00</b>	<b>4</b>	<b>157,809</b>

TOTAL VOLUME EXTRACTED :	157,809 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	3.54 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: May-11

SouthWest Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Sun-5/1/11	45,920	32	24.00	32	45,920
Mon-5/2/11	45,728	32	24.00	32	45,728
Tue-5/3/11	45,898	32	24.00	32	45,898
Wed-5/4/11	45,814	32	24.00	32	45,814
Thu-5/5/11	45,816	32	24.00	32	45,816
Fri-5/6/11	45,805	32	24.00	32	45,805
Sat-5/7/11	45,543	32	24.00	32	45,543
Sun-5/8/11	45,358	31	24.00	31	45,358
Mon-5/9/11	45,266	31	24.00	31	45,266
Tue-5/10/11	45,187	31	24.00	31	45,187
Wed-5/11/11	44,851	31	24.00	31	44,851
Thu-5/12/11	44,997	31	24.00	31	44,997
Fri-5/13/11	44,992	31	24.00	31	44,992
Sat-5/14/11	44,765	31	24.00	31	44,765
Sun-5/15/11	44,475	31	24.00	31	44,475
Mon-5/16/11	44,174	31	24.00	31	44,174
Tue-5/17/11	44,059	31	24.00	31	44,059
Wed-5/18/11	44,038	31	24.00	31	44,038
Thu-5/19/11	43,895	30	24.00	30	43,895
Fri-5/20/11	43,568	30	24.00	30	43,568
Sat-5/21/11	43,299	30	24.00	30	43,299
Sun-5/22/11	42,926	30	24.00	30	42,926
Mon-5/23/11	42,796	30	24.00	30	42,796
Tue-5/24/11	42,567	30	24.00	30	42,567
Wed-5/25/11	42,707	30	24.00	30	42,707
Thu-5/26/11	42,851	30	24.00	30	42,851
Fri-5/27/11	42,787	30	24.00	30	42,787
Sat-5/28/11	42,547	30	24.00	30	42,547
Sun-5/29/11	42,397	29	24.00	29	42,397
Mon-5/30/11	42,211	29	24.00	29	42,211
Tue-5/31/11	42,089	29	24.00	29	42,089
<b>TOTALS</b>	<b>1,369,326</b>	<b>31</b>	<b>744.00</b>	<b>31</b>	<b>1,369,326</b>

TOTAL VOLUME EXTRACTED :	1,369,326 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	30.67 GPM

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

UNIT "E" EXTRACTION DATA

Month of: May-11

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.		
Sun-5/1/11	82,152	57	24.00	165,859	115	24.00	190,334	132	24.00	304	438,345
Mon-5/2/11	81,741	57	24.00	179,975	125	24.00	190,385	132	24.00	314	452,101
Tue-5/3/11	81,708	57	24.00	179,944	125	24.00	190,138	132	23.95	314	451,790
Wed-5/4/11	81,584	57	24.00	179,975	125	24.00	190,387	132	24.00	314	451,946
Thu-5/5/11	81,650	57	24.00	153,240	106	24.00	190,146	132	23.95	295	425,036
Fri-5/6/11	81,698	57	24.00	143,967	100	24.00	190,371	132	24.00	289	416,036
Sat-5/7/11	81,615	57	24.00	143,977	100	24.00	190,407	132	24.00	289	415,999
Sun-5/8/11	81,501	57	24.00	143,982	100	24.00	190,411	132	24.00	289	415,894
Mon-5/9/11	81,214	56	24.00	159,346	111	24.00	206,562	143	24.00	311	447,122
Tue-5/10/11	81,101	56	24.00	156,094	108	24.00	214,935	149	24.00	314	452,130
Wed-5/11/11	81,224	56	24.00	142,512	99	24.00	203,138	141	24.00	296	426,874
Thu-5/12/11	56,149	39	24.00	28,125	100	4.70	188,377	131	24.00	189	272,651
Fri-5/13/11	48,598	34	24.00	-	-	-	183,140	127	24.00	161	231,738
Sat-5/14/11	48,323	34	24.00	-	-	-	183,161	127	24.00	161	231,484
Sun-5/15/11	48,114	33	24.00	-	-	-	183,216	127	24.00	161	231,330
Mon-5/16/11	48,019	33	24.00	-	-	-	183,189	127	24.00	161	231,208
Tue-5/17/11	47,925	33	24.00	-	-	-	183,168	127	24.00	160	231,093
Wed-5/18/11	47,858	33	24.00	-	-	-	183,169	127	24.00	160	231,027
Thu-5/19/11	47,825	33	24.00	-	-	-	182,898	127	24.00	160	230,723
Fri-5/20/11	47,714	33	24.00	-	-	-	183,151	127	24.00	160	230,865
Sat-5/21/11	47,547	33	24.00	-	-	-	183,210	127	24.00	160	230,757
Sun-5/22/11	47,523	33	24.00	-	-	-	183,114	127	24.00	160	230,637
Mon-5/23/11	47,474	33	24.00	-	-	-	184,827	128	24.00	161	232,301
Tue-5/24/11	47,362	33	24.00	-	-	-	190,523	132	24.00	165	237,885
Wed-5/25/11	47,309	33	24.00	-	-	-	186,792	130	24.00	163	234,101
Thu-5/26/11	47,275	33	24.00	-	-	-	183,278	127	24.00	160	230,553
Fri-5/27/11	47,267	33	24.00	-	-	-	183,249	127	24.00	160	230,516
Sat-5/28/11	47,240	33	24.00	-	-	-	183,230	127	24.00	160	230,470
Sun-5/29/11	47,191	33	24.00	-	-	-	183,196	127	24.00	160	230,387
Mon-5/30/11	47,188	33	24.00	-	-	-	183,150	127	24.00	160	230,338
Tue-5/31/11	47,143	33	24.00	-	-	-	183,184	127	24.00	160	230,327
<b>TOTALS</b>	<b>1,858,232</b>	<b>42</b>	<b>744.00</b>	<b>1,776,996</b>	<b>110</b>	<b>268.70</b>	<b>5,828,436</b>	<b>131</b>	<b>743.90</b>	<b>212</b>	<b>9,463,664</b>

TOTAL VOLUME EXTRACTED :	9,463,664 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	212.00 GPM

05/12/11 - TW-17 was shut down for flow rate reductions.

**TABLE #7**  
Little Lake Area System Purging

Date	Gallons Purged
5/5/2011	36,000

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
01/12/07	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



**TABLE #8**

**INDIVIDUAL PURGE WELL CONCENTRATIONS**

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-05-02-11-07:54-1	5/2/11	68
TW-1-05-02-11-08:00-1	5/2/11	97
TW-10-05-02-11-09:42-1	5/2/11	658
TW-14-05-02-11-09:48-1	5/2/11	131
TW-20-05-02-11-09:36-1	5/2/11	1460
TW-3-05-19-11-13:30-1	5/19/11	3
HZ-S-05-02-11-09:54-1	5/2/11	894
LB-1-05-02-11-10:30-1	5/2/11	567
LB-3-05-02-11-10:27-1	5/2/11	531
TW-5-05-02-11-09:25-1	5/2/11	824
TW-9-05-02-11-09:50-1	5/2/11	869
TW-11-05-02-11-09:27-1	5/2/11	216
TW-12-05-19-11-13:05-1	5/19/11	23
TW-17-05-02-11-09:45-1	5/2/11	91
TW-18-05-02-11-07:56-1	5/2/11	317
PW-1-05-02-11-07:58-1	5/2/11	905
SW-COMB-05-02-11-07:52-1	5/2/11	466
TW-22-05-02-11-09:20-1	5/2/11	584
TW-4-05-19-11-14:30-1	5/19/11	35
TW-8-05-02-11-10:10-1	5/2/11	528

RED POND DATA

Month of: May-11

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Sun-5/1/11	3:05	(1)		5.4	-	24.00	1,090
Mon-5/2/11	3:00		Y	4.9	-	24.00	1,127
Tue-5/3/11	3:00		Y	5.0	-	24.00	1,138
Wed-5/4/11	3:00		Y	5.1	-	24.00	1,138
Thu-5/5/11	3:00		Y	5.4	-	24.00	1,120
Fri-5/6/11	3:00		Y	5.7	-	24.00	1,115
Sat-5/7/11	3:00	(1)		5.5	-	24.00	1,114
Sun-5/8/11	3:00	(1)		5.3	-	24.00	1,113
Mon-5/9/11	3:00		Y	5.2	-	24.00	1,100
Tue-5/10/11	3:00		Y	4.7	-	24.00	1,116
Wed-5/11/11	3:00		Y	4.7	-	24.00	1,137
Thu-5/12/11	3:00		Y	4.8	-	24.00	814
Fri-5/13/11	3:00		Y	4.8	-	24.00	736
Sat-5/14/11	3:00	(1)		4.8	-	24.00	736
Sun-5/15/11	3:00	(1)		4.8	-	24.00	735
Mon-5/16/11	3:00		Y	4.9	-	24.00	735
Tue-5/17/11	3:00		Y	4.9	-	24.00	735
Wed-5/18/11	3:00		Y	4.9	-	24.00	735
Thu-5/19/11	3:00		Y	4.9	-	24.00	734
Fri-5/20/11	3:00		Y	4.9	-	24.00	734
Sat-5/21/11	3:00	(1)		4.9	-	24.00	733
Sun-5/22/11	3:00	(1)		4.8	-	24.00	733
Mon-5/23/11	3:00		Y	4.8	-	24.00	728
Tue-5/24/11	3:00		Y	4.8	-	24.00	743
Wed-5/25/11	3:00		Y	4.9	-	24.00	738
Thu-5/26/11	3:00		Y	5.3	-	24.00	734
Fri-5/27/11	3:00		Y	5.4	-	24.00	734
Sat-5/28/11	3:00	(1)		5.3	-	24.00	733
Sun-5/29/11	3:00	(1)		5.3	-	24.00	733
Mon-5/30/11	3:00	(1)		5.3	-	24.00	734
Tue-5/31/11	3:00		Y	5.3	-	24.00	734
<b>TOTALS</b>			-	-	-	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-05-02-11-07:50-1	5/2/11	398
Red Pond-05-09-11-08:20-1	5/9/11	480
Red Pond-05-16-11-08:05-1	5/16/11	570
Red Pond-05-23-11-08:15-1	5/23/11	538
Red Pond-05-31-11-09:00-1	5/31/11	531

OZONE OPERATION REPORT

Month of: May-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
Sun-5/1/11	3:07 AM	(1)	370	24.00	371	24.00	370	24.00	0	0.00
Mon-5/2/11	3:00 AM		369	24.00	371	24.00	371	23.93	0	0.00
Tue-5/3/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Wed-5/4/11	3:00 AM		370	24.00	370	24.00	370	23.68	0	0.00
Thu-5/5/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Fri-5/6/11	3:00 AM		370	24.00	370	24.00	371	24.00	0	0.00
Sat-5/7/11	3:00 AM	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Sun-5/8/11	3:00 AM	(1)	370	24.00	371	24.00	370	24.00	0	0.00
Mon-5/9/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Tue-5/10/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Wed-5/11/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Thu-5/12/11	3:00 AM		370	24.00	370	24.00	370	5.03	0	0.00
Fri-5/13/11	3:00 AM		360	24.00	360	8.90	0	15.10	0	0.00
Sat-5/14/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Sun-5/15/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Mon-5/16/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Tue-5/17/11	3:00 AM		359	24.00	0	0.00	360	24.00	0	0.00
Wed-5/18/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Thu-5/19/11	3:00 AM		360	24.00	0	0.00	361	24.00	0	0.00
Fri-5/20/11	3:00 AM		359	24.00	0	0.00	360	24.00	0	0.00
Sat-5/21/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Sun-5/22/11	3:00 AM	(1)	360	24.00	0	0.00	359	24.00	0	0.00
Mon-5/23/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Tue-5/24/11	3:00 AM		360	24.00	0	0.00	361	24.00	0	0.00
Wed-5/25/11	3:00 AM		359	24.00	0	0.00	360	24.00	0	0.00
Thu-5/26/11	3:00 AM		360	24.00	0	0.00	359	24.00	0	0.00
Fri-5/27/11	3:00 AM		360	24.00	0	0.00	361	24.00	0	0.00
Sat-5/28/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Sun-5/29/11	3:00 AM	(1)	360	24.00	0	0.00	360	24.00	0	0.00
Mon-5/30/11	3:00 AM		360	24.00	0	0.00	360	24.00	0	0.00
Tue-5/31/11	3:00 AM		360	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.

05/12/11 - System 2A was shut down for maintenance.

05/13/11 - System 1B was shut down for reduction in flow rates.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: May-11

Date	Time	Notes	Green Pond																			
			Pond			Aeration			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			
Sun-5/1/11	3:05 AM	(1)		-	-							1,143	1,645,559	24.00	-	-	-	-	-	-		
Mon-5/2/11	3:00 AM		Y	-	-							1,141	1,643,358	24.00	-	-	-	-	-	-		
Tue-5/3/11	3:00 AM		Y	-	-							1,143	1,645,385	24.00	-	-	-	-	-	-		
Wed-5/4/11	3:00 AM		Y	-	-							1,137	1,636,923	24.00	-	-	-	-	-	-		
Thu-5/5/11	3:00 AM		Y	-	-							1,143	1,645,573	24.00	-	-	-	-	-	-		
Fri-5/6/11	3:00 AM		Y	-	-							1,143	1,646,005	24.00	-	-	-	-	-	-		
Sat-5/7/11	3:00 AM	(1)		-	-							1,143	1,645,536	24.00	-	-	-	-	-	-		
Sun-5/8/11	3:00 AM	(1)		-	-							1,143	1,645,705	24.00	-	-	-	-	-	-		
Mon-5/9/11	3:00 AM		Y	-	-							1,143	1,645,973	24.00	-	-	-	-	-	-		
Tue-5/10/11	3:00 AM		Y	-	-							1,143	1,645,750	24.00	-	-	-	-	-	-		
Wed-5/11/11	3:00 AM		Y	-	-							1,143	1,645,947	24.00	-	-	-	-	-	-		
Thu-5/12/11	3:00 AM		Y	-	-							826	1,189,529	24.00	-	-	-	-	-	-		
Fri-5/13/11	3:00 AM		Y	-	-							743	1,070,608	24.00	-	-	-	-	-	-		
Sat-5/14/11	3:00 AM	(1)		-	-							745	1,073,266	24.00	-	-	-	-	-	-		
Sun-5/15/11	3:00 AM	(1)		-	-							744	1,071,831	24.00	-	-	-	-	-	-		
Mon-5/16/11	3:00 AM		Y	-	-							743	1,070,557	24.00	-	-	-	-	-	-		
Tue-5/17/11	3:00 AM		Y	-	-							745	1,072,300	24.00	-	-	-	-	-	-		
Wed-5/18/11	3:00 AM		Y	-	-							746	1,073,715	24.00	-	-	-	-	-	-		
Thu-5/19/11	3:00 AM		Y	-	-							746	1,073,998	24.00	-	-	-	-	-	-		
Fri-5/20/11	3:00 AM		Y	-	-							746	1,074,020	24.00	-	-	-	-	-	-		
Sat-5/21/11	3:00 AM	(1)		-	-							746	1,074,729	24.00	-	-	-	-	-	-		
Sun-5/22/11	3:00 AM	(1)		-	-							746	1,073,982	24.00	-	-	-	-	-	-		
Mon-5/23/11	3:00 AM		Y	-	-							746	1,074,274	24.00	-	-	-	-	-	-		
Tue-5/24/11	3:00 AM		Y	-	-							745	1,073,464	24.00	-	-	-	-	-	-		
Wed-5/25/11	3:00 AM		Y	-	-							746	1,073,585	24.00	-	-	-	-	-	-		
Thu-5/26/11	3:00 AM		Y	-	-							746	1,073,725	24.00	-	-	-	-	-	-		
Fri-5/27/11	3:00 AM		Y	-	-							744	1,072,077	24.00	-	-	-	-	-	-		
Sat-5/28/11	3:00 AM	(1)		-	-							746	1,074,007	24.00	-	-	-	-	-	-		
Sun-5/29/11	3:00 AM	(1)		-	-							746	1,073,923	24.00	-	-	-	-	-	-		
Mon-5/30/11	3:00 AM	(1)		-	-							746	1,073,886	24.00	-	-	-	-	-	-		
Tue-5/31/11	3:00 AM		Y	-	-							746	1,074,684	24.00	-	-	-	-	-	-		
<b>TOTALS</b>				-	-								39,673,874	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
5/1/2011	1.646		4					0	
5/2/2011	1.643	0.398	4	100	yes	yes	6.6	0	19
5/3/2011	1.645		6	0	no	no	6.7	0	24
5/4/2011	1.637		5	0	no	no	6.6	0	20
5/5/2011	1.646		5	0	no	yes	6.6	0	18
5/6/2011	1.646			0	no	no	6.7		17
5/7/2011	1.646								
5/8/2011	1.646		5					5	
5/9/2011	1.646	0.480	5	100	yes	yes	6.6	0	14
5/10/2011	1.646		4	0	no	no	6.6	0	10
5/11/2011	1.646		5	0	no	no	6.6	0	14
5/12/2011	1.190		5	0	no	yes	6.6	0	26
5/13/2011	1.071			0	no	no	6.6		19
5/14/2011	1.073								
5/15/2011	1.072		5					5	
5/16/2011	1.071	0.570	7	0	yes	yes	6.6	5	14
5/17/2011	1.072		6	150	no	no	6.7	5	20
5/18/2011	1.074		6	0	no	no	6.7	5	12
5/19/2011	1.074		5	0	no	yes	6.7	5	22
5/20/2011	1.074			100	no	no	6.6		24
5/21/2011	1.075								
5/22/2011	1.074		6					0	
5/23/2011	1.074	0.538	7	0	yes	yes	6.6	0	30
5/24/2011	1.073		5	0	no	no	6.6	0	30
5/25/2011	1.074		4	0	no	no	6.6	5	36
5/26/2011	1.074		4	0	no	yes	6.6	5	36
5/27/2011	1.072			0	no	no	6.6		18
5/28/2011	1.074								
5/29/2011	1.074		4					5	
5/30/2011	1.074		6					0	
5/31/2011	1.075	0.531	7	0	yes	yes	6.6	0	40
Discharged (mg)	39.674								
Monthly Avg			5					2	

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