

EXTRACTION DATA

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TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **Feb-11**

Date	Horizontal Well Extraction			TW-9			TW-5			TW-21			Daily Flow	Daily Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Tue-2/1/11	36,098	25	24.00	122,515	85	24.00	116,598	81	24.00	194,238	135	24.00	326	469,449
Wed-2/2/11	36,077	25	24.00	122,496	85	24.00	116,712	81	24.00	194,263	135	24.00	326	469,548
Thu-2/3/11	36,035	25	24.00	122,598	85	24.00	116,466	81	24.00	194,242	135	24.00	326	469,341
Fri-2/4/11	36,030	25	24.00	122,617	85	24.00	116,662	81	24.00	194,250	135	24.00	326	469,559
Sat-2/5/11	36,030	25	24.00	122,500	85	24.00	116,788	81	24.00	194,259	135	24.00	326	469,577
Sun-2/6/11	36,012	25	24.00	122,402	85	24.00	116,002	81	24.00	194,009	135	24.00	325	468,425
Mon-2/7/11	35,981	25	24.00	122,431	85	24.00	115,781	80	24.00	194,316	135	24.00	325	468,509
Tue-2/8/11	35,984	25	24.00	122,508	85	24.00	116,128	81	24.00	194,273	135	24.00	326	468,893
Wed-2/9/11	35,992	25	24.00	122,516	85	24.00	116,669	81	24.00	194,244	135	24.00	326	469,421
Thu-2/10/11	35,974	25	24.00	122,619	85	24.00	116,750	81	24.00	194,226	135	24.00	326	469,569
Fri-2/11/11	36,024	25	24.00	122,668	85	24.00	115,771	80	24.00	194,254	135	24.00	325	468,717
Sat-2/12/11	35,996	25	24.00	122,375	85	24.00	114,825	80	24.00	194,326	135	24.00	325	467,522
Sun-2/13/11	35,980	25	24.00	122,372	85	24.00	116,119	81	24.00	194,357	135	24.00	326	468,828
Mon-2/14/11	35,980	25	24.00	122,478	85	24.00	116,986	81	24.00	194,069	135	24.00	326	469,513
Tue-2/15/11	35,905	25	24.00	122,490	85	24.00	116,841	81	24.00	194,307	135	24.00	326	469,543
Wed-2/16/11	35,929	25	24.00	122,468	85	24.00	116,171	81	24.00	194,393	135	24.00	326	468,961
Thu-2/17/11	35,962	25	24.00	122,427	85	24.00	115,390	80	24.00	194,422	135	24.00	325	468,201
Fri-2/18/11	35,976	25	24.00	122,503	85	24.00	115,246	80	24.00	194,433	135	24.00	325	468,158
Sat-2/19/11	35,985	25	24.00	122,553	85	24.00	115,017	80	24.00	194,346	135	24.00	325	467,901
Sun-2/20/11	35,979	25	24.00	124,265	86	24.00	115,283	80	24.00	194,288	135	24.00	326	469,815
Mon-2/21/11	35,986	25	24.00	129,767	90	24.00	115,323	80	24.00	194,293	135	24.00	330	475,369
Tue-2/22/11	35,954	25	24.00	129,804	90	24.00	115,238	80	24.00	211,039	147	24.00	342	492,035
Wed-2/23/11	35,923	25	24.00	129,855	90	24.00	115,118	80	24.00	230,254	160	24.00	355	511,150
Thu-2/24/11	35,927	25	24.00	129,699	90	24.00	115,277	80	24.00	230,323	160	24.00	355	511,226
Fri-2/25/11	35,920	25	24.00	129,766	90	24.00	115,126	80	24.00	206,784	144	24.00	339	487,596
Sat-2/26/11	35,889	25	24.00	129,681	90	24.00	116,563	81	24.00	187,099	130	24.00	326	469,232
Sun-2/27/11	35,892	25	24.00	129,607	90	24.00	117,044	81	24.00	187,137	130	24.00	326	469,680
Mon-2/28/11	35,921	25	24.00	129,712	90	24.00	117,082	81	24.00	182,614	127	24.00	323	465,329
TOTALS	1,007,341	25	672.00	3,489,692	87	672.00	3,248,976	81	672.00	5,515,058	137	672.00	329	13,261,067

TOTAL VOLUME EXTRACTED :	13,261,067 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	328.90 GPM

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Feb-11**

Date	LB-1			LB-3			AE-3			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Tue-2/1/11	144,170	100	24.00	57,820	40	24.00	21,502	15	24.00	155	223,492
Wed-2/2/11	144,153	100	24.00	57,683	40	23.98	21,495	15	24.00	155	223,331
Thu-2/3/11	144,164	100	24.00	57,842	40	24.00	21,486	15	24.00	155	223,492
Fri-2/4/11	144,159	100	23.98	57,726	40	24.00	21,486	15	24.00	155	223,371
Sat-2/5/11	144,166	100	24.00	57,751	40	24.00	21,487	15	24.00	155	223,404
Sun-2/6/11	144,157	100	24.00	57,791	40	24.00	21,459	15	24.00	155	223,407
Mon-2/7/11	144,151	100	24.00	57,750	40	24.00	21,453	15	24.00	155	223,354
Tue-2/8/11	144,159	100	24.00	57,610	40	24.00	21,453	15	24.00	155	223,222
Wed-2/9/11	144,165	100	24.00	57,685	40	23.98	21,470	15	24.00	155	223,320
Thu-2/10/11	144,162	100	23.98	57,827	40	24.00	21,469	15	24.00	155	223,458
Fri-2/11/11	144,153	100	24.00	57,742	40	24.00	21,472	15	24.00	155	223,367
Sat-2/12/11	144,140	100	24.00	57,594	40	24.00	21,459	15	24.00	155	223,193
Sun-2/13/11	144,107	100	24.00	57,703	40	24.00	21,479	15	24.00	155	223,289
Mon-2/14/11	144,145	100	24.00	57,679	40	24.00	21,486	15	24.00	155	223,310
Tue-2/15/11	144,152	100	24.00	57,746	40	23.98	21,480	15	24.00	155	223,378
Wed-2/16/11	144,142	100	24.00	57,739	40	24.00	21,492	15	24.00	155	223,373
Thu-2/17/11	144,142	100	23.98	57,758	40	24.00	21,492	15	24.00	155	223,392
Fri-2/18/11	144,141	100	24.00	57,679	40	24.00	21,489	15	24.00	155	223,309
Sat-2/19/11	144,147	100	24.00	57,698	40	24.00	21,467	15	24.00	155	223,312
Sun-2/20/11	144,155	100	24.00	57,766	40	24.00	21,472	15	24.00	155	223,393
Mon-2/21/11	144,158	100	24.00	57,590	40	24.00	21,490	15	24.00	155	223,238
Tue-2/22/11	144,151	100	24.00	57,595	40	23.98	21,471	15	24.00	155	223,217
Wed-2/23/11	144,158	100	24.00	57,791	40	24.00	21,459	15	24.00	155	223,408
Thu-2/24/11	144,148	100	23.98	57,800	40	24.00	21,453	15	24.00	155	223,401
Fri-2/25/11	144,149	100	24.00	57,769	40	24.00	21,471	15	24.00	155	223,389
Sat-2/26/11	144,153	100	24.00	57,666	40	24.00	21,458	15	24.00	155	223,277
Sun-2/27/11	144,143	100	24.00	57,752	40	24.00	21,466	15	24.00	155	223,361
Mon-2/28/11	144,145	100	24.00	57,690	40	24.00	21,456	15	24.00	155	223,291
TOTALS	4,036,235	100	671.92	1,616,242	40	671.92	601,272	15	672.00	155	6,253,749

TOTAL VOLUME EXTRACTED :	6,253,749 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	155.10 GPM

TABLE #3

CORE AREA EXTRACTION DATA

Month of: **Feb-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.		
Tue-2/1/11	54,818	38	24.00	69,573	48	24.00	130,792	91	24.00	129,523	90	24.00	72,119	50	24.00	317	456,825
Wed-2/2/11	54,854	38	24.00	69,255	48	24.00	130,813	91	24.00	129,494	90	24.00	72,004	50	24.00	317	456,420
Thu-2/3/11	54,961	38	24.00	69,066	48	24.00	131,481	91	24.00	129,564	90	24.00	72,176	50	24.00	318	457,248
Fri-2/4/11	54,726	38	24.00	73,140	51	24.00	131,647	91	24.00	129,617	90	24.00	72,139	50	24.00	320	461,269
Sat-2/5/11	54,700	38	24.00	75,615	53	24.00	131,680	91	24.00	129,524	90	24.00	72,049	50	24.00	322	463,568
Sun-2/6/11	54,824	38	24.00	74,607	52	24.00	131,499	91	24.00	129,693	90	24.00	72,119	50	24.00	321	462,742
Mon-2/7/11	54,808	38	24.00	74,637	52	24.00	131,502	91	24.00	129,650	90	24.00	72,129	50	24.00	321	462,726
Tue-2/8/11	54,624	38	24.00	73,274	51	24.00	130,935	91	24.00	129,553	90	24.00	72,121	50	24.00	320	460,507
Wed-2/9/11	54,872	38	24.00	74,131	51	24.00	130,949	91	24.00	129,522	90	24.00	72,143	50	24.00	321	461,617
Thu-2/10/11	54,798	38	24.00	74,405	52	24.00	130,904	91	24.00	129,570	90	24.00	72,150	50	24.00	321	461,827
Fri-2/11/11	54,737	38	24.00	74,699	52	24.00	130,834	91	24.00	129,583	90	24.00	72,130	50	24.00	321	461,983
Sat-2/12/11	54,700	38	24.00	74,130	51	24.00	130,819	91	24.00	129,588	90	24.00	72,116	50	24.00	320	461,353
Sun-2/13/11	54,838	38	24.00	75,065	52	24.00	130,925	91	24.00	129,647	90	24.00	72,156	50	24.00	321	462,631
Mon-2/14/11	54,718	38	24.00	73,216	51	24.00	130,828	91	24.00	129,541	90	24.00	71,938	50	24.00	320	460,241
Tue-2/15/11	54,788	38	24.00	72,247	50	24.00	131,634	91	24.00	129,685	90	24.00	72,141	50	24.00	320	460,495
Wed-2/16/11	54,871	38	24.00	74,355	52	24.00	131,967	92	24.00	129,685	90	24.00	72,101	50	24.00	322	462,979
Thu-2/17/11	54,874	38	24.00	74,700	52	24.00	131,990	92	24.00	129,669	90	24.00	72,134	50	24.00	322	463,367
Fri-2/18/11	54,819	38	24.00	73,605	51	24.00	130,942	91	24.00	129,559	90	24.00	72,072	50	24.00	320	460,997
Sat-2/19/11	54,744	38	24.00	72,050	50	24.00	131,051	91	24.00	129,722	90	24.00	72,107	50	24.00	319	459,674
Sun-2/20/11	54,844	38	24.00	73,641	51	24.00	131,249	91	24.00	131,441	91	24.00	72,181	50	24.00	322	463,356
Mon-2/21/11	54,822	38	24.00	73,974	51	24.00	130,700	91	24.00	136,859	95	24.00	72,072	50	24.00	325	468,427
Tue-2/22/11	54,843	38	24.00	72,275	50	24.00	131,013	91	24.00	136,855	95	24.00	37,548	50	12.50	300	432,534
Wed-2/23/11	54,882	38	24.00	72,835	51	24.00	131,583	91	24.00	136,809	95	24.00	-	-	-	275	396,109
Thu-2/24/11	54,702	38	24.00	74,559	52	24.00	131,493	91	24.00	136,826	95	24.00	-	-	-	276	397,580
Fri-2/25/11	54,807	38	24.00	73,534	51	24.00	131,040	91	24.00	136,826	95	24.00	44,585	55	13.50	306	440,792
Sat-2/26/11	54,905	38	24.00	73,583	51	24.00	131,376	91	24.00	136,823	95	24.00	79,302	55	24.00	331	475,989
Sun-2/27/11	54,904	38	24.00	74,168	52	24.00	131,181	91	24.00	136,717	95	24.00	79,302	55	24.00	331	476,272
Mon-2/28/11	54,884	38	24.00	72,478	50	24.00	129,022	90	24.00	136,772	95	24.00	79,319	55	24.00	328	472,475
TOTALS	1,534,667		672.00	2,052,817	51	672.00	3,671,849	91	672.00	3,688,317	91	672.00	1,834,353	51	602.00	317	12,782,003

TOTAL VOLUME EXTRACTED :	12,782,003 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	317.01 GPM

2/22/11 - 2/25/11 - TW-20 was shut down for maintenance.

MARSHY AREA EXTRACTION DATA

Month of: Feb-11

Marshy Well Extraction				Daily	Daily
Date	PW-1 Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Tue-2/1/11	5,272	4	24.00	4	5,272
Wed-2/2/11	5,259	4	24.00	4	5,259
Thu-2/3/11	5,279	4	24.00	4	5,279
Fri-2/4/11	5,221	4	24.00	4	5,221
Sat-2/5/11	5,124	4	24.00	4	5,124
Sun-2/6/11	4,922	3	24.00	3	4,922
Mon-2/7/11	5,053	4	24.00	4	5,053
Tue-2/8/11	5,206	4	24.00	4	5,206
Wed-2/9/11	5,250	4	24.00	4	5,250
Thu-2/10/11	5,148	4	24.00	4	5,148
Fri-2/11/11	5,182	4	24.00	4	5,182
Sat-2/12/11	5,176	4	24.00	4	5,176
Sun-2/13/11	5,130	4	24.00	4	5,130
Mon-2/14/11	5,164	4	24.00	4	5,164
Tue-2/15/11	5,240	4	24.00	4	5,240
Wed-2/16/11	5,213	4	24.00	4	5,213
Thu-2/17/11	5,109	4	24.00	4	5,109
Fri-2/18/11	5,293	4	24.00	4	5,293
Sat-2/19/11	5,479	4	24.00	4	5,479
Sun-2/20/11	5,408	4	24.00	4	5,408
Mon-2/21/11	5,361	4	24.00	4	5,361
Tue-2/22/11	5,400	4	24.00	4	5,400
Wed-2/23/11	5,445	4	24.00	4	5,445
Thu-2/24/11	5,419	4	24.00	4	5,419
Fri-2/25/11	5,368	4	24.00	4	5,368
Sat-2/26/11	5,347	4	24.00	4	5,347
Sun-2/27/11	5,318	4	24.00	4	5,318
Mon-2/28/11	5,328	4	24.00	4	5,328
TOTALS	147,114	4	672.00	4	147,114

TOTAL VOLUME EXTRACTED :	147,114 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	3.65 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: Feb-11

SouthWest Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Tue-2/1/11	43,857	30	24.00	30	43,857
Wed-2/2/11	50,606	35	24.00	35	50,606
Thu-2/3/11	54,185	38	24.00	38	54,185
Fri-2/4/11	53,990	37	24.00	37	53,990
Sat-2/5/11	53,892	37	24.00	37	53,892
Sun-2/6/11	53,761	37	24.00	37	53,761
Mon-2/7/11	53,783	37	24.00	37	53,783
Tue-2/8/11	53,613	37	24.00	37	53,613
Wed-2/9/11	53,821	37	24.00	37	53,821
Thu-2/10/11	53,630	37	24.00	37	53,630
Fri-2/11/11	53,545	37	24.00	37	53,545
Sat-2/12/11	53,487	37	24.00	37	53,487
Sun-2/13/11	53,679	37	24.00	37	53,679
Mon-2/14/11	53,497	37	24.00	37	53,497
Tue-2/15/11	52,336	36	24.00	36	52,336
Wed-2/16/11	51,890	36	24.00	36	51,890
Thu-2/17/11	52,020	36	24.00	36	52,020
Fri-2/18/11	51,982	36	24.00	36	51,982
Sat-2/19/11	51,871	36	24.00	36	51,871
Sun-2/20/11	52,034	36	24.00	36	52,034
Mon-2/21/11	51,956	36	24.00	36	51,956
Tue-2/22/11	51,768	36	24.00	36	51,768
Wed-2/23/11	51,806	36	24.00	36	51,806
Thu-2/24/11	51,977	36	24.00	36	51,977
Fri-2/25/11	52,097	36	24.00	36	52,097
Sat-2/26/11	52,097	36	24.00	36	52,097
Sun-2/27/11	52,111	36	24.00	36	52,111
Mon-2/28/11	52,076	36	24.00	36	52,076
TOTALS	1,467,367	36	672.00	36	1,467,367

TOTAL VOLUME EXTRACTED :	1,467,367 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	36.39 GPM

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

UNIT "E" EXTRACTION DATA

Month of: Feb-11

Date	TW-11			TW-17			TW-18			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Tue-2/1/11	71,249	49	24.00	143,880	100	24.00	204,996	142	24.00	292	420,125
Wed-2/2/11	71,363	50	24.00	143,873	100	24.00	204,899	142	24.00	292	420,135
Thu-2/3/11	71,759	50	24.00	143,903	100	24.00	199,520	139	24.00	288	415,182
Fri-2/4/11	71,749	50	24.00	140,872	98	24.00	197,625	137	24.00	285	410,246
Sat-2/5/11	71,750	50	24.00	136,712	95	24.00	197,455	137	24.00	282	405,917
Sun-2/6/11	71,775	50	24.00	136,719	95	24.00	197,229	137	24.00	282	405,723
Mon-2/7/11	71,893	50	24.00	136,759	95	24.00	197,710	137	24.00	282	406,362
Tue-2/8/11	71,799	50	24.00	136,693	95	24.00	197,724	137	24.00	282	406,216
Wed-2/9/11	71,683	50	24.00	136,699	95	24.00	197,722	137	24.00	282	406,104
Thu-2/10/11	71,407	50	24.00	136,678	95	24.00	197,710	137	24.00	282	405,795
Fri-2/11/11	71,435	50	24.00	131,328	91	24.00	197,733	137	24.00	278	400,496
Sat-2/12/11	71,663	50	24.00	129,533	90	24.00	197,799	137	24.00	277	398,995
Sun-2/13/11	71,812	50	24.00	129,538	90	24.00	197,825	137	24.00	277	399,175
Mon-2/14/11	71,716	50	24.00	129,536	90	24.00	197,539	137	23.95	277	398,791
Tue-2/15/11	71,820	50	24.00	134,834	94	24.00	197,746	137	24.00	281	404,400
Wed-2/16/11	71,728	50	24.00	136,768	95	24.00	197,791	137	24.00	282	406,287
Thu-2/17/11	71,922	50	24.00	136,754	95	24.00	197,814	137	24.00	282	406,490
Fri-2/18/11	72,148	50	24.00	136,761	95	24.00	197,793	137	24.00	282	406,702
Sat-2/19/11	71,918	50	24.00	136,784	95	24.00	197,768	137	24.00	282	406,470
Sun-2/20/11	71,756	50	24.00	136,743	95	24.00	197,743	137	24.00	282	406,242
Mon-2/21/11	71,780	50	24.00	136,708	95	24.00	197,722	137	24.00	282	406,210
Tue-2/22/11	71,642	50	24.00	136,707	95	24.00	215,189	149	24.00	294	423,538
Wed-2/23/11	71,574	50	24.00	136,716	95	24.00	234,178	163	24.00	307	442,468
Thu-2/24/11	71,612	50	24.00	136,719	95	24.00	234,240	163	24.00	307	442,571
Fri-2/25/11	72,683	50	24.00	136,738	95	24.00	209,812	146	24.00	291	419,233
Sat-2/26/11	73,274	51	24.00	136,698	95	24.00	190,430	132	24.00	278	400,402
Sun-2/27/11	73,255	51	24.00	136,759	95	24.00	190,424	132	24.00	278	400,438
Mon-2/28/11	73,263	51	24.00	136,756	95	24.00	185,759	129	24.00	275	395,778
TOTALS	2,013,428	50	672.00	3,825,168	95	672.00	5,627,895	140	671.95	284	11,466,491

TOTAL VOLUME EXTRACTED :	11,466,491 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	284.39 GPM

TABLE #7
Western System Purging

Date	Gallons Purged
2/10/2011	36,000

Western System 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

Western System 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

Western System 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

Western System 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

Western System 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

Western System 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

Western System 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

Western System 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

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

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
05/11/04	160
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

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

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
02/01/07	108
03/06/07	105
04/05/07	106

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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

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

Ann Arbor Cleaning Supply Well	
Date	1,4 Dioxane ug/L
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
11/09/10	88
12/02/10	103
01/06/11	93
02/10/11	106

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-02-07-11-09:22-1	2/7/11	87
TW-1-02-07-11-09:28-1	2/7/11	156
TW-10-02-07-11-12:50-1	2/7/11	874
TW-14-02-07-11-12:58-1	2/7/11	118
TW-20-02-07-11-12:40-1	2/7/11	1647
AE-3-02-07-11-10:34-1	2/7/11	157
HZ-S-02-07-11-13:00-1	2/7/11	1025
LB-1-02-07-11-10:30-1	2/7/11	634
LB-3-02-07-11-10:32-1	2/7/11	605
TW-21-02-07-11-11:00-1	2/7/11	286
TW-5-02-07-11-11:10-1	2/7/11	1011
TW-9-02-07-11-13:05-1	2/7/11	1039
TW-11-02-07-11-11:12-1	2/7/11	234
TW-17-02-07-11-12:55-1	2/7/11	90
TW-18-02-07-11-09:24-1	2/7/11	415
PW-1-02-07-11-09:26-1	2/7/11	1209
SW-COMB-02-07-11-09:20-1	2/7/11	570
TW-22-02-07-11-12:30-1	2/7/11	715
TW-8-02-07-11-13:35-1	2/7/11	559

RED POND DATA

Month of: Feb-11

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Tue-2/1/11	3:05		Y	4.7	-	24.00	1,124
Wed-2/2/11	3:00		Y	4.8	-	24.00	1,129
Thu-2/3/11	3:00		Y	4.8	-	24.00	1,128
Fri-2/4/11	3:00		Y	4.8	-	24.00	1,128
Sat-2/5/11	3:00	(1)		4.8	-	24.00	1,126
Sun-2/6/11	3:00	(1)		4.9	-	24.00	1,124
Mon-2/7/11	3:00		Y	4.9	-	24.00	1,125
Tue-2/8/11	3:00		Y	4.8	-	24.00	1,123
Wed-2/9/11	3:00		Y	4.9	-	24.00	1,125
Thu-2/10/11	3:00		Y	4.9	-	24.00	1,125
Fri-2/11/11	3:00		Y	5.2	-	24.00	1,120
Sat-2/12/11	3:00	(1)		5.3	-	24.00	1,118
Sun-2/13/11	3:00	(1)		5.1	-	24.00	1,120
Mon-2/14/11	3:00		Y	5.0	-	24.00	1,118
Tue-2/15/11	3:00		Y	4.9	-	24.00	1,122
Wed-2/16/11	3:00		Y	4.8	-	24.00	1,124
Thu-2/17/11	3:00		Y	4.8	-	24.00	1,124
Fri-2/18/11	3:00		Y	4.8	-	24.00	1,123
Sat-2/19/11	3:00	(1)		4.8	-	24.00	1,121
Sun-2/20/11	3:00	(1)		4.7	-	24.00	1,125
Mon-2/21/11	3:00	(1)		4.7	-	24.00	1,132
Tue-2/22/11	3:00		Y	4.8	-	24.00	1,131
Wed-2/23/11	3:00		Y	4.9	-	24.00	1,132
Thu-2/24/11	3:00		Y	5.1	-	24.00	1,133
Fri-2/25/11	3:00		Y	5.5	-	24.00	1,131
Sat-2/26/11	3:00	(1)		5.6	-	24.00	1,129
Sun-2/27/11	3:00	(1)		5.6	-	24.00	1,130
Mon-2/28/11	3:00		Y	5.7	-	24.00	1,121
TOTALS			-	-	-	672	

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-02-07-11-09:30-1	2/7/11	530
Red Pond-02-14-11-08:30-1	2/14/11	543
Red Pond-02-22-11-14:00-1	2/22/11	513
Red Pond-02-28-11-14:05-1	2/28/11	523

OZONE OPERATION REPORT

Month of: Feb-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
Tue-2/1/11	3:07 AM		369	24.00	370	24.00	370	24.00	0	0.00
Wed-2/2/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Thu-2/3/11	3:00 AM		370	24.00	370	24.00	371	24.00	0	0.00
Fri-2/4/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Sat-2/5/11	3:00 AM	(1)	370	24.00	369	24.00	370	24.00	0	0.00
Sun-2/6/11	3:00 AM	(1)	370	24.00	370	24.00	371	24.00	0	0.00
Mon-2/7/11	3:00 AM		370	24.00	369	24.00	371	24.00	0	0.00
Tue-2/8/11	3:00 AM		370	24.00	371	24.00	370	23.40	0	0.00
Wed-2/9/11	3:00 AM		370	24.00	371	24.00	370	24.00	0	0.00
Thu-2/10/11	3:00 AM		370	24.00	369	24.00	370	24.00	0	0.00
Fri-2/11/11	3:00 AM		370	24.00	371	24.00	370	24.00	0	0.00
Sat-2/12/11	3:00 AM	(1)	370	24.00	369	24.00	370	24.00	0	0.00
Sun-2/13/11	3:00 AM	(1)	370	24.00	370	24.00	371	24.00	0	0.00
Mon-2/14/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Tue-2/15/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Wed-2/16/11	3:00 AM		370	24.00	369	24.00	370	24.00	0	0.00
Thu-2/17/11	3:00 AM		370	24.00	371	24.00	370	24.00	0	0.00
Fri-2/18/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Sat-2/19/11	3:00 AM	(1)	370	24.00	369	24.00	371	24.00	0	0.00
Sun-2/20/11	3:00 AM	(1)	370	24.00	371	24.00	370	24.00	0	0.00
Mon-2/21/11	3:00 AM		370	24.00	370	24.00	371	24.00	0	0.00
Tue-2/22/11	3:00 AM		370	24.00	370	24.00	370	24.00	0	0.00
Wed-2/23/11	3:00 AM		370	24.00	370	24.00	371	24.00	0	0.00
Thu-2/24/11	3:00 AM		370	23.57	371	24.00	371	23.60	0	0.00
Fri-2/25/11	3:00 AM		370	24.00	370	24.00	371	24.00	0	0.00
Sat-2/26/11	3:00 AM	(1)	370	24.00	370	24.00	371	24.00	0	0.00
Sun-2/27/11	3:00 AM	(1)	370	24.00	370	24.00	370	24.00	0	0.00
Mon-2/28/11	3:00 AM		370	24.00	370	24.00	369	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.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: Feb-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	Hours	GPM	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	
Tue-2/1/11	3:05 AM		Y	-	-							1,143	1,645,491	24.00	-	-	-	-	-	-
Wed-2/2/11	3:00 AM		Y	-	-							1,144	1,646,835	24.00	-	-	-	-	-	-
Thu-2/3/11	3:00 AM		Y	-	-							1,143	1,646,104	24.00	-	-	-	-	-	-
Fri-2/4/11	3:00 AM		Y	-	-							1,143	1,645,337	24.00	-	-	-	-	-	-
Sat-2/5/11	3:00 AM	(1)		-	-							1,143	1,646,280	24.00	-	-	-	-	-	-
Sun-2/6/11	3:00 AM	(1)		-	-							1,144	1,646,656	24.00	-	-	-	-	-	-
Mon-2/7/11	3:00 AM		Y	-	-							1,144	1,646,940	24.00	-	-	-	-	-	-
Tue-2/8/11	3:00 AM		Y	-	-							1,133	1,631,250	24.00	-	-	-	-	-	-
Wed-2/9/11	3:00 AM		Y	-	-							1,142	1,644,600	24.00	-	-	-	-	-	-
Thu-2/10/11	3:00 AM		Y	-	-							1,143	1,645,302	24.00	-	-	-	-	-	-
Fri-2/11/11	3:00 AM		Y	-	-							1,132	1,630,378	24.00	-	-	-	-	-	-
Sat-2/12/11	3:00 AM	(1)		-	-							1,143	1,646,202	24.00	-	-	-	-	-	-
Sun-2/13/11	3:00 AM	(1)		-	-							1,144	1,647,142	24.00	-	-	-	-	-	-
Mon-2/14/11	3:00 AM		Y	-	-							1,144	1,646,924	24.00	-	-	-	-	-	-
Tue-2/15/11	3:00 AM		Y	-	-							1,143	1,646,439	24.00	-	-	-	-	-	-
Wed-2/16/11	3:00 AM		Y	-	-							1,144	1,647,885	24.00	-	-	-	-	-	-
Thu-2/17/11	3:00 AM		Y	-	-							1,145	1,648,693	24.00	-	-	-	-	-	-
Fri-2/18/11	3:00 AM		Y	-	-							1,145	1,648,784	24.00	-	-	-	-	-	-
Sat-2/19/11	3:00 AM	(1)		-	-							1,144	1,647,944	24.00	-	-	-	-	-	-
Sun-2/20/11	3:00 AM	(1)		-	-							1,144	1,647,129	24.00	-	-	-	-	-	-
Mon-2/21/11	3:00 AM		Y	-	-							1,144	1,646,740	24.00	-	-	-	-	-	-
Tue-2/22/11	3:00 AM		Y	-	-							1,144	1,647,269	24.00	-	-	-	-	-	-
Wed-2/23/11	3:00 AM		Y	-	-							1,144	1,646,963	24.00	-	-	-	-	-	-
Thu-2/24/11	3:00 AM		Y	-	-							1,130	1,626,574	24.00	-	-	-	-	-	-
Fri-2/25/11	3:00 AM		Y	-	-							1,143	1,646,145	24.00	-	-	-	-	-	-
Sat-2/26/11	3:00 AM	(1)		-	-							1,143	1,646,022	24.00	-	-	-	-	-	-
Sun-2/27/11	3:00 AM	(1)		-	-							1,143	1,646,496	24.00	-	-	-	-	-	-
Mon-2/28/11	3:00 AM		Y	-	-							1,144	1,646,809	24.00	-	-	-	-	-	-
TOTALS													46,055,333	672						

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
2/1/2011	1.645		4	0	no	no	6.7	0	
2/2/2011	1.647		4	0	no	no	6.7	5	
2/3/2011	1.646		4	0	no	yes	6.7	0	13
2/4/2011	1.645			100	no	no	6.7		
2/5/2011	1.646								
2/6/2011	1.647		3					0	
2/7/2011	1.647	530	5	0	yes	yes	6.7	0	23
2/8/2011	1.631		3	100	no	no	6.7	0	
2/9/2011	1.645		6	100	no	no	6.8	0	
2/10/2011	1.645		6	100	no	yes	6.8	0	15
2/11/2011	1.630			0	no	no	6.7		
2/12/2011	1.646								
2/13/2011	1.647		6					0	
2/14/2011	1.647	543	6	100	yes	yes	6.7	0	23
2/15/2011	1.646		6	100	no	no	6.7	0	
2/16/2011	1.648		5	0	no	no	6.7	5	
2/17/2011	1.649		6	0	no	yes	6.7	0	28
2/18/2011	1.649			0	no	no	6.6		
2/19/2011	1.648								
2/20/2011	1.647		4					0	
2/21/2011	1.647		4	0	no	no	6.7	5	
2/22/2011	1.647	513	3	0	yes	yes	6.7	5	14
2/23/2011	1.647		4	0	no	no	6.7	0	
2/24/2011	1.627		5	0	no	yes	6.6	5	41
2/25/2011	1.646			0	no	no	6.6		
2/26/2011	1.646								
2/27/2011	1.646		4					0	
2/28/2011	1.647	523	3	0	yes	yes	6.7	0	19
Total Volume Discharged (mg)	46.055								
Monthly Avg			5					1	

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

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MAR 16 2011

MDEQ - RRD
 JACKSON DISTRICT OFFICE