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JACKSON DISTRICT OFFICE

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **Feb-13**

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-2/1/13	35,944	25	24.00	72,977	51	24.00	86,271	60	24.00	136
Sat-2/2/13	35,689	25	24.00	75,472	52	24.00	86,240	60	24.00	137	197,401
Sun-2/3/13	35,720	25	24.00	75,486	52	24.00	86,219	60	24.00	137	197,425
Mon-2/4/13	35,920	25	24.00	75,670	53	24.00	86,248	60	24.00	137	197,838
Tue-2/5/13	35,597	25	24.00	75,632	53	24.00	86,300	60	24.00	137	197,529
Wed-2/6/13	35,530	25	24.00	75,563	52	24.00	86,327	60	24.00	137	197,420
Thu-2/7/13	35,606	25	24.00	75,609	53	24.00	86,312	60	24.00	137	197,527
Fri-2/8/13	35,559	25	24.00	75,575	52	24.00	86,942	61	23.90	138	198,076
Sat-2/9/13	35,921	25	24.00	75,564	52	24.00	86,287	60	24.00	137	197,772
Sun-2/10/13	36,162	25	24.00	75,641	53	24.00	86,314	60	24.00	138	198,117
Mon-2/11/13	36,236	25	24.00	75,664	53	24.00	86,307	60	24.00	138	198,207
Tue-2/12/13	36,219	25	24.00	75,571	52	24.00	86,369	60	24.00	138	198,159
Wed-2/13/13	36,238	25	24.00	75,608	53	24.00	85,957	60	23.90	137	197,803
Thu-2/14/13	36,244	25	24.00	75,591	52	24.00	86,343	60	24.00	138	198,178
Fri-2/15/13	36,252	25	24.00	75,535	52	24.00	86,295	60	24.00	138	198,082
Sat-2/16/13	36,130	25	24.00	75,534	52	24.00	86,267	60	24.00	137	197,931
Sun-2/17/13	35,922	25	24.00	75,554	52	24.00	86,287	60	24.00	137	197,763
Mon-2/18/13	35,956	25	24.00	75,534	52	24.00	86,341	60	24.00	137	197,831
Tue-2/19/13	35,946	25	24.00	75,538	52	24.00	86,333	60	24.00	137	197,817
Wed-2/20/13	35,908	25	24.00	75,503	52	24.00	86,303	60	24.00	137	197,714
Thu-2/21/13	35,903	25	24.00	75,539	52	24.00	86,291	60	24.00	137	197,733
Fri-2/22/13	35,913	25	24.00	75,563	52	24.00	86,312	60	24.00	137	197,788
Sat-2/23/13	35,890	25	24.00	75,583	52	24.00	86,323	60	24.00	137	197,796
Sun-2/24/13	35,853	25	24.00	75,549	52	24.00	86,291	60	24.00	137	197,693
Mon-2/25/13	35,952	25	24.00	75,533	52	24.00	86,346	60	24.00	137	197,831
Tue-2/26/13	36,077	25	23.98	74,276	52	24.00	86,344	60	24.00	137	196,697
Wed-2/27/13	21,550	25	14.38	45,297	51	14.85	29,079	60	8.10	67	95,926
Thu-2/28/13	25,061	25	16.67	49,297	51	16.23	25,890	79	5.49	70	100,248
TOTALS	980,898	25	655.03	2,055,458	52	655.08	2,299,138	61	637.39	132	5,335,494

TOTAL VOLUME EXTRACTED :	5,335,494 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	132.33 GPM

02/27/13-02/28/13 - Treatment was shut down due to DTE power loss caused by winter storm.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Feb-13**

Date	LB-1			LB-3			Daily Flow GPM	Daily Total Gallons
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.		
Fri-2/1/13	84,783	59	23.98	57,586	40	24.00	99	142,369
Sat-2/2/13	84,955	59	24.00	57,789	40	24.00	99	142,744
Sun-2/3/13	85,077	59	24.00	57,853	40	24.00	99	142,930
Mon-2/4/13	85,011	59	24.00	57,672	40	24.00	99	142,683
Tue-2/5/13	85,026	59	24.00	57,498	40	24.00	99	142,524
Wed-2/6/13	84,605	59	24.00	57,412	40	24.00	99	142,017
Thu-2/7/13	85,208	59	23.98	58,079	40	23.98	100	143,287
Fri-2/8/13	85,834	60	24.00	57,589	40	24.00	100	143,423
Sat-2/9/13	84,259	60	23.60	56,672	40	23.60	98	140,931
Sun-2/10/13	85,985	60	24.00	57,863	40	24.00	100	143,848
Mon-2/11/13	86,074	60	23.98	57,584	40	23.98	100	143,658
Tue-2/12/13	85,966	60	24.00	57,461	40	24.00	100	143,427
Wed-2/13/13	85,237	59	24.00	57,576	40	24.00	99	142,813
Thu-2/14/13	85,114	59	24.00	57,553	40	24.00	99	142,667
Fri-2/15/13	84,780	59	24.00	57,452	40	24.00	99	142,232
Sat-2/16/13	84,453	59	24.00	57,588	40	24.00	99	142,041
Sun-2/17/13	84,410	59	23.98	57,586	40	23.98	99	141,996
Mon-2/18/13	84,847	59	24.00	57,873	40	24.00	99	142,720
Tue-2/19/13	84,987	59	24.00	57,699	40	24.00	99	142,686
Wed-2/20/13	83,088	58	24.00	57,276	40	24.00	97	140,364
Thu-2/21/13	84,507	59	24.00	57,830	40	24.00	99	142,337
Fri-2/22/13	84,913	59	24.00	57,958	40	24.00	99	142,871
Sat-2/23/13	85,074	59	24.00	57,839	40	24.00	99	142,913
Sun-2/24/13	84,969	59	23.98	57,666	40	23.98	99	142,635
Mon-2/25/13	84,694	59	24.00	57,412	40	24.00	99	142,106
Tue-2/26/13	84,986	59	24.00	57,680	40	24.00	99	142,666
Wed-2/27/13	52,074	59	14.67	35,322	40	14.67	61	87,396
Thu-2/28/13	56,781	59	16.05	38,463	40	16.05	66	95,244
TOTALS	2,317,697	59	654.22	1,571,831	40	654.24	96	3,889,528

TOTAL VOLUME EXTRACTED :	3,889,528 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	96.47 GPM

02/27/13-02/28/13 - Treatment was shut down due to DTE power loss caused by winter storm.

CORE AREA EXTRACTION DATA

Month of: **Feb-13**

Core Area Well Extraction							Daily	Daily
Date	TW-2 (Dolph)			TW-20			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-2/1/13	20,634	14	24.00	46,107	32	24.00	46	66,741
Sat-2/2/13	20,944	15	24.00	46,127	32	24.00	47	67,071
Sun-2/3/13	21,663	15	24.00	46,117	32	24.00	47	67,780
Mon-2/4/13	21,656	15	24.00	46,152	32	24.00	47	67,808
Tue-2/5/13	21,389	15	24.00	46,164	32	24.00	47	67,553
Wed-2/6/13	21,298	15	24.00	46,110	32	24.00	47	67,408
Thu-2/7/13	20,869	14	24.00	46,143	32	24.00	47	67,012
Fri-2/8/13	20,278	14	24.00	46,132	32	24.00	46	66,410
Sat-2/9/13	20,717	14	24.00	46,125	32	24.00	46	66,842
Sun-2/10/13	20,932	15	24.00	46,144	32	24.00	47	67,076
Mon-2/11/13	21,721	15	24.00	46,194	32	24.00	47	67,915
Tue-2/12/13	21,124	15	24.00	46,118	32	24.00	47	67,242
Wed-2/13/13	20,931	15	24.00	46,146	32	24.00	47	67,077
Thu-2/14/13	21,668	15	24.00	46,156	32	24.00	47	67,824
Fri-2/15/13	21,135	15	24.00	46,146	32	24.00	47	67,281
Sat-2/16/13	20,575	14	24.00	46,136	32	24.00	46	66,711
Sun-2/17/13	20,481	14	24.00	46,131	32	24.00	46	66,612
Mon-2/18/13	21,147	15	24.00	46,140	32	24.00	47	67,287
Tue-2/19/13	21,085	15	24.00	46,145	32	24.00	47	67,230
Wed-2/20/13	20,203	14	24.00	46,130	32	24.00	46	66,333
Thu-2/21/13	20,537	14	24.00	46,158	32	24.00	46	66,695
Fri-2/22/13	21,253	15	24.00	46,167	32	24.00	47	67,420
Sat-2/23/13	21,569	15	24.00	46,129	32	24.00	47	67,698
Sun-2/24/13	20,856	14	24.00	46,119	32	24.00	47	66,975
Mon-2/25/13	20,935	15	24.00	46,155	32	24.00	47	67,090
Tue-2/26/13	21,192	15	24.00	46,115	32	24.00	47	67,307
Wed-2/27/13	14,240	15	15.63	29,011	32	15.08	30	43,251
Thu-2/28/13	12,924	14	15.57	31,574	33	15.98	31	44,498
TOTALS	573,956	15	655.20	1,260,191	32	655.07	45	1,834,147

TOTAL VOLUME EXTRACTED :	1,834,147 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	45.49 GPM

02/27/13-02/28/13 - Treatment was shut down due to DTE power loss caused by winter storm.

MARSHY AREA EXTRACTION DATA

Month of: **Feb-13**

Marshy Well Extraction				Daily Flow	Daily Total
Date	PW-1 Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-2/1/13	-	-	-	-	-
Sat-2/2/13	-	-	-	-	-
Sun-2/3/13	-	-	-	-	-
Mon-2/4/13	-	-	-	-	-
Tue-2/5/13	-	-	-	-	-
Wed-2/6/13	-	-	-	-	-
Thu-2/7/13	-	-	-	-	-
Fri-2/8/13	-	-	-	-	-
Sat-2/9/13	-	-	-	-	-
Sun-2/10/13	-	-	-	-	-
Mon-2/11/13	-	-	-	-	-
Tue-2/12/13	-	-	-	-	-
Wed-2/13/13	-	-	-	-	-
Thu-2/14/13	-	-	-	-	-
Fri-2/15/13	-	-	-	-	-
Sat-2/16/13	-	-	-	-	-
Sun-2/17/13	-	-	-	-	-
Mon-2/18/13	-	-	-	-	-
Tue-2/19/13	-	-	-	-	-
Wed-2/20/13	-	-	-	-	-
Thu-2/21/13	-	-	-	-	-
Fri-2/22/13	-	-	-	-	-
Sat-2/23/13	-	-	-	-	-
Sun-2/24/13	-	-	-	-	-
Mon-2/25/13	-	-	-	-	-
Tue-2/26/13	-	-	-	-	-
Wed-2/27/13	-	-	-	-	-
Thu-2/28/13	-	-	-	-	-
TOTALS	-	-	-	-	-

TOTAL VOLUME EXTRACTED :	0 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	0.00 GPM

Marshy extraction was down due to low water levels.

SOUTHWEST AREA EXTRACTION DATA

Month of: Feb-13

South West Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-2/1/13	29,251	20	24.00	20	29,251
Sat-2/2/13	29,350	20	24.00	20	29,350
Sun-2/3/13	29,304	20	24.00	20	29,304
Mon-2/4/13	29,126	20	24.00	20	29,126
Tue-2/5/13	29,010	20	24.00	20	29,010
Wed-2/6/13	28,580	20	24.00	20	28,580
Thu-2/7/13	28,668	20	24.00	20	28,668
Fri-2/8/13	28,472	20	24.00	20	28,472
Sat-2/9/13	28,058	19	24.00	19	28,058
Sun-2/10/13	28,255	20	24.00	20	28,255
Mon-2/11/13	28,237	20	24.00	20	28,237
Tue-2/12/13	27,839	19	24.00	19	27,839
Wed-2/13/13	27,155	19	24.00	19	27,155
Thu-2/14/13	25,603	18	24.00	18	25,603
Fri-2/15/13	25,244	18	24.00	18	25,244
Sat-2/16/13	25,203	18	24.00	18	25,203
Sun-2/17/13	25,001	17	24.00	17	25,001
Mon-2/18/13	25,096	17	24.00	17	25,096
Tue-2/19/13	25,028	17	24.00	17	25,028
Wed-2/20/13	24,522	17	24.00	17	24,522
Thu-2/21/13	24,360	17	24.00	17	24,360
Fri-2/22/13	24,551	17	24.00	17	24,551
Sat-2/23/13	24,379	17	24.00	17	24,379
Sun-2/24/13	24,142	17	24.00	17	24,142
Mon-2/25/13	23,945	17	24.00	17	23,945
Tue-2/26/13	24,110	17	24.00	17	24,110
Wed-2/27/13	15,200	17	15.12	11	15,200
Thu-2/28/13	16,498	17	15.97	11	16,498
TOTALS	724,187	18	655.08	18	724,187

TOTAL VOLUME EXTRACTED :	724,187 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	17.96 GPM

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

02/27/13-02/28/13 - Treatment was shut down due to DTE power loss caused by winter storm.

UNIT "E" EXTRACTION DATA

Month of: Feb-13

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
Fri-2/1/13	46,777	32	24.00	238,444	166	24.00	144,096	100	24.00	298	429,317
Sar-2/2/13	46,881	33	24.00	240,983	167	24.00	144,100	100	24.00	300	431,964
Sun-2/3/13	46,830	33	24.00	240,978	167	24.00	144,096	100	24.00	300	431,904
Mon-2/4/13	47,273	33	24.00	240,966	167	24.00	144,097	100	24.00	300	432,336
Tue-2/5/13	47,520	33	24.00	240,971	167	24.00	144,098	100	24.00	300	432,589
Wed-2/6/13	47,451	33	24.00	240,963	167	24.00	144,097	100	24.00	300	432,511
Thu-2/7/13	47,383	33	24.00	240,933	167	24.00	144,096	100	24.00	300	432,412
Fri-2/8/13	47,114	33	24.00	239,924	167	23.90	143,491	100	23.90	299	430,529
Sat-2/9/13	46,794	32	24.00	240,993	167	24.00	141,628	100	23.60	298	429,415
Sun-2/10/13	45,702	32	24.00	240,949	167	24.00	144,095	100	24.00	299	430,746
Mon-2/11/13	45,945	32	24.00	240,945	167	24.00	144,093	100	24.00	299	430,983
Tue-2/12/13	46,559	32	24.00	240,900	167	24.00	144,095	100	24.00	300	431,554
Wed-2/13/13	46,639	32	24.00	239,939	167	23.90	143,442	100	23.90	299	430,020
Thu-2/14/13	46,684	32	24.00	240,939	167	24.00	144,086	100	24.00	300	431,709
Fri-2/15/13	46,741	32	24.00	240,964	167	24.00	144,095	100	24.00	300	431,800
Sat-2/16/13	46,703	32	24.00	240,970	167	24.00	144,099	100	24.00	300	431,772
Sun-2/17/13	44,929	31	24.00	240,975	167	24.00	144,095	100	24.00	299	429,999
Mon-2/18/13	44,766	31	24.00	240,941	167	24.00	144,096	100	24.00	298	429,803
Tue-2/19/13	44,755	31	24.00	240,942	167	24.00	144,094	100	24.00	298	429,791
Wed-2/20/13	44,665	31	24.00	240,981	167	24.00	144,097	100	24.00	298	429,743
Thu-2/21/13	45,062	31	24.00	240,957	167	24.00	144,096	100	24.00	299	430,115
Fri-2/22/13	45,383	32	24.00	240,948	167	24.00	144,101	100	24.00	299	430,432
Sat-2/23/13	45,832	32	24.00	240,947	167	24.00	144,097	100	24.00	299	430,876
Sun-2/24/13	46,413	32	24.00	240,946	167	24.00	144,093	100	24.00	300	431,452
Mon-2/25/13	46,392	32	24.00	240,965	167	24.00	140,367	100	23.40	297	427,724
Tue-2/26/13	35,813	32	18.56	240,892	167	24.00	144,097	100	24.00	292	420,802
Wed-2/27/13	13,125	32	6.85	37,038	168	3.68	88,153	100	14.70	96	138,316
Thu-2/28/13	33,413	35	16.11	5,705	163	0.58	94,665	100	15.80	93	133,783
TOTALS	1,239,544	32	641.52	6,302,998	167	628.07	3,921,855	100	653.30	284	11,464,397

TOTAL VOLUME EXTRACTED :	11,464,397 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	284.34 GPM

02/26/13 - TW-11 was shut down briefly for maintenance.

02/27/13-02/28/13 - Treatment was shut down due to DTE power loss caused by winter storm.

TABLE #7

Little Lake Area System Purging

MW-53i	
Date	1,4-Dioxane ug/L
04/17/12	63
07/26/12	57
10/09/12	43
02/13/13	51

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
11/02/12	72
12/06/12	56
01/10/13	75
02/01/13	48

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-02-04-13-11:15-1	02/04/13	73
TW-20-02-04-13-11:40-1	02/04/13	860
LB-1-02-04-13-08:25-1	02/04/13	511
LB-3-02-04-13-08:27-1	02/04/13	398
TW-21-02-04-13-11:05-1	02/04/13	145
TW-5-02-04-13-11:10-1	02/04/13	665
TW-9-02-04-13-11:20-1	02/04/13	936
TW-18-02-04-13-11:30-1	02/04/13	288
TW-19-02-04-13-08:29-1	02/04/13	676
TW-22-02-04-13-11:57-1	02/04/13	519
TW-8-02-04-13-11:55-1	02/04/13	420

RED POND DATA

Month of: Feb-13

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Fri-2/1/13	3:05		Y	4.8	-	24.00	599
Sat-2/2/13	3:00	(1)		4.7	-	24.00	603
Sun-2/3/13	3:00	(1)		4.7	-	24.00	604
Mon-2/4/13	3:00		Y	4.8	-	24.00	604
Tue-2/5/13	3:00		Y	4.8	-	24.00	604
Wed-2/6/13	3:00		Y	4.9	-	24.00	603
Thu-2/7/13	3:00		Y	4.9	-	24.00	603
Fri-2/8/13	3:00		Y	4.9	-	24.00	602
Sat-2/9/13	3:00	(1)		4.9	-	24.00	599
Sun-2/10/13	3:00	(1)		4.8	-	24.00	603
Mon-2/11/13	3:00		Y	4.9	-	24.00	603
Tue-2/12/13	3:00		Y	5.0	-	24.00	603
Wed-2/13/13	3:00		Y	5.2	-	24.00	601
Thu-2/14/13	3:00		Y	5.1	-	24.00	601
Fri-2/15/13	3:00		Y	5.2	-	24.00	600
Sat-2/16/13	3:00	(1)		5.2	-	24.00	600
Sun-2/17/13	3:00	(1)		5.1	-	24.00	598
Mon-2/18/13	3:00		Y	5.0	-	24.00	599
Tue-2/19/13	3:00		Y	5.1	-	24.00	599
Wed-2/20/13	3:00		Y	5.0	-	24.00	596
Thu-2/21/13	3:00		Y	4.9	-	24.00	598
Fri-2/22/13	3:00		Y	4.9	-	24.00	599
Sat-2/23/13	3:00	(1)		4.9	-	24.00	600
Sun-2/24/13	3:00	(1)		4.8	-	24.00	599
Mon-2/25/13	3:00		Y	4.8	-	24.00	596
Tue-2/26/13	3:00		Y	4.7	-	24.00	591
Wed-2/27/13	3:00		Y	5.4	-	15.63	405
Thu-2/28/13	3:00		Y	5.2	-	16.67	390
TOTALS			-	-	-	656	

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-02-04-13-08:40-1	2/4/2013	480
Red Pond-02-11-13-08:30-1	2/11/2013	380
Red Pond-02-19-13-08:40-1	2/19/2013	397
Red Pond-02-25-13-08:20-1	2/25/2013	453

OZONE OPERATION REPORT

Month of: Feb-13

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-2/1/13	3:07 AM		230	24.00	0	0.00	360	24.00	0	0.00
Sat-2/2/13	3:00 AM	(1)	230	24.00	0	0.00	360	24.00	0	0.00
Sun-2/3/13	3:00 AM	(1)	230	24.00	0	0.00	359	24.00	0	0.00
Mon-2/4/13	3:00 AM		230	24.00	0	0.00	361	24.00	0	0.00
Tue-2/5/13	3:00 AM		230	24.00	0	0.00	360	24.00	0	0.00
Wed-2/6/13	3:00 AM		229	24.00	0	0.00	360	24.00	0	0.00
Thu-2/7/13	3:00 AM		230	24.00	0	0.00	361	24.00	0	0.00
Fri-2/8/13	3:00 AM		230	24.00	0	0.00	361	24.00	0	0.00
Sat-2/9/13	3:00 AM	(1)	230	24.00	0	0.00	361	24.00	0	0.00
Sun-2/10/13	3:00 AM	(1)	230	24.00	0	0.00	360	24.00	0	0.00
Mon-2/11/13	3:00 AM		230	24.00	0	0.00	360	24.00	0	0.00
Tue-2/12/13	3:00 AM		230	23.85	0	0.00	360	22.98	0	0.00
Wed-2/13/13	3:00 AM		229	24.00	0	0.00	361	24.00	0	0.00
Thu-2/14/13	3:00 AM		230	24.00	0	0.00	360	24.00	0	0.00
Fri-2/15/13	3:00 AM		230	24.00	0	0.00	360	23.63	0	0.00
Sat-2/16/13	3:00 AM	(1)	230	24.00	0	0.00	359	24.00	0	0.00
Sun-2/17/13	3:00 AM	(1)	230	24.00	0	0.00	360	24.00	0	0.00
Mon-2/18/13	3:00 AM		230	24.00	0	0.00	361	24.00	0	0.00
Tue-2/19/13	3:00 AM		230	24.00	0	0.00	360	24.00	0	0.00
Wed-2/20/13	3:00 AM		230	24.00	0	0.00	360	24.00	0	0.00
Thu-2/21/13	3:00 AM		230	24.00	0	0.00	360	24.00	0	0.00
Fri-2/22/13	3:00 AM		230	24.00	0	0.00	361	24.00	0	0.00
Sat-2/23/13	3:00 AM	(1)	230	24.00	0	0.00	360	24.00	0	0.00
Sun-2/24/13	3:00 AM	(1)	230	24.00	0	0.00	361	24.00	0	0.00
Mon-2/25/13	3:00 AM		230	24.00	0	0.00	361	24.00	0	0.00
Tue-2/26/13	3:00 AM		230	22.45	0	0.00	361	22.28	0	0.00
Wed-2/27/13	3:00 AM		230	10.12	0	0.00	376	11.18	0	0.00
Thu-2/28/13	3:00 AM		0	5.35	0	0.00	0	16.58	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.

02/12/13 - Treatment was shut down briefly for maintenance.

02/26/13 - Treatment was shut down for maintenance.

02/27/13-02/28/13 - Treatment was shut down due to DTE power loss caused by winter storm.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: **Feb-13**

			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-2/1/13	3:05 AM		Y	-	-							613	882,407	24.00	-	-	-	-	-	-
Sat-2/2/13	3:00 AM	(1)		-	-							613	882,536	24.00	-	-	-	-	-	-
Sun-2/3/13	3:00 AM	(1)		-	-							613	882,780	24.00	-	-	-	-	-	-
Mon-2/4/13	3:00 AM		Y	-	-							613	883,123	24.00	-	-	-	-	-	-
Tue-2/5/13	3:00 AM		Y	-	-							613	883,295	24.00	-	-	-	-	-	-
Wed-2/6/13	3:00 AM		Y	-	-							613	883,386	24.00	-	-	-	-	-	-
Thu-2/7/13	3:00 AM		Y	-	-							613	883,400	24.00	-	-	-	-	-	-
Fri-2/8/13	3:00 AM		Y	-	-							613	883,220	24.00	-	-	-	-	-	-
Sat-2/9/13	3:00 AM	(1)		-	-							613	883,198	24.00	-	-	-	-	-	-
Sun-2/10/13	3:00 AM	(1)		-	-							614	883,584	24.00	-	-	-	-	-	-
Mon-2/11/13	3:00 AM		Y	-	-							614	883,564	24.00	-	-	-	-	-	-
Tue-2/12/13	3:00 AM		Y	-	-							597	852,822	23.80	-	-	-	-	-	-
Wed-2/13/13	3:00 AM		Y	-	-							614	883,771	24.00	-	-	-	-	-	-
Thu-2/14/13	3:00 AM		Y	-	-							614	883,496	24.00	-	-	-	-	-	-
Fri-2/15/13	3:00 AM		Y	-	-							607	873,540	24.00	-	-	-	-	-	-
Sat-2/16/13	3:00 AM	(1)		-	-							613	883,302	24.00	-	-	-	-	-	-
Sun-2/17/13	3:00 AM	(1)		-	-							613	883,344	24.00	-	-	-	-	-	-
Mon-2/18/13	3:00 AM		Y	-	-							614	883,652	24.00	-	-	-	-	-	-
Tue-2/19/13	3:00 AM		Y	-	-							613	883,417	24.00	-	-	-	-	-	-
Wed-2/20/13	3:00 AM		Y	-	-							613	883,168	24.00	-	-	-	-	-	-
Thu-2/21/13	3:00 AM		Y	-	-							614	883,465	24.00	-	-	-	-	-	-
Fri-2/22/13	3:00 AM		Y	-	-							614	883,543	24.00	-	-	-	-	-	-
Sat-2/23/13	3:00 AM	(1)		-	-							614	883,845	24.00	-	-	-	-	-	-
Sun-2/24/13	3:00 AM	(1)		-	-							614	883,804	24.00	-	-	-	-	-	-
Mon-2/25/13	3:00 AM		Y	-	-							614	884,139	24.00	-	-	-	-	-	-
Tue-2/26/13	3:00 AM		Y	-	-							611	820,090	22.37	-	-	-	-	-	-
Wed-2/27/13	3:00 AM		Y	-	-							577	393,829	11.38	-	-	-	-	-	-
Thu-2/28/13	3:00 AM		Y	-	-							448	447,531	16.67	-	-	-	-	-	-
TOTALS													23,705,251	650						

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
2/1/2013	0.882			100	no	no	6.7		
2/2/2013	0.883								
2/3/2013	0.883		4					0	
2/4/2013	0.883	0.480	4	100	yes	yes	6.7	0	14
2/5/2013*	0.883		3		no	no		0	
2/6/2013*	0.883		0		no	no		0	
2/7/2013	0.883		3	50	no	yes	6.7	0	18
2/8/2013	0.883			100	no	no	6.7		
2/9/2013	0.883								
2/10/2013	0.884		4					0	
2/11/2013	0.884	0.380	4	0	yes	yes	6.7	0	22
2/12/2013	0.853		2	50	no	no	6.7	0	
2/13/2013	0.884		3	0	no	no	6.6	0	
2/14/2013	0.883		3	50	no	yes	6.6	0	10
2/15/2013	0.874			50	no	no	6.6		
2/16/2013	0.883								
2/17/2013	0.883		2					0	
2/18/2013**	0.884		3		no	no		0	
2/19/2013	0.883	0.397	3	100	yes	yes	6.6	0	10
2/20/2013	0.883		3	50	no	no	6.7	0	
2/21/2013	0.883		4	50	no	yes	6.7	0	14
2/22/2013	0.884			50	no	no	6.6		
2/23/2013	0.884								
2/24/2013	0.884		3					0	
2/25/2013	0.884	0.453	2	0	yes	yes	6.6	0	30
2/26/2013	0.820		4	50	no	no	6.6	5	
2/27/2013	0.394		2	50	no	no	6.6	0	
2/28/2013	0.448		3	100	no	yes	6.7	0	20
Discharged (mg)	23.705								
Monthly Avg			3					0	

Bromate: A zero value equals ND (less than 5 ppb)
 Hydrogen Peroxide - A zero value equals ND (less than 100 ppb)
 1-4 Dioxane: A zero value equals ND (less than 1 ppb)

*02/05/13 - 02/06/13 - Operator Annual Training

**02/18/13 - Presidents' Day