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EXTRACTION DATA

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

OZONE OPERATION DATA

- TABLE #11 - OZONE OPERATION REPORT

DISCHARGE DATA

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

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: Dec-16

Date	TW-21			Daily Flow	Daily Total
	TW-21			GPM	Gallons
	Gallons	GPM	Run Hrs.		
Thu-12/1/16	90,125	63	24.00	63	90,125
Fri-12/2/16	93,935	65	24.00	65	93,935
Sat-12/3/16	114,614	80	23.90	80	114,614
Sun-12/4/16	110,320	77	24.00	77	110,320
Mon-12/5/16	93,992	65	24.00	65	93,992
Tue-12/6/16	86,378	60	24.00	60	86,378
Wed-12/7/16	76,258	53	23.90	53	76,258
Thu-12/8/16	71,888	50	24.00	50	71,888
Fri-12/9/16	71,931	50	24.00	50	71,931
Sat-12/10/16	71,950	50	24.00	50	71,950
Sun-12/11/16	71,881	50	24.00	50	71,881
Mon-12/12/16	83,819	58	24.00	58	83,819
Tue-12/13/16	93,465	65	24.00	65	93,465
Wed-12/14/16	77,223	61	21.10	54	77,223
Thu-12/15/16	79,602	61	21.75	55	79,602
Fri-12/16/16	82,741	60	23.02	57	82,741
Sat-12/17/16	81,471	57	24.00	57	81,471
Sun-12/18/16	79,079	55	24.00	55	79,079
Mon-12/19/16	83,634	58	24.00	58	83,634
Tue-12/20/16	85,924	60	23.90	60	85,924
Wed-12/21/16	86,272	60	24.00	60	86,272
Thu-12/22/16	86,314	60	24.00	60	86,314
Fri-12/23/16	86,314	60	24.00	60	86,314
Sat-12/24/16	86,329	60	24.00	60	86,329
Sun-12/25/16	86,350	60	24.00	60	86,350
Mon-12/26/16	81,701	57	24.00	57	81,701
Tue-12/27/16	79,153	55	24.00	55	79,153
Wed-12/28/16	79,106	55	24.00	55	79,106
Thu-12/29/16	79,115	55	24.00	55	79,115
Fri-12/30/16	79,096	55	24.00	55	79,096
Sat-12/31/16	79,095	55	24.00	55	79,095
TOTALS	2,609,075	59	737.57	58	2,609,075

TOTAL VOLUME EXTRACTED :	2,609,075 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	58.45 GPM

12/14-15/16 - TW-21 was shut down due to a DTE Energy power outage in the area.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: Dec-16

Date	LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-12/1/16	144,102	100	24.00	100	144,102
Fri-12/2/16	144,078	100	24.00	100	144,078
Sat-12/3/16	144,039	100	24.00	100	144,039
Sun-12/4/16	144,119	100	23.98	100	144,119
Mon-12/5/16	144,112	100	24.00	100	144,112
Tue-12/6/16	144,102	100	24.00	100	144,102
Wed-12/7/16	144,070	100	24.00	100	144,070
Thu-12/8/16	143,989	100	24.00	100	143,989
Fri-12/9/16	144,111	100	23.98	100	144,111
Sat-12/10/16	144,122	100	24.00	100	144,122
Sun-12/11/16	144,134	100	24.00	100	144,134
Mon-12/12/16	144,066	100	24.00	100	144,066
Tue-12/13/16	144,032	100	24.00	100	144,032
Wed-12/14/16	138,771	100	23.10	96	138,771
Thu-12/15/16	85,285	100	14.28	59	85,285
Fri-12/16/16	144,044	100	24.00	100	144,044
Sat-12/17/16	144,034	100	23.98	100	144,034
Sun-12/18/16	143,973	100	24.00	100	143,973
Mon-12/19/16	143,862	100	24.00	100	143,862
Tue-12/20/16	144,136	100	24.00	100	144,136
Wed-12/21/16	144,067	100	24.00	100	144,067
Thu-12/22/16	144,124	100	23.98	100	144,124
Fri-12/23/16	144,156	100	24.00	100	144,156
Sat-12/24/16	144,034	100	24.00	100	144,034
Sun-12/25/16	144,018	100	24.00	100	144,018
Mon-12/26/16	144,163	100	24.00	100	144,163
Tue-12/27/16	144,137	100	23.98	100	144,137
Wed-12/28/16	144,113	100	24.00	100	144,113
Thu-12/29/16	144,121	100	24.00	100	144,121
Fri-12/30/16	144,091	100	24.00	100	144,091
Sat-12/31/16	144,146	100	24.00	100	144,146
TOTALS	4,402,351	100	733.28	99	4,402,351

TOTAL VOLUME EXTRACTED :	4,402,351 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	98.62 GPM

12/15/16 - LB-4 was shut down for Pond level adjustment.

CORE AREA EXTRACTION DATA

Month of: Dec-16

Core Area Well Extraction										Daily	Daily
Date	TW-2 (Dolph)			TW-14			TW-20			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-12/1/16	11,278	8	24.00	-	-	-	57,422	40	24.00	48	68,700
Fri-12/2/16	11,150	8	23.68	-	-	-	22,944	40	9.58	24	34,094
Sat-12/3/16	11,241	8	23.75	-	-	-	-	-	-	8	11,241
Sun-12/4/16	11,416	8	23.62	-	-	-	-	-	-	8	11,416
Mon-12/5/16	11,585	8	23.75	-	-	-	33,779	40	14.10	32	45,364
Tue-12/6/16	11,712	8	23.78	-	-	-	57,679	40	24.00	48	69,391
Wed-12/7/16	11,515	8	23.78	-	-	-	49,969	40	20.80	43	61,484
Thu-12/8/16	10,693	8	23.18	-	-	-	57,639	40	24.00	47	68,332
Fri-12/9/16	9,155	7	22.25	-	-	-	57,710	40	24.00	46	66,865
Sat-12/10/16	8,630	7	22.03	-	-	-	58,051	40	24.00	46	66,681
Sun-12/11/16	9,015	6	23.17	-	-	-	57,985	40	24.00	47	67,000
Mon-12/12/16	9,300	7	23.80	-	-	-	57,590	40	24.00	46	66,890
Tue-12/13/16	9,362	7	23.75	-	-	-	57,807	40	24.00	47	67,169
Wed-12/14/16	8,711	7	21.10	-	-	-	50,749	40	21.10	41	59,461
Thu-12/15/16	8,526	7	20.65	-	-	-	38,403	40	15.97	33	46,928
Fri-12/16/16	9,532	7	22.92	-	-	-	55,397	40	23.02	45	64,929
Sat-12/17/16	10,508	7	24.00	-	-	-	57,660	40	24.00	47	68,168
Sun-12/18/16	9,856	7	24.00	-	-	-	57,883	40	24.00	47	67,739
Mon-12/19/16	9,876	7	24.00	-	-	-	57,719	40	24.00	47	67,595
Tue-12/20/16	10,673	7	23.80	-	-	-	57,643	40	24.00	47	68,316
Wed-12/21/16	10,894	8	24.00	-	-	-	57,503	40	24.00	47	68,397
Thu-12/22/16	10,872	8	24.00	-	-	-	57,522	40	24.00	47	68,394
Fri-12/23/16	10,967	8	24.00	-	-	-	57,557	40	24.00	48	68,524
Sat-12/24/16	11,061	8	24.00	-	-	-	57,597	40	24.00	48	68,658
Sun-12/25/16	10,815	8	24.00	-	-	-	57,738	40	24.00	48	68,553
Mon-12/26/16	11,489	8	24.00	-	-	-	57,540	40	24.00	48	69,029
Tue-12/27/16	11,352	8	24.00	-	-	-	57,703	40	24.00	48	69,055
Wed-12/28/16	11,465	8	24.00	-	-	-	57,589	40	24.00	48	69,054
Thu-12/29/16	11,921	8	24.00	255	9	0.48	57,540	40	24.00	48	69,716
Fri-12/30/16	11,506	8	24.00	-	-	-	57,807	40	24.00	48	69,313
Sat-12/31/16	11,885	8	24.00	-	-	-	57,985	40	24.00	49	69,870
TOTALS	327,961	7	729.02	255	9	0.48	1,578,110	40	656.57	43	1,906,326

TOTAL VOLUME EXTRACTED :	1,906,326 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	42.70 GPM

12/02-05/16 - TW-20 was shut down for maintenance.
 12/07/16 - TW-20 was shut down for Pond level adjustment.
 12/09-10/16 - TW-2 was shut down briefly for DTE Energy power brown-outs in the area.
 12/14-16/16 - TW-2 & TW-20 were shut down due to a DTE Energy power outage in the area.
 12/29/16 - TW-14 was turned on briefly for flowmeter adjustment.

MARSHY AREA EXTRACTION DATA

Month of: Dec-16

Marshy Well Extraction				Daily Flow	Daily Total
Date	PW-1 Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-12/1/16	-	-	-	-	-
Fri-12/2/16	-	-	-	-	-
Sat-12/3/16	-	-	-	-	-
Sun-12/4/16	-	-	-	-	-
Mon-12/5/16	-	-	-	-	-
Tue-12/6/16	-	-	-	-	-
Wed-12/7/16	-	-	-	-	-
Thu-12/8/16	-	-	-	-	-
Fri-12/9/16	-	-	-	-	-
Sat-12/10/16	-	-	-	-	-
Sun-12/11/16	-	-	-	-	-
Mon-12/12/16	-	-	-	-	-
Tue-12/13/16	-	-	-	-	-
Wed-12/14/16	-	-	-	-	-
Thu-12/15/16	-	-	-	-	-
Fri-12/16/16	-	-	-	-	-
Sat-12/17/16	-	-	-	-	-
Sun-12/18/16	-	-	-	-	-
Mon-12/19/16	-	-	-	-	-
Tue-12/20/16	-	-	-	-	-
Wed-12/21/16	-	-	-	-	-
Thu-12/22/16	-	-	-	-	-
Fri-12/23/16	-	-	-	-	-
Sat-12/24/16	-	-	-	-	-
Sun-12/25/16	-	-	-	-	-
Mon-12/26/16	-	-	-	-	-
Tue-12/27/16	-	-	-	-	-
Wed-12/28/16	3,450	4	14.30	2	3,450
Thu-12/29/16	5,798	4	24.00	4	5,798
Fri-12/30/16	5,795	4	24.00	4	5,795
Sat-12/31/16	5,787	4	24.00	4	5,787
TOTALS	20,830	4	86.30	4	20,830

TOTAL VOLUME EXTRACTED :	20,830 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	0.47 GPM

Flow rate is too low to record accurate run time or GPM when <3.

SOUTHWEST AREA EXTRACTION DATA

Month of: Dec-16

SouthWest Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-12/1/16	31,207	22	24.00	22	31,207
Fri-12/2/16	30,867	21	24.00	21	30,867
Sat-12/3/16	30,797	21	24.00	21	30,797
Sun-12/4/16	30,963	22	24.00	22	30,963
Mon-12/5/16	30,776	21	24.00	21	30,776
Tue-12/6/16	31,253	22	24.00	22	31,253
Wed-12/7/16	31,696	22	24.00	22	31,696
Thu-12/8/16	31,451	22	24.00	22	31,451
Fri-12/9/16	31,110	22	24.00	22	31,110
Sat-12/10/16	31,006	22	24.00	22	31,006
Sun-12/11/16	31,068	22	24.00	22	31,068
Mon-12/12/16	30,960	22	24.00	22	30,960
Tue-12/13/16	30,668	21	24.00	21	30,668
Wed-12/14/16	28,154	22	21.10	20	28,154
Thu-12/15/16	28,970	22	21.50	20	28,970
Fri-12/16/16	33,735	25	22.80	23	33,735
Sat-12/17/16	33,826	23	24.00	23	33,826
Sun-12/18/16	33,800	23	24.00	23	33,800
Mon-12/19/16	33,803	23	24.00	23	33,803
Tue-12/20/16	33,846	24	24.00	24	33,846
Wed-12/21/16	33,850	24	24.00	24	33,850
Thu-12/22/16	33,832	23	24.00	23	33,832
Fri-12/23/16	33,799	23	24.00	23	33,799
Sat-12/24/16	33,781	23	24.00	23	33,781
Sun-12/25/16	33,694	23	24.00	23	33,694
Mon-12/26/16	33,782	23	24.00	23	33,782
Tue-12/27/16	33,771	23	24.00	23	33,771
Wed-12/28/16	33,717	23	24.00	23	33,717
Thu-12/29/16	33,685	23	24.00	23	33,685
Fri-12/30/16	33,339	23	24.00	23	33,339
Sat-12/31/16	33,150	23	24.00	23	33,150
TOTALS	1,000,356	23	737.40	22	1,000,356

TOTAL VOLUME EXTRACTED :	1,000,356 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	22.41 GPM

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

12/14-16/16 - SW extraction was shut down due to a DTE Energy power outage in the area.

UNIT "E" EXTRACTION DATA

Month of: Dec-16

Date	TW-16			TW-18			TW-19			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-12/1/16	39,749	28	24.00	238,192	165	24.00	107,649	75	24.00	268	385,590
Fri-12/2/16	39,802	28	24.00	240,650	167	24.00	107,601	75	24.00	269	388,053
Sat-12/3/16	39,870	28	24.00	262,112	183	23.92	107,542	75	24.00	284	409,524
Sun-12/4/16	39,873	28	24.00	258,588	180	24.00	107,536	75	24.00	282	405,997
Mon-12/5/16	39,786	28	24.00	238,937	166	24.00	107,623	75	24.00	268	386,346
Tue-12/6/16	39,758	28	24.00	226,737	157	24.00	107,651	75	24.00	260	374,146
Wed-12/7/16	39,624	28	23.90	221,159	154	23.92	107,254	75	23.90	256	368,037
Thu-12/8/16	39,806	28	24.00	219,491	152	24.00	107,630	75	24.00	255	366,927
Fri-12/9/16	39,857	28	24.00	219,473	152	24.00	107,583	75	24.00	255	366,913
Sat-12/10/16	39,876	28	24.00	219,475	152	24.00	107,554	75	24.00	255	366,905
Sun-12/11/16	39,842	28	24.00	219,470	152	24.00	107,590	75	24.00	255	366,902
Mon-12/12/16	39,755	28	24.00	230,640	160	24.00	107,677	75	24.00	263	378,072
Tue-12/13/16	39,798	28	24.00	241,308	168	24.00	107,640	75	24.00	270	388,746
Wed-12/14/16	34,989	28	21.10	207,145	164	21.10	94,634	75	21.10	234	336,768
Thu-12/15/16	22,785	28	13.70	213,690	164	21.77	61,917	75	13.80	207	298,392
Fri-12/16/16	38,294	28	23.00	224,287	163	23.00	103,195	75	23.00	254	365,776
Sat-12/17/16	39,868	28	24.00	229,371	159	24.00	107,585	75	24.00	262	376,824
Sun-12/18/16	39,870	28	24.00	226,670	157	24.00	107,593	75	24.00	260	374,133
Mon-12/19/16	40,004	28	24.00	231,105	160	24.00	107,459	75	24.00	263	378,568
Tue-12/20/16	39,805	28	23.90	233,046	162	23.93	107,036	75	23.90	264	379,887
Wed-12/21/16	39,858	28	24.00	233,947	162	24.00	107,600	75	24.00	265	381,405
Thu-12/22/16	39,840	28	24.00	233,925	162	24.00	107,616	75	24.00	265	381,381
Fri-12/23/16	39,906	28	24.00	233,934	162	24.00	107,549	75	24.00	265	381,389
Sat-12/24/16	39,858	28	24.00	233,914	162	24.00	107,599	75	24.00	265	381,371
Sun-12/25/16	39,895	28	24.00	233,927	162	24.00	107,564	75	24.00	265	381,386
Mon-12/26/16	39,839	28	24.00	229,452	159	24.00	107,618	75	24.00	262	376,909
Tue-12/27/16	39,827	28	24.00	226,644	157	24.00	107,622	75	24.00	260	374,093
Wed-12/28/16	39,873	28	24.00	226,597	157	24.00	107,573	75	24.00	260	374,043
Thu-12/29/16	39,810	28	24.00	226,623	157	24.00	107,639	75	24.00	260	374,072
Fri-12/30/16	39,823	28	24.00	226,683	157	24.00	107,635	75	24.00	260	374,141
Sat-12/31/16	39,819	28	24.00	226,608	157	24.00	107,627	75	24.00	260	374,054
TOTALS	1,211,359	28	729.60	7,133,800	161	737.63	3,271,591	75	729.70	260	11,616,750

TOTAL VOLUME EXTRACTED :	11,616,750 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	260.23 GPM

12/14-15/16 - TW-16, TW-18, and TW-19 were shut down due to a DTE Energy power outage in the area.

TABLE #7

Little Lake Area System

MW-53i	
Date	1,4-Dioxane ug/L
09/20/16	57
10/11/16	56
11/10/16	65
12/01/16	79

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
09/12/16	88
10/11/16	70
11/03/16	72
12/01/16	71

Date	Gallons Purged
12/1/2016	28,000

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-12-05-16-07:50-1	12/05/16	98
TW-20-12-05-16-10:20-1	12/05/16	850
LB-4-12-05-16-08:45-1	12/05/16	480
TW-21-12-05-16-07:55-1	12/05/16	170
TW-16-12-05-16-09:29-1	12/05/16	810
TW-18-12-05-16-07:40-1	12/05/16	290
TW-19-12-05-16-09:30-1	12/05/16	640
PW-1-12-05-16-11:00-1	12/05/16	890
TW-22-12-05-16-08:15-1	12/05/16	450
TW-8-12-05-16-08:17-1	12/05/16	700

RED POND DATA

Month of: Dec-16

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Thu-12/1/16	3:05		Y	4.7	-	24.00	500
Fri-12/2/16	3:00		Y	5.0	-	24.00	480
Sat-12/3/16	3:00	(1)		4.9	-	24.00	493
Sun-12/4/16	3:00	(1)		5.0	-	24.00	488
Mon-12/5/16	3:00		Y	5.1	-	24.00	487
Tue-12/6/16	3:00		Y	5.1	-	24.00	490
Wed-12/7/16	3:00		Y	5.1	-	24.00	473
Thu-12/8/16	3:00		Y	5.5	-	24.00	474
Fri-12/9/16	3:00		Y	5.2	-	24.00	473
Sat-12/10/16	3:00	(1)		4.9	-	24.00	473
Sun-12/11/16	3:00	(1)		4.6	-	24.00	473
Mon-12/12/16	3:00		Y	4.4	-	24.00	489
Tue-12/13/16	3:00		Y	4.3	-	24.00	503
Wed-12/14/16	3:00		Y	4.5	-	23.10	462
Thu-12/15/16	3:00		Y	4.6	-	21.77	413
Fri-12/16/16	3:00		Y	4.8	-	24.00	480
Sat-12/17/16	3:00	(1)		5.2	-	24.00	489
Sun-12/18/16	3:00	(1)		5.1	-	24.00	485
Mon-12/19/16	3:00		Y	5.0	-	24.00	491
Tue-12/20/16	3:00		Y	5.0	-	24.00	495
Wed-12/21/16	3:00		Y	5.0	-	24.00	496
Thu-12/22/16	3:00		Y	5.0	-	24.00	496
Fri-12/23/16	3:00		Y	5.0	-	24.00	496
Sat-12/24/16	3:00	(1)		5.1	-	24.00	496
Sun-12/25/16	3:00	(1)		5.1	-	24.00	496
Mon-12/26/16	3:00		Y	5.2	-	24.00	490
Tue-12/27/16	3:00		Y	5.2	-	24.00	486
Wed-12/28/16	3:00		Y	5.1	-	24.00	489
Thu-12/29/16	3:00		Y	5.0	-	24.00	491
Fri-12/30/16	3:00		Y	5.0	-	24.00	490
Sat-12/31/16	3:00	(1)		4.9	-	24.00	490
TOTALS			-	-	-	741	

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-12-05-16-06:25-1	12/5/2016	430
Red Pond-12-12-16-08:50-1	12/12/2016	420
Red Pond-12-19-16-07:40-1	12/19/2016	440
Red Pond-12-27-16-08:59-1	12/27/2016	460

Analyte value quantified from a dilution, reporting limit is raised to 10 ppb to reflect dilution

OZONE OPERATION REPORT

Month of: Dec-16

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
Thu-12/1/16	3:07 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-12/2/16	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Sat-12/3/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-12/4/16	3:00 AM	(1)	240	23.83	0	0.00	240	23.85	0	0.00
Mon-12/5/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Tue-12/6/16	3:00 AM		241	24.00	0	0.00	241	24.00	0	0.00
Wed-12/7/16	3:00 AM		240	21.97	0	0.00	240	22.10	0	0.00
Thu-12/8/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-12/9/16	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Sat-12/10/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-12/11/16	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-12/12/16	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Tue-12/13/16	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Wed-12/14/16	3:00 AM		240	2.10	0	0.00	240	21.10	0	0.00
Thu-12/15/16	3:00 AM		240	20.70	0	0.00	240	14.93	0	0.00
Fri-12/16/16	3:00 AM		240	22.15	0	0.00	240	22.02	0	0.00
Sat-12/17/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-12/18/16	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-12/19/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Tue-12/20/16	3:00 AM		240	24.00	0	0.00	239	24.00	0	0.00
Wed-12/21/16	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Thu-12/22/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-12/23/16	3:00 AM		240	23.98	0	0.00	241	24.00	0	0.00
Sat-12/24/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-12/25/16	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-12/26/16	3:00 AM		240	23.73	0	0.00	240	23.77	0	0.00
Tue-12/27/16	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Wed-12/28/16	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Thu-12/29/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-12/30/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-12/31/16	3:00 AM	(1)	240	24.00	0	0.00	240	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.

12/7/16 - Treatment was shut down briefly for maintenance.

12/14-16/16 - Treatment was shut down due to DTE Energy power outage in the area.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: Dec-16

			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	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		
Thu-12/1/16	3:05 AM		Y	-	-							500	719,749	24.00	-	-	-	-	-	-
Fri-12/2/16	3:00 AM		Y	-	-							500	719,689	24.00	-	-	-	-	-	-
Sat-12/3/16	3:00 AM	(1)		-	-							500	719,429	24.00	-	-	-	-	-	-
Sun-12/4/16	3:00 AM	(1)		-	-							496	714,135	24.00	-	-	-	-	-	-
Mon-12/5/16	3:00 AM		Y	-	-							500	719,651	24.00	-	-	-	-	-	-
Tue-12/6/16	3:00 AM		Y	-	-							500	719,580	24.00	-	-	-	-	-	-
Wed-12/7/16	3:00 AM		Y	-	-							490	647,767	22.05	-	-	-	-	-	-
Thu-12/8/16	3:00 AM		Y	-	-							499	718,028	24.00	-	-	-	-	-	-
Fri-12/9/16	3:00 AM		Y	-	-							499	718,222	24.00	-	-	-	-	-	-
Sat-12/10/16	3:00 AM	(1)		-	-							499	718,204	24.00	-	-	-	-	-	-
Sun-12/11/16	3:00 AM	(1)		-	-							499	718,266	24.00	-	-	-	-	-	-
Mon-12/12/16	3:00 AM		Y	-	-							499	718,864	24.00	-	-	-	-	-	-
Tue-12/13/16	3:00 AM		Y	-	-							499	718,592	24.00	-	-	-	-	-	-
Wed-12/14/16	3:00 AM		Y	-	-							465	588,184	21.10	-	-	-	-	-	-
Thu-12/15/16	3:00 AM		Y	-	-							465	575,640	20.65	-	-	-	-	-	-
Fri-12/16/16	3:00 AM		Y	-	-							498	658,789	22.07	-	-	-	-	-	-
Sat-12/17/16	3:00 AM	(1)		-	-							499	718,282	24.00	-	-	-	-	-	-
Sun-12/18/16	3:00 AM	(1)		-	-							499	718,213	24.00	-	-	-	-	-	-
Mon-12/19/16	3:00 AM		Y	-	-							498	717,801	24.00	-	-	-	-	-	-
Tue-12/20/16	3:00 AM		Y	-	-							499	718,226	24.00	-	-	-	-	-	-
Wed-12/21/16	3:00 AM		Y	-	-							498	717,142	24.00	-	-	-	-	-	-
Thu-12/22/16	3:00 AM		Y	-	-							499	718,832	24.00	-	-	-	-	-	-
Fri-12/23/16	3:00 AM		Y	-	-							497	715,971	24.00	-	-	-	-	-	-
Sat-12/24/16	3:00 AM	(1)		-	-							500	719,438	24.00	-	-	-	-	-	-
Sun-12/25/16	3:00 AM	(1)		-	-							499	719,127	24.00	-	-	-	-	-	-
Mon-12/26/16	3:00 AM		Y	-	-							499	709,640	23.72	-	-	-	-	-	-
Tue-12/27/16	3:00 AM		Y	-	-							499	719,059	24.00	-	-	-	-	-	-
Wed-12/28/16	3:00 AM		Y	-	-							499	719,237	24.00	-	-	-	-	-	-
Thu-12/29/16	3:00 AM		Y	-	-							500	719,632	24.00	-	-	-	-	-	-
Fri-12/30/16	3:00 AM		Y	-	-							499	719,093	24.00	-	-	-	-	-	-
Sat-12/31/16	3:00 AM	(1)		-	-							500	719,442	24.00	-	-	-	-	-	-
TOTALS													21,861,924	734						

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)	Quarterly	(Effluent - Outfall)	(Influent - Red Pond)	(Effluent - Outfall)	(Weekly)	(2 x Week)	(4 x Week)	(4 x Week)	(5 X Week)	(2 X Week)	
PARAMETER NAME	Flow	Total Barium	Total Barium	1,4-Dioxane	1,4-Dioxane	Hydrogen Peroxide (measured as TRO)	Outfall Observation	Equipment Inspection	pH (Min. Daily)	pH (Max. Daily)	Bromate	Sodium Bisulfite Dose Rate
PARAMETER CODE	50050	1007	1007	82388	82388	00139	84130	46478	00400	00400	99814	99798
MONITORING PT.	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A	001A
STAGE CODE	1	1	1	1	G	1	1	1	1	1	1	1
UNIT	MGD	ug/l	lbs/day	ug/l	mg/l	ug/l	yes/no	yes/no	S.U.	S.U.	ug/l	mg/l
12/1/2016	0.720	*G	*G	4.5		<100	no	no	6.8	6.8	7.3	25
12/2/2016	0.720					<100	no	no	6.7	6.7		35
12/3/2016	0.719											
12/4/2016	0.714			3.9							6.8	
12/5/2016	0.720			3.6	0.430	<100	yes	yes	6.7	6.7	6.6	22
12/6/2016	0.720			3.8		<100	no	no	6.9	6.9	7.4	
12/7/2016	0.648			4		<100	no	yes	6.7	6.7	5.8	34
12/8/2016	0.718			4.2		<100	no	no	6.7	6.7	7	
12/9/2016	0.718					<100	no	no	6.7	6.7		
12/10/2016	0.718											
12/11/2016	0.718			4.6							7.2	
12/12/2016	0.719			4.5	0.420	<100	yes	yes	6.7	6.7	7	45
12/13/2016	0.719			4.0		<100	no	no	6.7	6.7	6.3	
12/14/2016	0.588			4		<100	no	yes	6.7	6.7	6.5	34
12/15/2016	0.576			3.6		<100	no	no	6.7	6.7	6.8	
12/16/2016	0.659					<100	no	no	6.7	6.7		
12/17/2016	0.718											
12/18/2016	0.718			4.3							7.5	
12/19/2016	0.718			4.5	0.440	<100	yes	yes	6.8	6.8	5.2	30
12/20/2016	0.718			4.2		<100	no	no	6.8	6.8	5.4	
12/21/2016	0.717			4.4		<100	no	yes	6.8	6.8	6.8	40
12/22/2016	0.719			4.2		<100	no	no	6.8	6.8	7.4	
12/23/2016	0.716					<100	no	no	6.7	6.7		
12/24/2016	0.719											
12/25/2016	0.719			4							5.7	
12/26/2016	0.710			4.3							6.2	
12/27/2016	0.719			4.6	0.460	<100	yes	yes	6.5	6.5	6.7	50
12/28/2016	0.719			4.5		<100	no	no	6.6	6.6	5.3	
12/29/2016	0.720			4.7		<100	no	yes	6.7	6.7	6.2	50
12/30/2016	0.719					<100	no	no	6.7	6.7		
12/31/2016	0.719											
Discharged	21.862											
Monthly Avg				4.2							6.5	