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UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: Sep-16

Date	TW-9			TW-21			Daily Flow	Daily Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
	Thu-9/1/16	-	-	-	72,184	50	24.00	50
Fri-9/2/16	-	-	-	72,175	50	24.00	50	72,175
Sat-9/3/16	-	-	-	72,110	50	24.00	50	72,110
Sun-9/4/16	-	-	-	72,109	50	24.00	50	72,109
Mon-9/5/16	-	-	-	72,221	50	24.00	50	72,221
Tue-9/6/16	-	-	-	77,893	54	24.00	54	77,893
Wed-9/7/16	-	-	-	79,416	55	24.00	55	79,416
Thu-9/8/16	-	-	-	79,425	55	24.00	55	79,425
Fri-9/9/16	-	-	-	79,487	55	24.00	55	79,487
Sat-9/10/16	-	-	-	79,306	55	24.00	55	79,306
Sun-9/11/16	-	-	-	79,266	55	24.00	55	79,266
Mon-9/12/16	-	-	-	79,254	55	24.00	55	79,254
Tue-9/13/16	-	-	-	73,585	51	24.00	51	73,585
Wed-9/14/16	-	-	-	72,170	50	24.00	50	72,170
Thu-9/15/16	-	-	-	72,090	50	24.00	50	72,090
Fri-9/16/16	-	-	-	72,178	50	24.00	50	72,178
Sat-9/17/16	-	-	-	72,114	50	24.00	50	72,114
Sun-9/18/16	-	-	-	72,167	50	24.00	50	72,167
Mon-9/19/16	-	-	-	72,113	50	24.00	50	72,113
Tue-9/20/16	-	-	-	72,171	50	24.00	50	72,171
Wed-9/21/16	-	-	-	71,863	50	23.90	50	71,863
Thu-9/22/16	-	-	-	72,271	50	24.00	50	72,271
Fri-9/23/16	-	-	-	72,189	50	24.00	50	72,189
Sat-9/24/16	-	-	-	72,030	50	24.00	50	72,030
Sun-9/25/16	-	-	-	72,082	50	24.00	50	72,082
Mon-9/26/16	-	-	-	72,133	50	24.00	50	72,133
Tue-9/27/16	-	-	-	74,993	52	24.00	52	74,993
Wed-9/28/16	-	-	-	79,236	55	24.00	55	79,236
Thu-9/29/16	13,017	45	4.85	67,524	55	20.45	56	80,541
Fri-9/30/16	-	-	-	76,518	53	24.00	53	76,518
<b>TOTALS</b>	<b>13,017</b>	<b>45</b>	<b>4.85</b>	<b>2,224,273</b>	<b>52</b>	<b>716.35</b>	<b>52</b>	<b>2,237,290</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>2,237,290 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>51.79 GPM</b>

09/29/16 - TW-21 was down briefly due to a DTE Energy power loss and TW-9 was turned on to maintain the Pond level.

**UNIT D2 DOWNGRADIENT EXTRACTION DATA**

**Month of: Sep-16**

Date	LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-9/1/16	143,496	100	24.00	100	143,496
Fri-9/2/16	144,366	100	24.00	100	144,366
Sat-9/3/16	144,322	100	23.98	100	144,322
Sun-9/4/16	144,185	100	24.00	100	144,185
Mon-9/5/16	144,302	100	24.00	100	144,302
Tue-9/6/16	144,077	100	24.00	100	144,077
Wed-9/7/16	144,137	100	24.00	100	144,137
Thu-9/8/16	144,247	100	23.98	100	144,247
Fri-9/9/16	144,294	100	24.00	100	144,294
Sat-9/10/16	144,094	100	24.00	100	144,094
Sun-9/11/16	143,911	100	24.00	100	143,911
Mon-9/12/16	143,903	100	24.00	100	143,903
Tue-9/13/16	143,941	100	23.98	100	143,941
Wed-9/14/16	144,092	100	24.00	100	144,092
Thu-9/15/16	143,990	100	24.00	100	143,990
Fri-9/16/16	144,098	100	24.00	100	144,098
Sat-9/17/16	143,944	100	24.00	100	143,944
Sun-9/18/16	144,071	100	23.98	100	144,071
Mon-9/19/16	143,998	100	24.00	100	143,998
Tue-9/20/16	143,978	100	24.00	100	143,978
Wed-9/21/16	144,041	100	24.00	100	144,041
Thu-9/22/16	143,576	100	24.00	100	143,576
Fri-9/23/16	143,905	100	23.98	100	143,905
Sat-9/24/16	144,045	100	24.00	100	144,045
Sun-9/25/16	144,138	100	24.00	100	144,138
Mon-9/26/16	144,034	100	23.98	100	144,034
Tue-9/27/16	144,031	100	24.00	100	144,031
Wed-9/28/16	144,067	100	24.00	100	144,067
Thu-9/29/16	144,038	100	24.00	100	144,038
Fri-9/30/16	144,075	100	24.00	100	144,075
<b>TOTALS</b>	<b>4,321,396</b>	<b>100</b>	<b>719.88</b>	<b>100</b>	<b>4,321,396</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>4,321,396 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>100.03 GPM</b>

**CORE AREA EXTRACTION DATA**

Month of: **Sep-16**

Core Area Well Extraction											Daily	Daily
Date	TW-2 (Dolph)			TW-10			TW-20			Flow GPM	Total Gallons	
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.			
Thu-9/1/16	21,001	15	24.00	-	-	-	57,348	40	24.00	54	78,349	
Fri-9/2/16	20,863	14	24.00	-	-	-	57,295	40	24.00	54	78,158	
Sat-9/3/16	20,764	14	24.00	-	-	-	57,845	40	24.00	55	78,609	
Sun-9/4/16	20,638	14	24.00	-	-	-	57,764	40	24.00	54	78,402	
Mon-9/5/16	20,525	14	24.00	-	-	-	57,749	40	24.00	54	78,274	
Tue-9/6/16	20,484	14	24.00	-	-	-	57,873	40	24.00	54	78,357	
Wed-9/7/16	20,431	14	23.78	-	-	-	58,018	40	24.00	54	78,449	
Thu-9/8/16	20,346	14	24.00	-	-	-	58,004	40	24.00	54	78,350	
Fri-9/9/16	20,140	14	23.80	-	-	-	57,966	40	24.00	54	78,106	
Sat-9/10/16	20,123	14	23.75	-	-	-	57,874	40	23.98	54	77,997	
Sun-9/11/16	19,648	14	23.77	-	-	-	57,815	40	24.00	54	77,463	
Mon-9/12/16	19,576	14	24.00	-	-	-	57,777	40	24.00	54	77,353	
Tue-9/13/16	19,529	14	23.77	-	-	-	57,777	40	24.00	54	77,306	
Wed-9/14/16	19,235	14	23.70	-	-	-	57,777	40	24.00	53	77,012	
Thu-9/15/16	19,121	13	23.72	-	-	-	57,777	40	24.00	53	76,898	
Fri-9/16/16	19,138	13	23.70	-	-	-	57,777	40	24.00	53	76,915	
Sat-9/17/16	19,115	13	23.80	-	-	-	57,777	40	24.00	53	76,892	
Sun-9/18/16	18,836	13	23.67	-	-	-	57,777	40	24.00	53	76,613	
Mon-9/19/16	18,682	13	23.77	-	-	-	57,777	40	24.00	53	76,459	
Tue-9/20/16	18,472	13	23.75	-	-	-	57,777	40	24.00	53	76,249	
Wed-9/21/16	18,349	13	23.72	-	-	-	57,777	40	24.00	53	76,126	
Thu-9/22/16	18,294	13	23.72	-	-	-	57,777	40	24.00	53	76,071	
Fri-9/23/16	18,145	13	23.73	-	-	-	57,777	40	24.00	53	75,922	
Sat-9/24/16	17,884	13	23.70	-	-	-	57,777	40	24.00	53	75,661	
Sun-9/25/16	17,878	13	23.73	-	-	-	57,777	40	24.00	53	75,655	
Mon-9/26/16	17,899	13	23.75	-	-	-	57,777	40	24.00	53	75,676	
Tue-9/27/16	17,795	13	23.70	-	-	-	57,777	40	24.00	52	75,572	
Wed-9/28/16	17,227	12	24.00	-	-	-	57,777	40	24.00	52	75,004	
Thu-9/29/16	16,304	11	23.77	57,151	75	12.68	57,777	40	24.00	91	131,232	
Fri-9/30/16	16,639	12	24.00	34,062	75	7.57	57,777	40	24.00	75	108,478	
<b>TOTALS</b>	<b>573,081</b>	<b>13</b>	<b>714.78</b>	<b>91,213</b>	<b>75</b>	<b>20.25</b>	<b>1,733,314</b>	<b>40</b>	<b>719.98</b>	<b>56</b>	<b>2,397,608</b>	

<b>TOTAL VOLUME EXTRACTED :</b>	<b>2,397,608 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>55.50 GPM</b>

NOTE: TW-20's flow meter indicated the correct flow of 40 GPM but did not register extracted gallons properly beginning Sept 12. The average extracted gallons for the first twelve days was 57,777 GPD. This daily value was used for the balance of the month.

09/29/16-09/30/16 - TW-10 was turned on briefly to maintain the Pond level.

**MARSHY AREA EXTRACTION DATA**

**Month of: Sep-16**

Marshy Well Extraction				Daily	Daily
Date	PW-1 Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-9/1/16	11		-	0	11
Fri-9/2/16	12		-	0	12
Sat-9/3/16	12		-	0	12
Sun-9/4/16	12		-	0	12
Mon-9/5/16	13		-	0	13
Tue-9/6/16	2,555	3	13.75	2	2,555
Wed-9/7/16	4,613	3	24.00	3	4,613
Thu-9/8/16	4,706	3	24.00	3	4,706
Fri-9/9/16	4,734	3	24.00	3	4,734
Sat-9/10/16	4,742	3	24.00	3	4,742
Sun-9/11/16	4,717	3	24.00	3	4,717
Mon-9/12/16	4,717	3	24.00	3	4,717
Tue-9/13/16	4,740	3	24.00	3	4,740
Wed-9/14/16	4,800	3	24.00	3	4,800
Thu-9/15/16	4,863	3	24.00	3	4,863
Fri-9/16/16	4,829	3	24.00	3	4,829
Sat-9/17/16	4,944	3	24.00	3	4,944
Sun-9/18/16	4,936	3	24.00	3	4,936
Mon-9/19/16	4,938	3	24.00	3	4,938
Tue-9/20/16	4,950	3	24.00	3	4,950
Wed-9/21/16	4,924	3	24.00	3	4,924
Thu-9/22/16	4,903	3	24.00	3	4,903
Fri-9/23/16	4,971	3	24.00	3	4,971
Sat-9/24/16	4,878	3	24.00	3	4,878
Sun-9/25/16	4,882	3	24.00	3	4,882
Mon-9/26/16	5,014	3	24.00	3	5,014
Tue-9/27/16	4,954	3	24.00	3	4,954
Wed-9/28/16	4,869	3	24.00	3	4,869
Thu-9/29/16	4,906	3	24.00	3	4,906
Fri-9/30/16	4,891	3	24.00	3	4,891
<b>TOTALS</b>	<b>119,036</b>	<b>3</b>	<b>589.75</b>	<b>3</b>	<b>119,036</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>119,036 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>2.76 GPM</b>

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

**SOUTHWEST AREA EXTRACTION DATA**

Month of: **Sep-16**

SouthWest Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-9/1/16	34,229	24	24.00	24	34,229
Fri-9/2/16	34,224	24	24.00	24	34,224
Sat-9/3/16	34,209	24	24.00	24	34,209
Sun-9/4/16	34,207	24	24.00	24	34,207
Mon-9/5/16	34,201	24	24.00	24	34,201
Tue-9/6/16	34,172	24	24.00	24	34,172
Wed-9/7/16	34,146	24	24.00	24	34,146
Thu-9/8/16	34,133	24	24.00	24	34,133
Fri-9/9/16	34,099	24	24.00	24	34,099
Sat-9/10/16	34,341	24	24.00	24	34,341
Sun-9/11/16	34,505	24	24.00	24	34,505
Mon-9/12/16	34,514	24	24.00	24	34,514
Tue-9/13/16	34,501	24	24.00	24	34,501
Wed-9/14/16	34,498	24	24.00	24	34,498
Thu-9/15/16	34,496	24	24.00	24	34,496
Fri-9/16/16	34,502	24	24.00	24	34,502
Sat-9/17/16	34,488	24	24.00	24	34,488
Sun-9/18/16	34,479	24	24.00	24	34,479
Mon-9/19/16	34,492	24	24.00	24	34,492
Tue-9/20/16	34,458	24	24.00	24	34,458
Wed-9/21/16	34,447	24	24.00	24	34,447
Thu-9/22/16	34,418	24	24.00	24	34,418
Fri-9/23/16	34,433	24	24.00	24	34,433
Sat-9/24/16	34,402	24	24.00	24	34,402
Sun-9/25/16	34,402	24	24.00	24	34,402
Mon-9/26/16	34,412	24	24.00	24	34,412
Tue-9/27/16	34,454	24	24.00	24	34,454
Wed-9/28/16	34,443	24	24.00	24	34,443
Thu-9/29/16	33,824	23	24.00	23	33,824
Fri-9/30/16	33,652	23	24.00	23	33,652
<b>TOTALS</b>	<b>1,029,781</b>	<b>24</b>	<b>720.00</b>	<b>24</b>	<b>1,029,781</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>1,029,781 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>23.84 GPM</b>

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

**TABLE #6**

**UNIT "E" EXTRACTION DATA**

Month of: Sep-16

Date	TW-16			TW-17			TW-18			TW-19			Daily Flow GPM	Daily Total Gallons
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.		
Thu-9/1/16	40,388	28	24.00	-	-	-	219,367	152	24.00	106,966	74	24.00	255	366,721
Fri-9/2/16	40,410	28	24.00	-	-	-	219,364	152	24.00	106,953	74	24.00	255	366,727
Sat-9/3/16	40,401	28	24.00	-	-	-	219,369	152	24.00	106,945	74	24.00	255	366,715
Sun-9/4/16	40,374	28	24.00	-	-	-	219,388	152	24.00	106,977	74	24.00	255	366,739
Mon-9/5/16	40,379	28	24.00	-	-	-	219,435	152	24.00	106,972	74	24.00	255	366,786
Tue-9/6/16	40,370	28	24.00	-	-	-	224,901	156	24.00	106,973	74	24.00	259	372,244
Wed-9/7/16	40,351	28	24.00	-	-	-	226,714	157	24.00	106,992	74	24.00	260	374,057
Thu-9/8/16	40,347	28	24.00	-	-	-	226,666	157	24.00	106,992	74	24.00	260	374,005
Fri-9/9/16	40,369	28	24.00	-	-	-	226,716	157	24.00	106,984	74	24.00	260	374,069
Sat-9/10/16	40,353	28	24.00	-	-	-	226,544	157	24.00	106,995	74	24.00	260	373,892
Sun-9/11/16	40,379	28	24.00	-	-	-	226,633	157	24.00	106,971	74	24.00	260	373,983
Mon-9/12/16	40,416	28	24.00	-	-	-	226,671	157	24.00	106,943	74	24.00	260	374,030
Tue-9/13/16	40,342	28	23.90	-	-	-	221,166	154	24.00	106,637	74	23.90	256	368,145
Wed-9/14/16	40,474	28	24.00	-	-	-	219,426	152	24.00	106,876	74	24.00	255	366,776
Thu-9/15/16	40,424	28	24.00	-	-	-	219,395	152	24.00	106,933	74	24.00	255	366,752
Fri-9/16/16	40,419	28	24.00	-	-	-	219,409	152	24.00	106,938	74	24.00	255	366,766
Sat-9/17/16	40,394	28	24.00	-	-	-	219,373	152	24.00	106,953	74	24.00	255	366,720
Sun-9/18/16	40,388	28	24.00	-	-	-	219,417	152	24.00	106,961	74	24.00	255	366,766
Mon-9/19/16	40,405	28	24.00	-	-	-	219,401	152	24.00	106,949	74	24.00	255	366,755
Tue-9/20/16	40,405	28	24.00	-	-	-	219,408	152	24.00	106,935	74	24.00	255	366,748
Wed-9/21/16	39,965	28	23.80	-	-	-	218,752	152	23.95	105,960	74	23.80	253	364,677
Thu-9/22/16	40,242	28	24.00	-	-	-	219,455	152	24.00	107,106	74	24.00	255	366,803
Fri-9/23/16	40,218	28	24.00	-	-	-	219,413	152	24.00	107,135	74	24.00	255	366,766
Sat-9/24/16	40,214	28	24.00	-	-	-	219,379	152	24.00	107,142	74	24.00	255	366,735
Sun-9/25/16	40,231	28	24.00	-	-	-	219,403	152	24.00	107,132	74	24.00	255	366,766
Mon-9/26/16	40,167	28	24.00	-	-	-	219,385	152	24.00	107,195	74	24.00	255	366,747
Tue-9/27/16	40,163	28	24.00	-	-	-	222,041	154	24.00	107,207	74	24.00	257	369,411
Wed-9/28/16	40,155	28	24.00	-	-	-	226,666	157	24.00	107,214	74	24.00	260	374,035
Thu-9/29/16	40,184	28	24.00	56,372	75	12.52	99,268	157	10.53	107,183	74	24.00	210	303,007
Fri-9/30/16	40,204	28	24.00	34,718	75	7.72	152,733	152	16.72	107,171	74	24.00	233	334,826
<b>TOTALS</b>	<b>1,209,531</b>	<b>28</b>	<b>719.70</b>	<b>91,090</b>	<b>75</b>	<b>20.23</b>	<b>6,455,258</b>	<b>154</b>	<b>699.20</b>	<b>3,209,290</b>	<b>74</b>	<b>719.70</b>	<b>254</b>	<b>10,965,169</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>10,965,169 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>253.82 GPM</b>

09/29/16-09/30/16 - TW-17 was turned on briefly to maintain the Pond level while TW-18 was down due to a DTE Energy power outage.

**TABLE #7**

**Little Lake Area System**

MW-53i	
Date	1,4-Dioxane ug/L
06/02/16	56
07/26/16	58
08/24/16	71
09/20/16	57

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
06/02/16	76
07/26/16	62
08/24/16	67
09/12/16	88

Date	Gallons Purged
9/1/2016	28,000





**TABLE #8**

**INDIVIDUAL PURGE WELL CONCENTRATIONS**

<b>SAMPLE ID</b>	<b>Date Sampled</b>	<b>1,4-DIOXANE (ppb)</b>
DOLPH-09-06-16-11:16-1	09/06/16	94
TW-20-09-06-16-11:20-1	09/06/16	700
LB-4-09-06-16-09:00-1	09/06/16	500
TW-21-09-06-16-11:10-1	09/06/16	160
TW-16-09-06-16-10:56-1	09/06/16	660
TW-18-09-06-16-11:25-1	09/06/16	300
TW-19-09-06-16-10:55-1	09/06/16	560
PW-1-09-06-16-11:27-1	09/06/16	870
TW-22-09-06-16-10:31-1	09/06/16	450
TW-8-09-06-16-10:31-1	09/06/16	580

**RED POND DATA**

Month of: **Sep-16**

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Thu-9/1/16	3:05		Y	4.9	-	24.00	483
Fri-9/2/16	3:00		Y	5.1	-	24.00	483
Sat-9/3/16	3:00	(1)		5.0	-	24.00	483
Sun-9/4/16	3:00	(1)		4.8	-	24.00	483
Mon-9/5/16	3:00	(1)		4.7	-	24.00	483
Tue-9/6/16	3:00		Y	4.6	-	24.00	493
Wed-9/7/16	3:00		Y	4.6	-	24.00	496
Thu-9/8/16	3:00		Y	4.7	-	24.00	496
Fri-9/9/16	3:00		Y	4.8	-	24.00	496
Sat-9/10/16	3:00	(1)		5.0	-	24.00	496
Sun-9/11/16	3:00	(1)		5.5	-	24.00	496
Mon-9/12/16	3:00		Y	5.5	-	24.00	496
Tue-9/13/16	3:00		Y	5.6	-	24.00	488
Wed-9/14/16	3:00		Y	5.5	-	24.00	486
Thu-9/15/16	3:00		Y	5.5	-	24.00	485
Fri-9/16/16	3:00		Y	5.4	-	24.00	486
Sat-9/17/16	3:00	(1)		5.3	-	24.00	485
Sun-9/18/16	3:00	(1)		5.2	-	24.00	485
Mon-9/19/16	3:00		Y	5.2	-	24.00	485
Tue-9/20/16	3:00		Y	5.1	-	24.00	485
Wed-9/21/16	3:00		Y	5.0	-	24.00	483
Thu-9/22/16	3:00		Y	4.9	-	24.00	485
Fri-9/23/16	3:00		Y	5.0	-	24.00	485
Sat-9/24/16	3:00	(1)		4.9	-	24.00	485
Sun-9/25/16	3:00	(1)		4.9	-	24.00	485
Mon-9/26/16	3:00		Y	4.8	-	24.00	485
Tue-9/27/16	3:00		Y	4.7	-	24.00	488
Wed-9/28/16	3:00		Y	4.6	-	24.00	494
Thu-9/29/16	3:00		Y	4.7	-	24.00	484
Fri-9/30/16	3:00		Y	5.2	-	24.00	488
<b>TOTALS</b>			-		-	720	

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

<b>SAMPLE ID</b>	<b>Date Sampled</b>	<b>1,4-DIOXANE (ppb)</b>
Red Pond-09-06-16-08:05-1	9/6/2016	460
Red Pond-09-12-16-06:15-1	9/12/2016	450
Red Pond-09-19-16-08:10-1	9/19/2016	460
Red Pond-09-26-16-07:20-1	9/26/2016	360

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

OZONE OPERATION REPORT

Month of: Sep-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-9/1/16	3:07 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-9/2/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-9/3/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-9/4/16	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-9/5/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Tue-9/6/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-9/7/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Thu-9/8/16	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Fri-9/9/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-9/10/16	3:00 AM	(1)	240	22.65	0	0.00	240	22.68	0	0.00
Sun-9/11/16	3:00 AM	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Mon-9/12/16	3:00 AM		241	24.00	0	0.00	240	24.00	0	0.00
Tue-9/13/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-9/14/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Thu-9/15/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-9/16/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-9/17/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-9/18/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Mon-9/19/16	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Tue-9/20/16	3:00 AM		239	24.00	0	0.00	241	24.00	0	0.00
Wed-9/21/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Thu-9/22/16	3:00 AM		239	22.88	0	0.00	240	23.88	0	0.00
Fri-9/23/16	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Sat-9/24/16	3:00 AM	(1)	240	23.78	0	0.00	239	23.82	0	0.00
Sun-9/25/16	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Mon-9/26/16	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Tue-9/27/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-9/28/16	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Thu-9/29/16	3:00 AM		240	23.08	0	0.00	242	23.12	0	0.00
Fri-9/30/16	3:00 AM		240	22.72	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.

09/10/16 - Treatment was shut down briefly due to intermittent DTE Energy power outages caused by storms in the area.

09/22/16 - System 1A was shut down briefly for maintenance.

09/30/16 - System 1A was shut down briefly for maintenance.



**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
9/1/2016	0.720	*G	*G	4.9		<100	yes	yes	6.7	6.7	5.6	40
9/2/2016	0.720					<100	no	no	6.8	6.8		30
9/3/2016	0.720											
9/4/2016	0.720			4.7							5.4	
9/5/2016	0.720			4.9			no	no			<5	
9/6/2016	0.720			5.9	0.460	<100	yes	yes	6.8	6.8	<5	20
9/7/2016	0.720			6.0		<100	no	no	6.8	6.8	6.1	25
9/8/2016	0.720			5.6		<100	no	yes	6.8	6.8	<5	60
9/9/2016	0.720					<100	no	no	6.7	6.7		45
9/10/2016	0.677											
9/11/2016	0.719			5.0							<5	
9/12/2016	0.720			5.0	0.450	<100	yes	yes	6.8	6.8	5.6	50
9/13/2016	0.719			5.7		<100	no	no	6.8	6.8	5.2	45
9/14/2016	0.719			5.6		<100	no	no	6.8	6.8	<5	45
9/15/2016	0.719			5.4		<100	no	yes	6.7	6.7	<5	30
9/16/2016	0.719					<100	no	no	6.8	6.8		30
9/17/2016	0.719											
9/18/2016	0.719			5.6							<5	
9/19/2016	0.719			6.0	0.460	<100	yes	yes	6.7	6.7	5.9	30
9/20/2016	0.719			7.0		<100	no	no	6.8	6.8	5.6	30
9/21/2016	0.719			4.0		<100	no	no	6.7	6.7	5.1	35
9/22/2016	0.699			5.0		<100	no	yes	6.7	6.7	5.5	30
9/23/2016	0.720					<100	no	no	6.8	6.8		40
9/24/2016	0.709											
9/25/2016	0.719			4.1							<5	
9/26/2016	0.719			4.1	0.360	<100	yes	yes	6.8	6.8	5.8	50
9/27/2016	0.719			4.3		<100	no	no	6.8	6.8	6.3	50
9/28/2016	0.719			3.5		<100	no	no	6.8	6.8	6.7	50
9/29/2016	0.683			4.1		<100	no	yes	6.6	6.6	6.7	45
9/30/2016	0.700					<100	no	no	6.8	6.8		50
<b>Discharged</b>	<b>21.454</b>											
<b>Monthly Avg</b>				<b>5.1</b>							<b>3.6</b>	