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**UNIT D2 UPGRADIENT EXTRACTION DATA**

**Month of: Jun-17**

Date	TW-21			Daily Flow	Daily Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
	Thu-6/1/17	93,706	65	24.00	65
Fri-6/2/17	93,750	65	24.00	65	93,750
Sat-6/3/17	93,722	65	24.00	65	93,722
Sun-6/4/17	93,742	65	24.00	65	93,742
Mon-6/5/17	93,683	65	24.00	65	93,683
Tue-6/6/17	90,566	63	24.00	63	90,566
Wed-6/7/17	86,491	60	24.00	60	86,491
Thu-6/8/17	77,616	54	24.00	54	77,616
Fri-6/9/17	72,107	50	24.00	50	72,107
Sat-6/10/17	72,205	50	24.00	50	72,205
Sun-6/11/17	72,178	50	24.00	50	72,178
Mon-6/12/17	67,392	47	24.00	47	67,392
Tue-6/13/17	64,982	45	24.00	45	64,982
Wed-6/14/17	65,004	45	24.00	45	65,004
Thu-6/15/17	65,012	45	24.00	45	65,012
Fri-6/16/17	53,579	46	19.22	37	53,579
Sat-6/17/17	80,177	56	24.00	56	80,177
Sun-6/18/17	86,604	60	24.00	60	86,604
Mon-6/19/17	20,717	60	5.75	14	20,717
Tue-6/20/17	-	-	-	0	-
Wed-6/21/17	-	-	-	0	-
Thu-6/22/17	64,983	60	18.02	45	64,983
Fri-6/23/17	68,546	57	19.98	48	68,546
Sat-6/24/17	76,503	53	24.00	53	76,503
Sun-6/25/17	72,060	50	24.00	50	72,060
Mon-6/26/17	78,817	55	24.00	55	78,817
Tue-6/27/17	94,346	66	24.00	66	94,346
Wed-6/28/17	94,346	66	24.00	66	94,346
Thu-6/29/17	73,163	64	19.08	51	73,163
Fri-6/30/17	86,599	60	24.00	60	86,599
<b>TOTALS</b>	<b>2,152,596</b>	<b>57</b>	<b>634.05</b>	<b>50</b>	<b>2,152,596</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>2,152,596 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>49.83 GPM</b>

06/16/17 - TW-21 was shut down for maintenance.  
 06/19/17 - 06/22/17 - TW-21 was shut down for the Pond cleaning  
 06/23/17 - TW-21 was shut down to adjust the Pond level.  
 06/29/17 - TW-21 was shut down due to a DTE Energy power loss in the area.

**UNIT D2 DOWNGRADIENT EXTRACTION DATA**

Month of: Jun-17

Date	LB-1			LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-6/1/17	-	-	-	115,427	80	24.00	80	115,427
Fri-6/2/17	-	-	-	115,345	80	24.00	80	115,345
Sat-6/3/17	-	-	-	115,364	80	23.98	80	115,364
Sun-6/4/17	-	-	-	115,297	80	24.00	80	115,297
Mon-6/5/17	-	-	-	115,411	80	24.00	80	115,411
Tue-6/6/17	-	-	-	115,429	80	24.00	80	115,429
Wed-6/7/17	-	-	-	115,319	80	24.00	80	115,319
Thu-6/8/17	-	-	-	115,405	80	24.00	80	115,405
Fri-6/9/17	-	-	-	115,261	80	23.98	80	115,261
Sat-6/10/17	-	-	-	115,356	80	24.00	80	115,356
Sun-6/11/17	-	-	-	115,408	80	24.00	80	115,408
Mon-6/12/17	-	-	-	115,339	80	24.00	80	115,339
Tue-6/13/17	-	-	-	115,283	80	24.00	80	115,283
Wed-6/14/17	-	-	-	115,356	80	23.98	80	115,356
Thu-6/15/17	-	-	-	115,369	80	24.00	80	115,369
Fri-6/16/17	-	-	-	115,402	80	24.00	80	115,402
Sat-6/17/17	-	-	-	115,390	80	24.00	80	115,390
Sun-6/18/17	-	-	-	115,337	80	24.00	80	115,337
Mon-6/19/17	-	-	-	26,961	80	5.62	19	26,961
Tue-6/20/17	-	-	-	-	-	-	0	-
Wed-6/21/17	-	-	-	-	-	-	0	-
Thu-6/22/17	-	-	-	1,019	85	0.20	1	1,019
Fri-6/23/17	2,133	119	0.30	57,553	100	9.60	41	59,686
Sat-6/24/17	-	-	-	104,572	100	17.40	73	104,572
Sun-6/25/17	-	-	-	144,153	100	24.00	100	144,153
Mon-6/26/17	-	-	-	144,165	100	24.00	100	144,165
Tue-6/27/17	-	-	-	112,347	100	18.70	78	112,347
Wed-6/28/17	-	-	-	135,155	100	22.50	94	135,155
Thu-6/29/17	-	-	-	79,466	100	13.30	55	79,466
Fri-6/30/17	-	-	-	142,991	100	23.90	99	142,991
<b>TOTALS</b>	<b>2,133</b>	<b>119</b>	<b>0.30</b>	<b>3,024,880</b>	<b>86</b>	<b>591.16</b>	<b>70</b>	<b>3,027,013</b>

<b>TOTAL VOLUME EXTRACTED : 3,027,013 GALLONS</b>	
<b>DAYS IN MONTH : 30 DAYS</b>	
<b>MONTHLY AVERAGE FLOW RATE : 70.07 GPM</b>	

06/19/17 - 06/24/17 - LB-4 was shut down for the Pond cleaning and programming upgrades.  
 06/23/17 - LB-1 was turned on briefly to test programming upgrades.  
 06/27/17 - 06/29/17 - LB-4 was shut down intermittently for programming upgrades.

**TABLE #3**

**CORE AREA EXTRACTION DATA**

Month of: Jun-17

Core Area Well Extraction													Daily	Daily
Date	TW-2 (Dolph)			TW-10			TW-14			TW-20			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-6/1/17	24,550	17	24.00	-	-	-	-	-	-	50,318	35	24.00	52	74,868
Fri-6/2/17	24,618	17	24.00	-	-	-	-	-	-	50,319	35	24.00	52	74,937
Sat-6/3/17	24,557	17	24.00	-	-	-	-	-	-	50,251	35	24.00	52	74,808
Sun-6/4/17	24,506	17	24.00	-	-	-	-	-	-	50,388	35	24.00	52	74,894
Mon-6/5/17	24,451	17	24.00	-	-	-	-	-	-	50,567	35	24.00	52	75,018
Tue-6/6/17	24,450	17	24.00	4,944	49	1.67	-	-	-	50,522	35	24.00	55	79,916
Wed-6/7/17	24,474	17	24.00	-	-	-	-	-	-	50,761	35	24.00	52	75,235
Thu-6/8/17	24,479	17	24.00	-	-	-	-	-	-	50,420	35	24.00	52	74,899
Fri-6/9/17	24,497	17	24.00	-	-	-	-	-	-	50,445	35	24.00	52	74,942
Sat-6/10/17	24,517	17	24.00	-	-	-	-	-	-	50,563	35	24.00	52	75,080
Sun-6/11/17	24,479	17	24.00	-	-	-	-	-	-	50,434	35	24.00	52	74,913
Mon-6/12/17	24,465	17	24.00	-	-	-	-	-	-	45,500	32	24.00	49	69,965
Tue-6/13/17	24,445	17	24.00	-	-	-	-	-	-	43,344	30	24.00	47	67,789
Wed-6/14/17	24,428	17	24.00	-	-	-	-	-	-	43,085	30	24.00	47	67,513
Thu-6/15/17	24,430	17	24.00	-	-	-	-	-	-	43,421	30	24.00	47	67,851
Fri-6/16/17	24,499	17	24.00	-	-	-	-	-	-	29,097	30	16.20	37	53,596
Sat-6/17/17	24,522	17	24.00	-	-	-	-	-	-	43,134	30	23.98	47	67,656
Sun-6/18/17	24,542	17	24.00	-	-	-	-	-	-	43,306	30	24.00	47	67,848
Mon-6/19/17	6,248	18	5.95	-	-	-	-	-	-	10,352	30	5.75	12	16,600
Tue-6/20/17	-	-	-	-	-	-	2,069	29	1.18	-	-	-	1	2,069
Wed-6/21/17	12,010	19	10.70	-	-	-	1,429	30	0.80	19,996	30	11.10	23	33,435
Thu-6/22/17	26,610	18	24.00	-	-	-	-	-	-	43,366	30	24.00	49	69,976
Fri-6/23/17	26,409	18	24.00	2,277	39	0.97	4,695	75	1.05	43,110	30	24.00	53	76,491
Sat-6/24/17	26,261	18	24.00	17,356	40	7.27	33,040	75	7.37	43,246	30	24.00	83	119,903
Sun-6/25/17	26,205	18	24.00	-	-	-	-	-	-	43,325	30	24.00	48	69,530
Mon-6/26/17	26,166	18	24.00	-	-	-	-	-	-	43,163	30	24.00	48	69,329
Tue-6/27/17	26,173	18	24.00	-	-	-	-	-	-	43,232	30	24.00	48	69,405
Wed-6/28/17	26,202	18	24.00	57,429	75	12.73	56,953	75	12.73	43,247	30	23.98	128	183,831
Thu-6/29/17	25,653	18	23.67	35,553	75	7.90	51,644	75	11.55	42,648	30	23.67	108	155,498
Fri-6/30/17	26,121	18	24.00	-	-	-	-	-	-	42,869	30	24.00	48	68,990
<b>TOTALS</b>	<b>694,967</b>	<b>17</b>	<b>664.32</b>	<b>117,559</b>	<b>56</b>	<b>30.53</b>	<b>149,830</b>	<b>60</b>	<b>34.68</b>	<b>1,264,429</b>	<b>32</b>	<b>656.68</b>	<b>52</b>	<b>2,226,785</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>2,226,785 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>51.55 GPM</b>

06/06/17 - TW-10 was turned on briefly to maintain the Pond level.  
 06/19/17 - 06/21/17 - Dolph & TW-20 were shut down for the Pond cleaning.  
 06/20/17 - 06/21/17 - TW-14 was turned on briefly for power washing the Pond liner.  
 06/23/17 - 06/24/17 - TW-10 & TW-14 were turned on briefly to maintain the Pond level.  
 06/28/17 - 06/29/17 - TW-10 & TW-14 were turned on briefly to maintain the Pond level due to a DTE Energy power outage in the area.

**MARSHY AREA EXTRACTION DATA**

Month of: Jun-17

Marshy Well Extraction				Daily	Daily
Date	PW-1 Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-6/1/17	-		-		-
Fri-6/2/17	-		-		-
Sat-6/3/17	-		-		-
Sun-6/4/17	-		-		-
Mon-6/5/17	-		-		-
Tue-6/6/17	-		-		-
Wed-6/7/17	-		-		-
Thu-6/8/17	-		-		-
Fri-6/9/17	2,186	3	14.07	2	2,186
Sat-6/10/17	3,604	3	24.00	3	3,604
Sun-6/11/17	3,657	3	24.00	3	3,657
Mon-6/12/17	2,345	2	17.45	2	2,345
Tue-6/13/17	3,194	2	24.00	2	3,194
Wed-6/14/17	3,221	2	24.00	2	3,221
Thu-6/15/17	3,215	2	24.00	2	3,215
Fri-6/16/17	3,233	2	24.00	2	3,233
Sat-6/17/17	3,042	2	22.28	2	3,042
Sun-6/18/17	3,243	2	24.00	2	3,243
Mon-6/19/17	779	2	5.75	1	779
Tue-6/20/17	-		-		-
Wed-6/21/17	1,319	2	11.10	1	1,319
Thu-6/22/17	2,730	2	24.00	2	2,730
Fri-6/23/17	2,530	2	24.00	2	2,530
Sat-6/24/17	2,414	2	24.00	2	2,414
Sun-6/25/17	2,353	2	24.00	2	2,353
Mon-6/26/17	2,331	2	24.00	2	2,331
Tue-6/27/17	2,340	2	24.00	2	2,340
Wed-6/28/17	2,229	2	24.00	2	2,229
Thu-6/29/17	2,009	1	23.67	1	2,009
Fri-6/30/17	2,534	2	24.00	2	2,534
<b>TOTALS</b>	<b>54,508</b>	<b>2</b>	<b>454.32</b>	<b>2</b>	<b>54,508</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>54,508 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>1.26 GPM</b>

06/01/17 - 06/09/17, 06/12/17 and 06/17/17 - PW-1 was shut down intermittently due to low flow.  
 06/19/17 - 06/21/17 - PW-1 was shut down for the Pond cleaning.

**SOUTHWEST AREA EXTRACTION DATA**

Month of: Jun-17

Date	ACTIVE WELLS			Daily Flow	Daily Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-6/1/17	26,197	18	24.00	18	26,197
Fri-6/2/17	26,112	18	24.00	18	26,112
Sat-6/3/17	26,065	18	24.00	18	26,065
Sun-6/4/17	26,111	18	24.00	18	26,111
Mon-6/5/17	25,981	18	24.00	18	25,981
Tue-6/6/17	25,770	18	24.00	18	25,770
Wed-6/7/17	25,604	18	24.00	18	25,604
Thu-6/8/17	25,548	18	24.00	18	25,548
Fri-6/9/17	25,557	18	24.00	18	25,557
Sat-6/10/17	25,386	18	24.00	18	25,386
Sun-6/11/17	25,231	18	24.00	18	25,231
Mon-6/12/17	25,193	17	24.00	17	25,193
Tue-6/13/17	25,164	17	24.00	17	25,164
Wed-6/14/17	25,086	17	24.00	17	25,086
Thu-6/15/17	25,074	17	24.00	17	25,074
Fri-6/16/17	19,740	18	17.83	14	19,740
Sat-6/17/17	27,373	19	24.00	19	27,373
Sun-6/18/17	27,362	19	24.00	19	27,362
Mon-6/19/17	6,656	19	5.84	5	6,656
Tue-6/20/17	-	-	-	<2	-
Wed-6/21/17	12,778	19	11.21	9	12,778
Thu-6/22/17	27,395	19	24.00	19	27,395
Fri-6/23/17	27,395	19	24.00	19	27,395
Sat-6/24/17	27,395	19	24.00	19	27,395
Sun-6/25/17	27,395	19	24.00	19	27,395
Mon-6/26/17	29,090	20	24.00	20	29,090
Tue-6/27/17	29,108	20	24.00	20	29,108
Wed-6/28/17	29,236	20	24.00	20	29,236
Thu-6/29/17	28,387	20	23.67	20	28,387
Fri-6/30/17	28,560	20	24.00	20	28,560
<b>TOTALS</b>	<b>731,949</b>	<b>19</b>	<b>658.55</b>	<b>18</b>	<b>731,949</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>731,949 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>16.94 GPM</b>

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

06/16/17 - Southwest extraction was shut down for maintenance in preparation for the Pond cleaning.  
 06/19/17 - 06/21/17 - Southwest extraction was shut down for the Pond cleaning.

UNIT "E" EXTRACTION DATA

Month of: Jun-17

Date	TW-17			TW-18			TW-19			TW-23			Daily Flow GPM	Daily Total Gallons
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.		
Thu-6/1/17	-	-	-	237,128	165	24.00	45,013	31	24.00	129,686	90	24.00	286	411,827
Fri-6/2/17	-	-	-	233,180	162	24.00	45,064	31	24.00	129,639	90	24.00	283	407,883
Sat-6/3/17	-	-	-	233,206	162	24.00	45,113	31	24.00	129,587	90	24.00	283	407,906
Sun-6/4/17	-	-	-	233,241	162	24.00	45,119	31	24.00	129,578	90	24.00	283	407,938
Mon-6/5/17	-	-	-	233,192	162	24.00	45,155	31	24.00	129,546	90	24.00	283	407,893
Tue-6/6/17	3,832	42	1.53	233,217	162	24.00	45,195	31	24.00	129,511	90	24.00	286	411,755
Wed-6/7/17	903	50	0.30	233,249	162	24.00	45,234	31	24.00	129,466	90	24.00	284	408,852
Thu-6/8/17	-	-	-	224,323	156	24.00	45,250	31	24.00	129,454	90	24.00	277	399,027
Fri-6/9/17	-	-	-	218,714	152	24.00	45,279	31	24.00	129,425	90	24.00	273	393,418
Sat-6/10/17	-	-	-	218,809	152	24.00	45,285	31	24.00	129,400	90	24.00	273	393,494
Sun-6/11/17	-	-	-	218,821	152	24.00	45,283	31	24.00	129,399	90	24.00	273	393,503
Mon-6/12/17	-	-	-	213,970	149	24.00	45,281	31	24.00	129,411	90	24.00	270	388,662
Tue-6/13/17	-	-	-	211,543	147	24.00	45,271	31	24.00	129,419	90	24.00	268	386,233
Wed-6/14/17	-	-	-	211,510	147	24.00	45,280	31	24.00	129,408	90	24.00	268	386,198
Thu-6/15/17	-	-	-	211,526	147	24.00	45,278	31	24.00	129,407	90	24.00	268	386,211
Fri-6/16/17	-	-	-	171,913	149	19.22	45,290	31	24.00	129,397	90	24.00	241	346,600
Sat-6/17/17	-	-	-	233,318	162	23.98	45,313	31	24.00	129,377	90	24.00	283	408,008
Sun-6/18/17	-	-	-	233,328	162	24.00	45,317	31	24.00	129,378	90	24.00	283	408,023
Mon-6/19/17	-	-	-	56,540	162	5.82	10,286	32	5.40	29,367	91	5.40	67	96,193
Tue-6/20/17	2,443	47	0.87	-	-	-	-	-	-	-	-	-	2	2,443
Wed-6/21/17	1,679	36	0.78	-	-	-	-	-	-	-	-	-	1	1,679
Thu-6/22/17	-	-	-	175,038	162	18.02	19,143	30	10.50	46,155	75	10.20	167	240,336
Fri-6/23/17	4,665	75	1.03	187,710	157	19.95	33,926	30	18.60	83,545	75	18.60	215	309,846
Sat-6/24/17	33,130	75	7.37	223,266	155	24.00	43,363	30	23.70	106,316	75	23.60	282	406,075
Sun-6/25/17	-	-	-	218,864	152	24.00	44,778	31	23.90	102,285	71	24.00	254	365,927
Mon-6/26/17	-	-	-	225,622	157	24.00	35,429	32	18.70	78,322	70	18.70	236	339,373
Tue-6/27/17	-	-	-	241,460	168	24.00	44,418	31	23.70	99,356	70	23.70	268	385,234
Wed-6/28/17	57,297	75	12.70	110,780	173	10.68	25,559	31	13.80	55,990	70	13.40	173	249,626
Thu-6/29/17	55,185	80	11.53	230,631	164	23.40	44,335	31	23.80	99,548	70	23.80	298	429,699
Fri-6/30/17	-	-	-	233,893	162	24.00	44,121	31	23.70	99,320	70	23.70	262	377,334
<b>TOTALS</b>	<b>159,134</b>	<b>60</b>	<b>36.12</b>	<b>5,907,992</b>	<b>158</b>	<b>625.07</b>	<b>1,159,378</b>	<b>31</b>	<b>617.80</b>	<b>3,130,692</b>	<b>84</b>	<b>617.10</b>	<b>240</b>	<b>10,357,196</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>10,357,196 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>30 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>239.75 GPM</b>

06/06/17 - 06/07/17, 06/20/17-06/21/17, and 06/28/17 - 06/29/17 - TW-17 was turned on to maintain the Pond level.  
 06/16/17 - TW-18 was shut down briefly in preparation for the Pond cleaning.  
 06/19/17 - 06/23/17 - TW-18, TW-19, and TW-20 were shut down for the Pond cleaning.  
 06/23/17 - 06/24/17 - TW-17 was turned on briefly for powerwashing the Pond liner.  
 06/26/17 - TW-19 & TW-23 were shut down for maintenance.  
 06/28/17 - TW-18, TW-19 & TW-23 were shut down due to a DTE power outage in the area.

**TABLE #7**

**Little Lake Area System**

MW-53i	
Date	1,4-Dioxane ug/L
04/10/17	25
04/20/17	40
05/22/17	69
06/09/17	48

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
03/02/17	74
04/13/17	46
05/16/17	69
06/01/17	76

Date	Gallons Purged
6/1/2017	28,000



**TABLE #8**

**INDIVIDUAL PURGE WELL CONCENTRATIONS**

<b>SAMPLE ID</b>	<b>Date Sampled</b>	<b>1,4-DIOXANE (ppb)</b>
DOLPH-06-05-17-10:14-1	06/05/17	101
TW-20-06-05-17-10:25-1	06/05/17	900
LB-4-06-05-17-08:20-1	06/05/17	470
TW-21-06-05-17-08:39-1	06/05/17	190
TW-18-06-05-17-10:19-1	06/05/17	270
TW-19-06-05-17-09:48-1	06/05/17	660
TW-23-06-05-17-09:49-1	06/05/17	450
PW-1-06-09-17-13:28-1	06/09/17	690
TW-22-06-05-17-11:05-1	06/05/17	430
TW-8-06-05-17-11:07-1	06/05/17	640

**RED POND DATA**

Month of: **Jun-17**

Date	Time	Notes	Red Pond				
			Pond Visual Chk	Level Feet	Aeration Hours	Influent Hours	Influent GPM
Thu-6/1/17	3:05		Y	4.8	-	24.00	501
Fri-6/2/17	3:00		Y	5.1	-	24.00	499
Sat-6/3/17	3:00	(1)		5.1	-	24.00	499
Sun-6/4/17	3:00	(1)		5.1	-	24.00	499
Mon-6/5/17	3:00		Y	5.1	-	24.00	499
Tue-6/6/17	3:00		Y	5.1	-	24.00	502
Wed-6/7/17	3:00		Y	5.1	-	24.00	494
Thu-6/8/17	3:00		Y	5.0	-	24.00	481
Fri-6/9/17	3:00		Y	5.2	-	24.00	475
Sat-6/10/17	3:00	(1)		4.9	-	24.00	476
Sun-6/11/17	3:00	(1)		4.7	-	24.00	476
Mon-6/12/17	3:00		Y	4.7	-	24.00	465
Tue-6/13/17	3:00		Y	4.7	-	24.00	460
Wed-6/14/17	3:00		Y	4.1	-	24.00	460
Thu-6/15/17	3:00		Y	3.6	-	24.00	460
Fri-6/16/17	3:00		Y	3.3	-	24.00	411
Sat-6/17/17	3:00	(1)		2.7	-	24.00	487
Sun-6/18/17	3:00	(1)		2.6	-	24.00	492
Mon-6/19/17	3:00		Y	2.6	-	5.95	470
Tue-6/20/17	3:00		Y	2.6	-	-	-
Wed-6/21/17	3:00		Y	2.6	-	11.10	74
Thu-6/22/17	3:00		Y	2.6	-	24.00	282
Fri-6/23/17	3:00		Y	4.4	-	24.00	378
Sat-6/24/17	3:00	(1)		5.0	-	24.00	512
Sun-6/25/17	3:00	(1)		4.9	-	24.00	473
Mon-6/26/17	3:00		Y	4.8	-	24.00	460
Tue-6/27/17	3:00		Y	4.6	-	24.00	481
Wed-6/28/17	3:00		Y	4.1	-	24.00	482
Thu-6/29/17	3:00		Y	4.2	-	23.80	538
Fri-6/30/17	3:00		Y	5.0	-	24.00	491
<b>TOTALS</b>			-	-	-	<b>665</b>	

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 end/or holiday.

06/19/17 - 06/21/17 - Pond cleaning

**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-06-05-17-05:45-1	6/5/2017	380
Red Pond-06-12-17-08:45-1	6/12/2017	360
Red Pond-06-19-17-05:40-1	6/19/2017	500
Red Pond-06-26-17-07:50-1	6/26/2017	480

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

OZONE OPERATION REPORT

Month of: Jun-17

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-6/1/17	3:07 AM		239	24.00	0	0.00	239	24.00	0	0.00
Fri-6/2/17	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Sat-6/3/17	3:00 AM	(1)	240	23.88	0	0.00	239	23.83	0	0.00
Sun-6/4/17	3:00 AM	(1)	240	24.00	0	0.00	242	24.00	0	0.00
Mon-6/5/17	3:00 AM		240	24.00	0	0.00	239	24.00	0	0.00
Tue-6/6/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-6/7/17	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Thu-6/8/17	3:00 AM		240	21.37	0	0.00	242	23.60	0	0.00
Fri-6/9/17	3:00 AM		240	24.00	0	0.00	242	24.00	0	0.00
Sat-6/10/17	3:00 AM	(1)	240	24.00	0	0.00	239	23.75	0	0.00
Sun-6/11/17	3:00 AM	(1)	240	24.00	0	0.00	240	23.30	0	0.00
Mon-6/12/17	3:00 AM		240	23.25	0	0.00	240	22.30	0	0.00
Tue-6/13/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-6/14/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Thu-6/15/17	3:00 AM		239	22.52	0	0.00	241	22.62	0	0.00
Fri-6/16/17	3:00 AM		240	22.17	0	0.00	240	21.00	0	0.00
Sat-6/17/17	3:00 AM	(1)	240	23.87	0	0.00	240	23.87	0	0.00
Sun-6/18/17	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-6/19/17	3:00 AM		240	10.38	0	0.00	240	9.18	0	0.00
Tue-6/20/17	3:00 AM		0	0.00	0	0.00	0	0.00	0	0.00
Wed-6/21/17	3:00 AM		0	0.00	0	0.00	0	0.00	0	0.00
Thu-6/22/17	3:00 AM		0	0.58	0	0.00	0	8.88	0	0.00
Fri-6/23/17	3:00 AM		0	12.95	0	0.00	0	16.65	0	0.00
Sat-6/24/17	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-6/25/17	3:00 AM	(1)	240	23.65	0	0.00	240	23.67	0	0.00
Mon-6/26/17	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Tue-6/27/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-6/28/17	3:00 AM		240	22.82	0	0.00	239	21.88	0	0.00
Thu-6/29/17	3:00 AM		240	22.27	0	0.00	240	22.27	0	0.00
Fri-6/30/17	3:00 AM		240	24.00	0	0.00	240	23.90	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.

- 06/08/17 - System 1A was shut down for maintenance.
- 06/12/17 - System 2A was shut down for maintenance.
- 06/15/18 - 06/16/17 - treatment was shut down briefly for cleaning pipelines.
- 06/19/17 - 06/23/17 treatment was shut down for the Pond cleaning.
- 06/28/17 - 06/29/17 - treatment was shut down briefly for a DTE power outage in the area.

**GREEN POND / DISCHARGE DATA**

Month of: **Jun-17**

Date	Time	Notes	Green Pond														
			Pond			Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	Level Feet	Aeration Hours	Influent Hours	Influent GPM	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	
Thu-6/1/17	3:05 AM		Y	-	-				501	721,372	24.00	-	-	-	-	-	-
Fri-6/2/17	3:00 AM		Y	-	-				501	721,352	24.00	-	-	-	-	-	-
Sat-6/3/17	3:00 AM	(1)		-	-				498	716,631	24.00	-	-	-	-	-	-
Sun-6/4/17	3:00 AM	(1)		-	-				502	723,504	24.00	-	-	-	-	-	-
Mon-6/5/17	3:00 AM		Y	-	-				503	723,610	24.00	-	-	-	-	-	-
Tue-6/6/17	3:00 AM		Y	-	-				502	723,452	24.00	-	-	-	-	-	-
Wed-6/7/17	3:00 AM		Y	-	-				503	723,689	24.00	-	-	-	-	-	-
Thu-6/8/17	3:00 AM		Y	-	-				465	669,387	24.00	-	-	-	-	-	-
Fri-6/9/17	3:00 AM		Y	-	-				500	719,714	24.00	-	-	-	-	-	-
Sat-6/10/17	3:00 AM	(1)		-	-				494	711,347	24.00	-	-	-	-	-	-
Sun-6/11/17	3:00 AM	(1)		-	-				480	691,781	24.00	-	-	-	-	-	-
Mon-6/12/17	3:00 AM		Y	-	-				483	672,955	23.20	-	-	-	-	-	-
Tue-6/13/17	3:00 AM		Y	-	-				498	717,614	24.00	-	-	-	-	-	-
Wed-6/14/17	3:00 AM		Y	-	-				499	718,011	24.00	-	-	-	-	-	-
Thu-6/15/17	3:00 AM		Y	-	-				476	672,728	23.57	-	-	-	-	-	-
Fri-6/16/17	3:00 AM		Y	-	-				485	643,275	22.12	-	-	-	-	-	-
Sat-6/17/17	3:00 AM	(1)		-	-				494	711,876	24.00	-	-	-	-	-	-
Sun-6/18/17	3:00 AM	(1)		-	-				498	717,684	24.00	-	-	-	-	-	-
Mon-6/19/17	3:00 AM		Y	-	-				466	291,826	10.43	-	-	-	-	-	-
Tue-6/20/17	3:00 AM		Y	-	-				-	-	-	-	-	-	-	-	-
Wed-6/21/17	3:00 AM		Y	-	-				-	-	-	-	-	-	-	-	-
Thu-6/22/17	3:00 AM		Y	-	-				243	129,987	8.92	-	-	-	-	-	-
Fri-6/23/17	3:00 AM		Y	-	-				437	428,685	16.33	-	-	-	-	-	-
Sat-6/24/17	3:00 AM	(1)		-	-				496	714,780	24.00	-	-	-	-	-	-
Sun-6/25/17	3:00 AM	(1)		-	-				496	699,844	23.53	-	-	-	-	-	-
Mon-6/26/17	3:00 AM		Y	-	-				496	714,318	24.00	-	-	-	-	-	-
Tue-6/27/17	3:00 AM		Y	-	-				496	714,297	24.00	-	-	-	-	-	-
Wed-6/28/17	3:00 AM		Y	-	-				486	660,913	22.67	-	-	-	-	-	-
Thu-6/29/17	3:00 AM		Y	-	-				496	660,676	22.20	-	-	-	-	-	-
Fri-6/30/17	3:00 AM		Y	-	-				495	712,551	24.00	-	-	-	-	-	-
<b>TOTALS</b>										<b>18,427,859</b>	<b>629</b>						

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.

06/16/17 - Discharge was shut down briefly for maintenance.

06/19/17 - 06/23/17 - Discharge was shut down for the Pond cleaning.

06/28/17 - 06/29/17 - Discharge was shut down due to a DTE power outage in the area.

**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
6/1/2017	0.721	*G	*G	4.7		<100	no	no	6.7	6.7	5.6	
6/2/2017	0.721					<100	no	no	6.7	6.7		
6/3/2017	0.717											
6/4/2017	0.724			5.3							6	
6/5/2017	0.724			5.5	0.380	<100	yes	yes	6.6	6.6	6.8	50
6/6/2017	0.723			5		<100	no	no	6.6	6.6	6.4	
6/7/2017	0.724			5.2		<100	no	yes	6.6	6.6	7.6	50
6/8/2017	0.669			5.3		<100	no	no	6.6	6.6	7.4	
6/9/2017	0.720					<100	no	no	6.6	6.6		
6/10/2017	0.711											
6/11/2017	0.692			6.3							5.2	
6/12/2017	0.673			6.9	0.360	<100	yes	yes	6.7	6.7	<5	50
6/13/2017	0.718			6.4		<100	no	no	6.6	6.6	5.4	
6/14/2017	0.718			6		<100	no	yes	6.7	6.7	5.5	50
6/15/2017	0.673			7		<100	no	no	6.6	6.6	5.6	
6/16/2017	0.643					<100	no	no	6.6	6.6		
6/17/2017	0.712											
6/18/2017	0.718			5.4							5.8	
6/19/2017	0.292				0.500	<100	yes	yes	6.7	6.7		55
6/20/2017	0.000					<100	no	no				
6/21/2017	0.000					<100	no	no				
6/22/2017	0.130					<100	no	yes	6.6	6.6		10
6/23/2017	0.429					<100	no	no	6.6	6.6		
6/24/2017	0.715											
6/25/2017	0.700			6							6.2	
6/26/2017	0.714			7	0.480	<100	yes	yes	6.7	6.7	7.7	30
6/27/2017	0.714			8		<100	no	no	6.6	6.6	6.8	
6/28/2017	0.661			8		<100	no	yes	6.6	6.6	6.8	30
6/29/2017	0.661			6.4		<100	no	no	6.6	6.6	5.1	
6/30/2017	0.713					<100	no	no	6.6	6.6		
<b>Discharged</b>	<b>18.428</b>											
<b>Monthly Avg</b>				<b>6.1</b>							<b>5.9</b>	