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EXTRACTION DATA

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TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: Mar-17

	TW-21			Daily Flow	Daily Total
Date	TW-21 Gallons	GPM	Run Hrs.	GPM	Gallons
Wed-3/1/17	93,555	65	24.00	65	93,555
Thu-3/2/17	86,739	60	24.00	60	86,739
Fri-3/3/17	82,202	57	24.00	57	82,202
Sat-3/4/17	86,346	60	24.00	60	86,346
Sun-3/5/17	86,357	60	24.00	60	86,357
Mon-3/6/17	91,850	64	24.00	64	91,850
Tue-3/7/17	93,634	65	24.00	65	93,634
Wed-3/8/17	91,700	64	24.00	64	91,700
Thu-3/9/17	93,556	65	24.00	65	93,556
Fri-3/10/17	93,481	65	24.00	65	93,481
Sat-3/11/17	93,461	65	24.00	65	93,461
Sun-3/12/17	93,508	65	24.00	65	93,508
Mon-3/13/17	93,496	65	24.00	65	93,496
Tue-3/14/17	93,466	65	24.00	65	93,466
Wed-3/15/17	93,488	65	24.00	65	93,488
Thu-3/16/17	93,492	65	24.00	65	93,492
Fri-3/17/17	93,534	65	24.00	65	93,534
Sat-3/18/17	93,543	65	24.00	65	93,543
Sun-3/19/17	93,540	65	24.00	65	93,540
Mon-3/20/17	93,546	65	24.00	65	93,546
Tue-3/21/17	93,612	65	24.00	65	93,612
Wed-3/22/17	93,487	65	24.00	65	93,487
Thu-3/23/17	93,549	65	24.00	65	93,549
Fri-3/24/17	93,675	65	24.00	65	93,675
Sat-3/25/17	93,562	65	24.00	65	93,562
Sun-3/26/17	98,226	68	24.00	68	98,226
Mon-3/27/17	100,843	70	24.00	70	100,843
Tue-3/28/17	100,769	70	24.00	70	100,769
Wed-3/29/17	100,800	70	24.00	70	100,800
Thu-3/30/17	107,905	75	23.95	75	107,905
Fri-3/31/17	102,774	71	24.00	71	102,774
TOTALS	2,913,696	65	743.95	65	2,913,696

TOTAL VOLUME EXTRACTED :	2,913,696 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	65.27 GPM

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TABLE #2

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: Mar-17

Date	LB-4 Gallons	GPM	Run Hrs.	Daily Flow GPM	Daily Total Gallons
Wed-3/1/17	144,156	100	23.98	100	144,156
Thu-3/2/17	144,177	100	24.00	100	144,177
Fri-3/3/17	144,193	100	24.00	100	144,193
Sat-3/4/17	144,167	100	24.00	100	144,167
Sun-3/5/17	144,178	100	24.00	100	144,178
Mon-3/6/17	144,236	100	23.98	100	144,236
Tue-3/7/17	144,202	100	24.00	100	144,202
Wed-3/8/17	143,062	100	23.82	99	143,062
Thu-3/9/17	144,288	100	23.98	100	144,288
Fri-3/10/17	144,287	100	24.00	100	144,287
Sat-3/11/17	144,220	100	24.00	100	144,220
Sun-3/12/17	144,255	100	24.00	100	144,255
Mon-3/13/17	144,182	100	24.00	100	144,182
Tue-3/14/17	144,265	100	23.98	100	144,265
Wed-3/15/17	144,222	100	24.00	100	144,222
Thu-3/16/17	144,221	100	24.00	100	144,221
Fri-3/17/17	144,104	100	24.00	100	144,104
Sat-3/18/17	144,193	100	24.00	100	144,193
Sun-3/19/17	144,204	100	24.00	100	144,204
Mon-3/20/17	144,221	100	23.98	100	144,221
Tue-3/21/17	144,204	100	24.00	100	144,204
Wed-3/22/17	144,222	100	24.00	100	144,222
Thu-3/23/17	144,100	100	24.00	100	144,100
Fri-3/24/17	144,188	100	24.00	100	144,188
Sat-3/25/17	144,189	100	23.98	100	144,189
Sun-3/26/17	144,185	100	24.00	100	144,185
Mon-3/27/17	144,174	100	24.00	100	144,174
Tue-3/28/17	144,124	100	24.00	100	144,124
Wed-3/29/17	144,174	100	24.00	100	144,174
Thu-3/30/17	144,103	100	23.98	100	144,103
Fri-3/31/17	144,167	100	24.00	100	144,167
TOTALS	**4,468,863**	**100**	**743.68**	**100**	**4,468,863**

TOTAL VOLUME EXTRACTED :	4,468,863 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	100.11 GPM

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TABLE #3

CORE AREA EXTRACTION DATA

Month of: Mar-17

Core Area Well Extraction							Daily	Daily
	TW-2 (Dolph)			TW-20			Flow	Total
Date	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Wed-3/1/17	-		-	57,710	40	24.00	40	57,710
Thu-3/2/17	-		-	57,356	40	24.00	40	57,356
Fri-3/3/17	-		-	57,515	40	24.00	40	57,515
Sat-3/4/17	-		-	57,207	40	24.00	40	57,207
Sun-3/5/17	-		-	57,639	40	24.00	40	57,639
Mon-3/6/17	-		-	57,946	40	24.00	40	57,946
Tue-3/7/17	-		-	57,954	40	24.00	40	57,954
Wed-3/8/17	-		-	57,570	40	24.00	40	57,570
Thu-3/9/17	-		-	57,651	40	24.00	40	57,651
Fri-3/10/17	-		-	57,496	40	24.00	40	57,496
Sat-3/11/17	-		-	57,337	40	24.00	40	57,337
Sun-3/12/17	-		-	57,660	40	24.00	40	57,660
Mon-3/13/17	-		-	57,709	40	24.00	40	57,709
Tue-3/14/17	-		-	57,440	40	24.00	40	57,440
Wed-3/15/17	-		-	57,438	40	24.00	40	57,438
Thu-3/16/17	-		-	57,895	40	24.00	40	57,895
Fri-3/17/17	-		-	57,707	40	24.00	40	57,707
Sat-3/18/17	-		-	57,383	40	24.00	40	57,383
Sun-3/19/17	-		-	57,567	40	24.00	40	57,567
Mon-3/20/17	-		-	57,372	40	24.00	40	57,372
Tue-3/21/17	-		-	57,732	40	24.00	40	57,732
Wed-3/22/17	-		-	57,494	40	24.00	40	57,494
Thu-3/23/17	-		-	57,803	40	24.00	40	57,803
Fri-3/24/17	-		-	57,584	40	24.00	40	57,584
Sat-3/25/17	-		-	57,489	40	24.00	40	57,489
Sun-3/26/17	-		-	57,722	40	24.00	40	57,722
Mon-3/27/17	-		-	57,855	40	24.00	40	57,855
Tue-3/28/17	-		-	57,578	40	24.00	40	57,578
Wed-3/29/17	-		-	57,910	40	24.00	40	57,910
Thu-3/30/17	-		-	46,932	34	22.92	33	46,932
Fri-3/31/17	-		-	43,048	30	24.00	30	43,048
TOTALS	-		-	1,760,699	39	742.92	39	1,760,699

TOTAL VOLUME EXTRACTED :	1,760,699 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	39.44 GPM

03/01/17-03/31/17 - Dolph was shut down for repairs.
03/30/17 - TW-20 was shut down briefly due to a DTE Energy power outage in the area.

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TABLE #4

MARSHY AREA EXTRACTION DATA

Month of: Mar-17

Marshy Well Extraction				Daily	Daily
	PW-1			Flow	Total
Date	Gallons	GPM	Run Hrs.	GPM	Gallons
Wed-3/1/17	3,114	2	24.00	2	3,114
Thu-3/2/17	3,146	2	24.00	2	3,146
Fri-3/3/17	3,192	2	24.00	2	3,192
Sat-3/4/17	3,183	2	24.00	2	3,183
Sun-3/5/17	3,167	2	24.00	2	3,167
Mon-3/6/17	3,141	2	24.00	2	3,141
Tue-3/7/17	3,093	2	24.00	2	3,093
Wed-3/8/17	3,006	2	24.00	2	3,006
Thu-3/9/17	2,900	2	24.00	2	2,900
Fri-3/10/17	2,833	2	24.00	2	2,833
Sat-3/11/17	2,806	2	24.00	2	2,806
Sun-3/12/17	2,785	2	24.00	2	2,785
Mon-3/13/17	2,769	2	24.00	2	2,769
Tue-3/14/17	2,752	2	24.00	2	2,752
Wed-3/15/17	2,705	2	24.00	2	2,705
Thu-3/16/17	2,701	2	24.00	2	2,701
Fri-3/17/17	2,701	2	24.00	2	2,701
Sat-3/18/17	2,723	2	24.00	2	2,723
Sun-3/19/17	2,703	2	24.00	2	2,703
Mon-3/20/17	2,598	2	24.00	2	2,598
Tue-3/21/17	2,556	2	24.00	2	2,556
Wed-3/22/17	2,446	2	22.58	2	2,446
Thu-3/23/17	2,353	2	20.95	2	2,353
Fri-3/24/17	2,465	2	24.00	2	2,465
Sat-3/25/17	2,440	2	24.00	2	2,440
Sun-3/26/17	2,429	2	24.00	2	2,429
Mon-3/27/17	2,413	2	24.00	2	2,413
Tue-3/28/17	2,403	2	24.00	2	2,403
Wed-3/29/17	2,324	2	23.78	2	2,324
Thu-3/30/17	2,315	2	24.00	2	2,315
Fri-3/31/17	2,319	2	24.00	2	2,319
TOTALS	84,481	2	739.32	2	84,481

TOTAL VOLUME EXTRACTED :	84,481 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	1.89 GPM

03/22/17-03/23/17 - PW-1 was shut down briefly due to low flow.

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TABLE #5

SOUTHWEST AREA EXTRACTION DATA

Month of: Mar-17

SouthWest Well Extraction	ACTIVE WELLS			Daily	Daily
Date	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Wed-3/1/17	29,312	20	24.00	20	29,312
Thu-3/2/17	29,062	20	24.00	20	29,062
Fri-3/3/17	28,935	20	24.00	20	28,935
Sat-3/4/17	28,883	20	24.00	20	28,883
Sun-3/5/17	28,896	20	24.00	20	28,896
Mon-3/6/17	28,906	20	24.00	20	28,906
Tue-3/7/17	28,863	20	24.00	20	28,863
Wed-3/8/17	28,862	20	24.00	20	28,862
Thu-3/9/17	28,809	20	24.00	20	28,809
Fri-3/10/17	28,736	20	24.00	20	28,736
Sat-3/11/17	28,669	20	24.00	20	28,669
Sun-3/12/17	28,674	20	24.00	20	28,674
Mon-3/13/17	28,692	20	24.00	20	28,692
Tue-3/14/17	28,694	20	24.00	20	28,694
Wed-3/15/17	28,691	20	24.00	20	28,691
Thu-3/16/17	28,612	20	24.00	20	28,612
Fri-3/17/17	28,618	20	24.00	20	28,618
Sat-3/18/17	28,578	20	24.00	20	28,578
Sun-3/19/17	28,442	20	24.00	20	28,442
Mon-3/20/17	28,463	20	24.00	20	28,463
Tue-3/21/17	28,436	20	24.00	20	28,436
Wed-3/22/17	28,219	20	24.00	20	28,219
Thu-3/23/17	28,208	20	24.00	20	28,208
Fri-3/24/17	28,222	20	24.00	20	28,222
Sat-3/25/17	28,189	20	24.00	20	28,189
Sun-3/26/17	28,196	20	24.00	20	28,196
Mon-3/27/17	28,208	20	24.00	20	28,208
Tue-3/28/17	28,100	20	24.00	20	28,100
Wed-3/29/17	27,964	19	24.00	19	27,964
Thu-3/30/17	28,196	20	24.00	20	28,196
Fri-3/31/17	28,415	20	24.00	20	28,415
TOTALS	885,750	20	744.00	20	885,750

TOTAL VOLUME EXTRACTED :	885,750 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	19.84 GPM

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

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TABLE #6

UNIT "E" EXTRACTION DATA

Month of: Mar-17

Date	TW-18 Gallons	GPM	Run Hrs.	TW-19 Gallons	GPM	Run Hrs.	Daily Flow GPM	Daily Total Gallons
Wed-3/1/17	233,920	162	24.00	146,921	102	24.00	264	380,841
Thu-3/2/17	230,565	160	24.00	146,931	102	24.00	262	377,496
Fri-3/3/17	226,655	157	24.00	146,929	102	24.00	259	373,584
Sat-3/4/17	226,653	157	24.00	146,943	102	24.00	259	373,596
Sun-3/5/17	226,624	157	24.00	146,934	102	24.00	259	373,558
Mon-3/6/17	237,554	165	24.00	146,927	102	24.00	267	384,481
Tue-3/7/17	245,469	170	24.00	146,919	102	24.00	272	392,388
Wed-3/8/17	227,749	168	22.62	146,083	102	23.90	260	373,832
Thu-3/9/17	246,235	171	24.00	146,907	102	24.00	273	393,142
Fri-3/10/17	249,361	173	24.00	146,910	102	24.00	275	396,271
Sat-3/11/17	250,064	174	24.00	146,919	102	24.00	276	396,983
Sun-3/12/17	249,765	173	24.00	146,921	102	24.00	275	396,686
Mon-3/13/17	249,446	173	24.00	146,930	102	24.00	275	396,376
Tue-3/14/17	249,751	173	24.00	146,937	102	24.00	275	396,688
Wed-3/15/17	249,363	173	24.00	146,946	102	24.00	275	396,309
Thu-3/16/17	249,091	173	24.00	146,942	102	24.00	275	396,033
Fri-3/17/17	248,636	173	24.00	146,925	102	24.00	275	395,561
Sat-3/18/17	248,282	172	24.00	146,939	102	24.00	274	395,221
Sun-3/19/17	247,355	172	24.00	146,935	102	24.00	274	394,290
Mon-3/20/17	247,473	172	24.00	146,940	102	24.00	274	394,413
Tue-3/21/17	246,964	172	24.00	146,926	102	24.00	274	393,890
Wed-3/22/17	245,678	171	24.00	146,928	102	24.00	273	392,606
Thu-3/23/17	245,421	170	24.00	146,925	102	24.00	272	392,346
Fri-3/24/17	245,396	170	24.00	146,921	102	24.00	272	392,317
Sat-3/25/17	244,701	170	24.00	146,905	102	24.00	272	391,606
Sun-3/26/17	244,156	170	24.00	146,908	102	24.00	272	391,064
Mon-3/27/17	243,424	169	24.00	146,897	102	24.00	271	390,321
Tue-3/28/17	242,552	168	24.00	146,901	102	24.00	270	389,453
Wed-3/29/17	241,895	168	24.00	146,919	102	24.00	270	388,814
Thu-3/30/17	242,960	169	24.00	146,672	102	24.00	271	389,632
Fri-3/31/17	243,262	169	24.00	146,924	102	24.00	271	390,186
TOTALS	**7,526,420**	**169**	**742.62**	**4,553,564**	**102**	**743.90**	**271**	**12,079,984**

TOTAL VOLUME EXTRACTED :	12,079,984 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	270.61 GPM

03/08/17 - TW-18 was shut down briefly due to a DTE Energy power loss in the area.

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TABLE #7

Little Lake Area System

MW-53i	
Date	1,4-Dioxane ug/L
12/01/16	79
01/03/17	58
02/02/17	53
03/07/17	41

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
12/01/16	71
01/03/17	84
02/01/17	65
03/02/17	74

Date	Gallons Purged
3/2/2017	28,000

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TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
TW-20-03-06-17-07:00-1	03/06/17	850
LB-4-03-06-17-08:24-1	03/06/17	460
TW-21-03-06-17-08:42-1	03/06/17	160
TW-18-03-06-17-06:50-1	03/06/17	250
TW-19-03-06-17-08:27-1	03/06/17	610
PW-1-03-06-17-06:53-1	03/06/17	900
TW-22-03-06-17-10:27-1	03/06/17	420
TW-8-03-06-17-10:28-1	03/06/17	660

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TABLE #9

RED POND DATA

Month of: Mar-17

			Red Pond				
			Pond	Level	Aeration	Influent	Influent
Date	Time	Notes	Visual Chk	Feet	Hours	Hours	GPM
Wed-3/1/17	3:05		Y	5.2	-	24.00	492
Thu-3/2/17	3:00		Y	5.2	-	24.00	485
Fri-3/3/17	3:00		Y	5.2	-	24.00	479
Sat-3/4/17	3:00	(1)		5.0	-	24.00	482
Sun-3/5/17	3:00	(1)		4.7	-	24.00	482
Mon-3/6/17	3:00		Y	4.5	-	24.00	493
Tue-3/7/17	3:00		Y	4.5	-	24.00	500
Wed-3/8/17	3:00		Y	4.5	-	24.00	485
Thu-3/9/17	3:00		Y	4.6	-	24.00	500
Fri-3/10/17	3:00		Y	4.7	-	24.00	502
Sat-3/11/17	3:00	(1)		4.7	-	24.00	502
Sun-3/12/17	3:00	(1)		4.7	-	24.00	502
Mon-3/13/17	3:00		Y	4.7	-	24.00	502
Tue-3/14/17	3:00		Y	4.8	-	24.00	502
Wed-3/15/17	3:00		Y	4.8	-	24.00	502
Thu-3/16/17	3:00		Y	4.8	-	24.00	502
Fri-3/17/17	3:00		Y	4.8	-	24.00	502
Sat-3/18/17	3:00	(1)		5.0	-	24.00	501
Sun-3/19/17	3:00	(1)		5.1	-	24.00	501
Mon-3/20/17	3:00		Y	5.0	-	24.00	500
Tue-3/21/17	3:00		Y	5.0	-	24.00	500
Wed-3/22/17	3:00		Y	5.0	-	24.00	499
Thu-3/23/17	3:00		Y	5.0	-	24.00	499
Fri-3/24/17	3:00		Y	5.0	-	24.00	499
Sat-3/25/17	3:00	(1)		4.9	-	24.00	498
Sun-3/26/17	3:00	(1)		4.9	-	24.00	501
Mon-3/27/17	3:00		Y	4.9	-	24.00	503
Tue-3/28/17	3:00		Y	4.9	-	24.00	502
Wed-3/29/17	3:00		Y	5.0	-	24.00	501
Thu-3/30/17	3:00		Y	5.0	-	24.00	499
Fri-3/31/17	3:00		Y	5.8	-	24.00	494
		TOTALS	-		-	744	

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.

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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-03-06-17-06:00-1	3/6/2017	420
Red Pond-03-13-17-08:00-1	3/13/2017	380
Red Pond-03-20-17-06:30-1	3/20/2017	370
Red Pond-03-27-17-06:30-1	3/27/2017	390

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

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TABLE #11

OZONE OPERATION REPORT

Month of: Mar-17

			SYSTEM-1A		SYSTEM-1B		SYSTEM-2A		SYSTEM-2B	
Date	Time	Notes	Flow GPM	Run Hours	Flow GPM	Run Hours	Flow GPM	Run Hours	Flow GPM	Run Hours
Wed-3/1/17	3:07 AM		240	24.00	0	0.00	241	24.00	0	0.00
Thu-3/2/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-3/3/17	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Sat-3/4/17	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-3/5/17	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-3/6/17	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Tue-3/7/17	3:00 AM		240	24.00	0	0.00	239	24.00	0	0.00
Wed-3/8/17	3:00 AM		240	23.38	0	0.00	240	23.48	0	0.00
Thu-3/9/17	3:00 AM		239	24.00	0	0.00	241	24.00	0	0.00
Fri-3/10/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-3/11/17	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-3/12/17	3:00 AM	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Mon-3/13/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Tue-3/14/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-3/15/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Thu-3/16/17	3:00 AM		239	24.00	0	0.00	241	24.00	0	0.00
Fri-3/17/17	3:00 AM		240	24.00	0	0.00	240	22.48	0	0.00
Sat-3/18/17	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-3/19/17	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Mon-3/20/17	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Tue-3/21/17	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Wed-3/22/17	3:00 AM		240	23.85	0	0.00	239	23.87	0	0.00
Thu-3/23/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-3/24/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-3/25/17	3:00 AM	(1)	239	24.00	0	0.00	240	24.00	0	0.00
Sun-3/26/17	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-3/27/17	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Tue-3/28/17	3:00 AM		240	24.00	0	0.00	241	22.73	0	0.00
Wed-3/29/17	3:00 AM		240	24.00	0	0.00	239	24.00	0	0.00
Thu-3/30/17	3:00 AM		240	22.12	0	0.00	240	22.15	0	0.00
Fri-3/31/17	3:00 AM		240	24.00	0	0.00	241	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.

03/17/17 and 3/28/17 - System 2A was shut down briefly for maintenance.
03/30/17 - Treatment was shut down briefly due to a DTE Energy power outage.

PALL Life Sciences

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: **Mar-17**

			Green Pond															
			Pond	Level	Aeration	Influent	Influent	Pond Discharge		Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
Date	Time	Notes	Visual Chk	Feet	Hours	Hours	GPM	GPM	Gallons	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours
Wed-3/1/17	3:05 AM		Y	-	-					500	719,978	24.00	-	-	-	-	-	-
Thu-3/2/17	3:00 AM		Y	-	-					499	719,191	24.00	-	-	-	-	-	-
Fri-3/3/17	3:00 AM		Y	-	-					499	719,254	24.00	-	-	-	-	-	-
Sat-3/4/17	3:00 AM	(1)		-	-					500	719,482	24.00	-	-	-	-	-	-
Sun-3/5/17	3:00 AM	(1)		-	-					500	719,615	24.00	-	-	-	-	-	-
Mon-3/6/17	3:00 AM		Y	-	-					500	720,280	24.00	-	-	-	-	-	-
Tue-3/7/17	3:00 AM		Y	-	-					500	720,678	24.00	-	-	-	-	-	-
Wed-3/8/17	3:00 AM		Y	-	-					490	687,142	23.37	-	-	-	-	-	-
Thu-3/9/17	3:00 AM		Y	-	-					500	719,605	24.00	-	-	-	-	-	-
Fri-3/10/17	3:00 AM		Y	-	-					500	719,688	24.00	-	-	-	-	-	-
Sat-3/11/17	3:00 AM	(1)		-	-					500	719,693	24.00	-	-	-	-	-	-
Sun-3/12/17	3:00 AM	(1)		-	-					500	719,865	24.00	-	-	-	-	-	-
Mon-3/13/17	3:00 AM		Y	-	-					500	719,301	24.00	-	-	-	-	-	-
Tue-3/14/17	3:00 AM		Y	-	-					500	719,610	24.00	-	-	-	-	-	-
Wed-3/15/17	3:00 AM		Y	-	-					500	719,788	24.00	-	-	-	-	-	-
Thu-3/16/17	3:00 AM		Y	-	-					500	720,244	24.00	-	-	-	-	-	-
Fri-3/17/17	3:00 AM		Y	-	-					484	696,397	24.00	-	-	-	-	-	-
Sat-3/18/17	3:00 AM	(1)		-	-					500	719,841	24.00	-	-	-	-	-	-
Sun-3/19/17	3:00 AM	(1)		-	-					500	720,107	24.00	-	-	-	-	-	-
Mon-3/20/17	3:00 AM		Y	-	-					500	720,288	24.00	-	-	-	-	-	-
Tue-3/21/17	3:00 AM		Y	-	-					501	720,780	24.00	-	-	-	-	-	-
Wed-3/22/17	3:00 AM		Y	-	-					496	714,844	24.00	-	-	-	-	-	-
Thu-3/23/17	3:00 AM		Y	-	-					500	720,655	24.00	-	-	-	-	-	-
Fri-3/24/17	3:00 AM		Y	-	-					501	721,268	24.00	-	-	-	-	-	-
Sat-3/25/17	3:00 AM	(1)		-	-					501	721,496	24.00	-	-	-	-	-	-
Sun-3/26/17	3:00 AM	(1)		-	-					501	721,552	24.00	-	-	-	-	-	-
Mon-3/27/17	3:00 AM		Y	-	-					501	721,893	24.00	-	-	-	-	-	-
Tue-3/28/17	3:00 AM		Y	-	-					487	701,988	24.00	-	-	-	-	-	-
Wed-3/29/17	3:00 AM		Y	-	-					501	721,370	24.00	-	-	-	-	-	-
Thu-3/30/17	3:00 AM		Y	-	-					499	660,669	22.05	-	-	-	-	-	-
Fri-3/31/17	3:00 AM		Y	-	-					500	720,346	24.00	-	-	-	-	-	-
		TOTALS			-	-			-		22,186,908	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.

PALL Life Sciences

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
3/1/2017	0.720	*G	*G	3.8		<100	no	no	6.6	6.6	<5	36
3/2/2017	0.719			3.7		<100	no	yes	6.6	6.6	<5	
3/3/2017	0.719					<100	no	no	6.9	6.9		47
3/4/2017	0.719											
3/5/2017	0.720			4							6.2	
3/6/2017	0.720			4.2	0.420	<100	yes	yes	6.6	6.6	7.2	45
3/7/2017	0.721			4.4		<100	no	no	6.7	6.7	5.6	
3/8/2017	0.687			4.7		<100	no	no	6.7	6.7	6.9	
3/9/2017	0.720			4.4		<100	no	yes	6.6	6.6	7.1	46
3/10/2017	0.720					<100	no	no	6.6	6.6		
3/11/2017	0.720											
3/12/2017	0.720			3.8							5.7	
3/13/2017	0.719			4.1	0.380	<100	yes	yes	6.6	6.6	6.6	32
3/14/2017	0.720			4.1		<100	no	no	6.7	6.7	6.7	
3/15/2017	0.720			4		<100	no	no	6.6	6.6	6.1	
3/16/2017	0.720			4		<100	no	yes	6.6	6.6	6.5	36
3/17/2017	0.696					<100	no	no	6.6	6.6		
3/18/2017	0.720											
3/19/2017	0.720			3.6							6.3	
3/20/2017	0.720			3.8	0.370	<100	yes	yes	6.6	6.6	6.2	25
3/21/2017	0.721			3.8		<100	no	no	6.6	6.6	5.7	
3/22/2017	0.715			3.9		<100	no	no	6.6	6.6	5.9	
3/23/2017	0.721			3.7		<100	no	yes	6.6	6.6	6.4	68
3/24/2017	0.721					<100	no	no	6.6	6.6		
3/25/2017	0.721											
3/26/2017	0.722			3.6							6.2	
3/27/2017	0.722			3.6	0.390	<100	yes	yes	6.6	6.6	6.8	40
3/28/2017	0.702			3.7		<100	no	no	6.6	6.6	6.7	
3/29/2017	0.721			3.7		<100	no	no	6.5	6.5	7.9	
3/30/2017	0.661			3.4		<100	no	yes	6.6	6.6	7.5	40
3/31/2017	0.720					<100	no	no	6.6	6.6		
Discharged	22.187											
Monthly Avg				3.9							5.9	