



Geiman Sciences, Inc. d/b/a  
Pall Life Sciences  
642 South Wagner Road  
Ann Arbor, MI 48103  
734.436.4025 phone  
734.436.4040 fax

March 8, 2018

Jeff Surfus  
Surface Water Quality Division  
Michigan Department of Environmental Quality  
301 East Louis Glick Highway  
Jackson, Michigan 49201

**Re: Monitoring Report # 250  
February 1 – February 28, 2018**

Dear Mr. Surfus:

Pursuant to the National Pollutant Discharge Elimination System (NPDES) Permit No. MI0048453, please find the enclosed Monitoring Report for the period of February 1 through February 28, 2018.

Should you have any questions or concerns regarding this report, please contact me at 386-562-0176.

Sincerely,

A handwritten signature in black ink, appearing to read "L. Gelb", written over a horizontal line.

Lawrence J. Gelb  
Sr. Director Global EHS

cc: Dan Hamel, MDEQ  
Supervisor, Scio Twp.  
Matthew Naud, City of Ann Arbor



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**UNIT D2 UPGRADIENT EXTRACTION DATA**

**Month of: Feb-18**

Date	TW-21			Daily Flow	Daily Total
	TW-21			GPM	Gallons
	Gallons	GPM	Run Hrs.		
Thu-2/1/18	86,352	60	24.00	60	86,352
Fri-2/2/18	86,282	60	24.00	60	86,282
Sat-2/3/18	86,311	60	24.00	60	86,311
Sun-2/4/18	86,374	60	24.00	60	86,374
Mon-2/5/18	81,813	57	24.00	57	81,813
Tue-2/6/18	79,094	55	24.00	55	79,094
Wed-2/7/18	79,059	55	24.00	55	79,059
Thu-2/8/18	79,073	55	24.00	55	79,073
Fri-2/9/18	79,086	55	24.00	55	79,086
Sat-2/10/18	79,097	55	24.00	55	79,097
Sun-2/11/18	79,087	55	24.00	55	79,087
Mon-2/12/18	79,141	55	24.00	55	79,141
Tue-2/13/18	79,085	55	24.00	55	79,085
Wed-2/14/18	79,172	55	24.00	55	79,172
Thu-2/15/18	79,195	55	24.00	55	79,195
Fri-2/16/18	79,121	55	24.00	55	79,121
Sat-2/17/18	79,131	55	24.00	55	79,131
Sun-2/18/18	79,171	55	24.00	55	79,171
Mon-2/19/18	79,192	55	24.00	55	79,192
Tue-2/20/18	55,628	55	16.85	39	55,628
Wed-2/21/18	56,643	55	17.17	39	56,643
Thu-2/22/18	79,192	55	24.00	55	79,192
Fri-2/23/18	79,228	55	24.00	55	79,228
Sat-2/24/18	79,166	55	24.00	55	79,166
Sun-2/25/18	79,122	55	24.00	55	79,122
Mon-2/26/18	79,147	55	24.00	55	79,147
Tue-2/27/18	79,144	55	24.00	55	79,144
Wed-2/28/18	79,150	55	24.00	55	79,150
<b>TOTALS</b>	<b>2,201,256</b>	<b>56</b>	<b>658.02</b>	<b>55</b>	<b>2,201,256</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>2,201,256 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>28 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>54.59 GPM</b>

02/20/18 - 02/21/18 - Extraction and treatment were shut down for maintenance.

**UNIT D2 DOWNGRADIENT EXTRACTION DATA**

Month of: Feb-18

Date	LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-2/1/18	144,256	100	24.00	100	144,256
Fri-2/2/18	119,498	100	19.91	83	119,498
Sat-2/3/18	144,220	100	24.00	100	144,220
Sun-2/4/18	144,168	100	24.00	100	144,168
Mon-2/5/18	144,260	100	24.00	100	144,260
Tue-2/6/18	144,198	100	24.00	100	144,198
Wed-2/7/18	144,219	100	24.00	100	144,219
Thu-2/8/18	144,204	100	24.00	100	144,204
Fri-2/9/18	144,250	100	24.00	100	144,250
Sat-2/10/18	144,222	100	24.00	100	144,222
Sun-2/11/18	144,145	100	24.00	100	144,145
Mon-2/12/18	141,962	100	23.65	99	141,962
Tue-2/13/18	144,209	100	24.00	100	144,209
Wed-2/14/18	144,258	100	24.00	100	144,258
Thu-2/15/18	144,200	100	24.00	100	144,200
Fri-2/16/18	144,192	100	24.00	100	144,192
Sat-2/17/18	144,217	100	24.00	100	144,217
Sun-2/18/18	144,213	100	24.00	100	144,213
Mon-2/19/18	144,189	100	24.00	100	144,189
Tue-2/20/18	115,055	100	19.16	80	115,055
Wed-2/21/18	90,985	100	15.13	63	90,985
Thu-2/22/18	144,220	100	24.00	100	144,220
Fri-2/23/18	144,241	100	24.00	100	144,241
Sat-2/24/18	144,228	100	24.00	100	144,228
Sun-2/25/18	144,196	100	24.00	100	144,196
Mon-2/26/18	144,238	100	24.00	100	144,238
Tue-2/27/18	144,191	100	24.00	100	144,191
Wed-2/28/18	144,203	100	24.00	100	144,203
<b>TOTALS</b>	<b>3,928,637</b>	<b>100</b>	<b>653.85</b>	<b>97</b>	<b>3,928,637</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>3,928,637 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>28 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>97.44 GPM</b>

02/02/18 - LB-4 was shut down briefly for maintenance.

02/20/18 - 02/21/18 - Extraction and treatment were shut down for maintenance.

**CORE AREA EXTRACTION DATA**

Month of: Feb-18

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-2/1/18	32,180	22	24.00	-	-	-	42,954	30	24.00	52	75,134
Fri-2/2/18	29,945	21	24.00	12,332	60	3.42	43,193	30	24.00	59	85,470
Sat-2/3/18	31,369	22	24.00	-	-	-	43,123	30	24.00	52	74,492
Sun-2/4/18	34,589	24	24.00	-	-	-	43,647	30	24.00	54	78,236
Mon-2/5/18	35,309	25	24.00	-	-	-	43,558	30	24.00	55	78,867
Tue-2/6/18	35,762	25	24.00	-	-	-	43,469	30	24.00	55	79,231
Wed-2/7/18	36,205	25	24.00	-	-	-	43,466	30	24.00	55	79,671
Thu-2/8/18	36,431	25	24.00	-	-	-	43,455	30	24.00	55	79,886
Fri-2/9/18	36,677	25	24.00	-	-	-	43,381	30	24.00	56	80,058
Sat-2/10/18	37,119	26	24.00	-	-	-	43,315	30	24.00	56	80,434
Sun-2/11/18	37,314	26	24.00	-	-	-	43,080	30	24.00	56	80,394
Mon-2/12/18	37,257	26	24.00	-	-	-	43,418	30	24.00	56	80,675
Tue-2/13/18	35,698	25	24.00	-	-	-	43,670	30	24.00	55	79,368
Wed-2/14/18	36,917	26	24.00	-	-	-	43,392	30	24.00	56	80,309
Thu-2/15/18	37,277	26	24.00	-	-	-	43,278	30	24.00	56	80,555
Fri-2/16/18	37,241	26	24.00	-	-	-	43,199	30	24.00	56	80,440
Sat-2/17/18	33,938	24	24.00	-	-	-	43,610	30	24.00	54	77,548
Sun-2/18/18	35,072	24	24.00	-	-	-	43,340	30	24.00	54	78,412
Mon-2/19/18	37,481	26	24.00	-	-	-	43,111	30	24.00	56	80,592
Tue-2/20/18	28,666	26	18.07	-	-	-	32,593	30	18.03	43	61,259
Wed-2/21/18	26,428	28	16.02	-	-	-	28,893	30	16.03	38	55,321
Thu-2/22/18	39,212	27	24.00	-	-	-	43,325	30	24.00	57	82,537
Fri-2/23/18	39,368	27	24.00	-	-	-	43,094	30	24.00	57	82,462
Sat-2/24/18	39,487	27	24.00	-	-	-	42,832	30	24.00	57	82,319
Sun-2/25/18	39,613	28	24.00	-	-	-	42,932	30	24.00	57	82,545
Mon-2/26/18	39,724	28	24.00	-	-	-	43,050	30	24.00	57	82,774
Tue-2/27/18	39,851	28	24.00	-	-	-	43,295	30	24.00	58	83,146
Wed-2/28/18	39,966	28	24.00	-	-	-	43,139	30	24.00	58	83,105
<b>TOTALS</b>	<b>1,006,096</b>	<b>26</b>	<b>658.08</b>	<b>12,332</b>	<b>60</b>	<b>3.42</b>	<b>1,186,812</b>	<b>30</b>	<b>658.07</b>	<b>55</b>	<b>2,205,240</b>

TOTAL VOLUME EXTRACTED :	2,205,240 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	54.69 GPM

02/02/18 - TW-14 was turned on briefly to maintain the Pond level.  
 02/20/18 - 02/21/18 - Extraction and treatment were shut down for maintenance.

**MARSHY AREA EXTRACTION DATA**

**Month of: Feb-18**

<b>Marshy Well Extraction</b>				<b>Daily Flow</b>	<b>Daily Total</b>
<b>Date</b>	<b>PW-1 Gallons</b>	<b>GPM</b>	<b>Run Hrs.</b>	<b>GPM</b>	<b>Gallons</b>
Thu-2/1/18	3,896	3	24.00	3	3,896
Fri-2/2/18	3,844	3	24.00	3	3,844
Sat-2/3/18	3,812	3	24.00	3	3,812
Sun-2/4/18	3,758	3	24.00	3	3,758
Mon-2/5/18	3,552	2	24.00	2	3,552
Tue-2/6/18	3,122	2	24.00	2	3,122
Wed-2/7/18	3,154	2	24.00	2	3,154
Thu-2/8/18	3,150	2	24.00	2	3,150
Fri-2/9/18	3,062	2	24.00	2	3,062
Sat-2/10/18	2,959	2	24.00	2	2,959
Sun-2/11/18	2,929	2	24.00	2	2,929
Mon-2/12/18	2,929	2	24.00	2	2,929
Tue-2/13/18	2,822	2	24.00	2	2,822
Wed-2/14/18	2,709	2	24.00	2	2,709
Thu-2/15/18	2,638	2	24.00	2	2,638
Fri-2/16/18	2,692	2	24.00	2	2,692
Sat-2/17/18	2,415	2	24.00	2	2,415
Sun-2/18/18	2,091	1	24.00	1	2,091
Mon-2/19/18	2,136	1	24.00	1	2,136
Tue-2/20/18	2,198	2	24.00	2	2,198
Wed-2/21/18	2,513	2	24.00	2	2,513
Thu-2/22/18	2,577	2	24.00	2	2,577
Fri-2/23/18	2,624	2	24.00	2	2,624
Sat-2/24/18	2,625	2	24.00	2	2,625
Sun-2/25/18	2,628	2	24.00	2	2,628
Mon-2/26/18	2,613	2	24.00	2	2,613
Tue-2/27/18	2,616	2	24.00	2	2,616
Wed-2/28/18	2,571	2	24.00	2	2,571
<b>TOTALS</b>	<b>80,635</b>	<b>2</b>	<b>672.00</b>	<b>2</b>	<b>80,635</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>80,635 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>28 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>2.00 GPM</b>

**SOUTHWEST AREA EXTRACTION DATA**

**Month of: Feb-18**

South West Well Extraction				Daily	Daily
Date	ACTIVE WELLS			Flow	Total
	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-2/1/18	28,613	20	24.00	20	28,613
Fri-2/2/18	28,209	20	24.00	20	28,209
Sat-2/3/18	28,158	20	24.00	20	28,158
Sun-2/4/18	28,043	19	24.00	19	28,043
Mon-2/5/18	27,635	19	24.00	19	27,635
Tue-2/6/18	27,403	19	24.00	19	27,403
Wed-2/7/18	27,367	19	24.00	19	27,367
Thu-2/8/18	27,162	19	24.00	19	27,162
Fri-2/9/18	27,067	19	24.00	19	27,067
Sat-2/10/18	26,872	19	24.00	19	26,872
Sun-2/11/18	26,752	19	24.00	19	26,752
Mon-2/12/18	26,199	18	24.00	18	26,199
Tue-2/13/18	26,173	18	24.00	18	26,173
Wed-2/14/18	26,128	18	24.00	18	26,128
Thu-2/15/18	25,959	18	24.00	18	25,959
Fri-2/16/18	25,428	18	24.00	18	25,428
Sat-2/17/18	25,303	18	24.00	18	25,303
Sun-2/18/18	24,996	17	24.00	17	24,996
Mon-2/19/18	24,936	17	24.00	17	24,936
Tue-2/20/18	17,521	16	18.00	12	17,521
Wed-2/21/18	18,455	19	15.98	13	18,455
Thu-2/22/18	26,130	18	24.00	18	26,130
Fri-2/23/18	26,191	18	24.00	18	26,191
Sat-2/24/18	26,216	18	24.00	18	26,216
Sun-2/25/18	26,222	18	24.00	18	26,222
Mon-2/26/18	26,043	18	24.00	18	26,043
Tue-2/27/18	25,966	18	24.00	18	25,966
Wed-2/28/18	25,998	18	24.00	18	25,998
<b>TOTALS</b>	<b>727,145</b>	<b>18</b>	<b>657.98</b>	<b>18</b>	<b>727,145</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>727,145 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>28 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>18.03 GPM</b>

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

02/20/18 - 02/21/18 - Extraction and treatment were shut down for maintenance.

**UNIT "E" EXTRACTION DATA**

Month of: Feb-18

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-2/1/18	-	-	-	234,119	163	24.00	45,037	31	24.00	99,376	69	24.00	263	378,532
Fri-2/2/18	15,303	75	3.40	234,171	163	24.00	35,984	31	19.30	79,900	69	19.30	254	365,358
Sat-2/3/18	-	-	-	234,126	163	24.00	44,808	31	24.00	99,534	69	24.00	263	378,468
Sun-2/4/18	-	-	-	234,139	163	24.00	44,818	31	24.00	99,314	69	24.00	263	378,271
Mon-2/5/18	-	-	-	230,031	160	24.00	44,795	31	24.00	99,461	69	24.00	260	374,287
Tue-2/6/18	-	-	-	226,894	158	24.00	44,757	31	24.00	99,396	69	24.00	258	371,047
Wed-2/7/18	-	-	-	226,890	158	24.00	44,734	31	24.00	99,426	69	24.00	258	371,050
Thu-2/8/18	-	-	-	226,931	158	24.00	44,991	31	24.00	99,361	69	24.00	258	371,283
Fri-2/9/18	-	-	-	226,901	158	24.00	45,170	31	24.00	99,392	69	24.00	258	371,463
Sat-2/10/18	-	-	-	226,928	158	24.00	45,144	31	24.00	99,357	69	24.00	258	371,429
Sun-2/11/18	-	-	-	226,958	158	24.00	43,499	31	23.10	95,996	69	23.10	254	366,453
Mon-2/12/18	-	-	-	226,947	158	24.00	44,050	31	24.00	99,320	69	24.00	257	370,317
Tue-2/13/18	-	-	-	226,932	158	24.00	43,964	31	24.00	99,443	69	24.00	257	370,339
Wed-2/14/18	-	-	-	226,920	158	24.00	43,930	31	24.00	99,402	69	24.00	257	370,252
Thu-2/15/18	-	-	-	226,921	158	24.00	43,889	30	24.00	99,350	69	24.00	257	370,160
Fri-2/16/18	-	-	-	226,933	158	24.00	43,739	30	24.00	99,421	69	24.00	257	370,093
Sat-2/17/18	-	-	-	226,818	158	24.00	43,751	30	24.00	99,428	69	24.00	257	369,997
Sun-2/18/18	-	-	-	226,860	158	24.00	43,711	30	24.00	99,345	69	24.00	257	369,916
Mon-2/19/18	-	-	-	226,884	158	24.00	43,724	30	24.00	99,444	69	24.00	257	370,052
Tue-2/20/18	-	-	-	170,109	158	18.00	30,812	30	16.90	70,187	69	16.90	188	271,108
Wed-2/21/18	-	-	-	151,401	157	16.03	32,099	31	17.30	71,884	69	17.40	177	255,384
Thu-2/22/18	-	-	-	226,707	157	24.00	44,451	31	24.00	99,512	69	24.00	257	370,670
Fri-2/23/18	-	-	-	226,728	157	24.00	44,518	31	24.00	99,522	69	24.00	257	370,768
Sat-2/24/18	-	-	-	226,682	157	24.00	44,475	31	24.00	99,455	69	24.00	257	370,612
Sun-2/25/18	-	-	-	226,725	157	24.00	44,462	31	24.00	99,426	69	24.00	257	370,613
Mon-2/26/18	-	-	-	226,705	157	24.00	44,456	31	24.00	99,320	69	24.00	257	370,481
Tue-2/27/18	-	-	-	226,701	157	24.00	44,465	31	24.00	99,352	69	24.00	257	370,518
Wed-2/28/18	-	-	-	226,699	157	24.00	44,421	31	24.00	99,368	69	24.00	257	370,488
<b>TOTALS</b>	<b>15,303</b>	<b>75</b>	<b>3.40</b>	<b>6,251,760</b>	<b>158</b>	<b>658.03</b>	<b>1,208,654</b>	<b>31</b>	<b>652.60</b>	<b>2,703,692</b>	<b>69</b>	<b>652.70</b>	<b>252</b>	<b>10,179,409</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>10,179,409 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>28 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>252.47 GPM</b>

02/02/18 - TW-17 was turned on briefly to maintain the Pond level.  
 02/20/18 - 02/21/18 - Extraction and treatment were shut down for maintenance.



**TABLE #7**

**Little Lake Area System**

MW-53i	
Date	1,4-Dioxane ug/L
11/13/17	37
12/20/17	40
01/08/18	35
02/06/18	30

A2 Cleaning Supply	
Date	1,4-Dioxane ug/L
11/13/17	75
12/21/17	84
01/09/18	87
02/13/18	69

**TABLE #8**

**INDIVIDUAL PURGE WELL CONCENTRATIONS**

<b>SAMPLE ID</b>	<b>Date Sampled</b>	<b>1,4-DIOXANE (ppb)</b>
DOLPH-02-06-18-14:35-1	02/06/18	94
TW-20-02-06-18-14:48-1	02/06/18	760
LB-4-02-06-18-09:23-1	02/06/18	420
TW-21-02-06-18-09:37-1	02/06/18	190
TW-18-02-06-18-09:44-1	02/06/18	220
TW-19-02-08-18-11:30-1	02/08/18	620
TW-23-02-08-18-11:32-1	02/08/18	400
PW-1-02-06-18-14:38-1	02/06/18	800
TW-22-02-06-18-15:08-1	02/06/18	380
TW-8-02-06-18-15:06-1	02/06/18	570

**RED POND DATA**

**Month of: Feb-18**

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Thu-2/1/18	3:05		Y	5.2	-	24.00	498
Fri-2/2/18	3:00		Y	5.1	-	24.00	478
Sat-2/3/18	3:00	(1)		5.1	-	24.00	497
Sun-2/4/18	3:00	(1)		5.2	-	24.00	499
Mon-2/5/18	3:00		Y	5.3	-	24.00	493
Tue-2/6/18	3:00		Y	5.3	-	24.00	489
Wed-2/7/18	3:00		Y	5.3	-	24.00	489
Thu-2/8/18	3:00		Y	5.3	-	24.00	489
Fri-2/9/18	3:00		Y	5.3	-	24.00	490
Sat-2/10/18	3:00	(1)		5.3	-	24.00	490
Sun-2/11/18	3:00	(1)		5.3	-	24.00	486
Mon-2/12/18	3:00		Y	5.3	-	24.00	487
Tue-2/13/18	3:00		Y	5.2	-	24.00	487
Wed-2/14/18	3:00		Y	5.2	-	24.00	488
Thu-2/15/18	3:00		Y	5.2	-	24.00	488
Fri-2/16/18	3:00		Y	5.2	-	24.00	487
Sat-2/17/18	3:00	(1)		5.2	-	24.00	485
Sun-2/18/18	3:00	(1)		5.2	-	24.00	485
Mon-2/19/18	3:00		Y	5.1	-	24.00	487
Tue-2/20/18	3:00		Y	5.2	-	24.00	363
Wed-2/21/18	3:00		Y	5.4	-	24.00	333
Thu-2/22/18	3:00		Y	5.4	-	24.00	490
Fri-2/23/18	3:00		Y	5.4	-	24.00	490
Sat-2/24/18	3:00	(1)		5.4	-	24.00	490
Sun-2/25/18	3:00	(1)		5.4	-	24.00	490
Mon-2/26/18	3:00		Y	5.4	-	24.00	490
Tue-2/27/18	3:00		Y	5.4	-	24.00	490
Wed-2/28/18	3:00		Y	5.4	-	24.00	490
<b>TOTALS</b>			-	-	-	<b>672</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.

**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-02-05-18-09:07-1	2/5/2018	400
Red Pond-02-12-18-13:28-1	2/12/2018	350
Red Pond-02-20-18-08:22-1	2/20/2018	370
Red Pond-02-26-18-08:45-1	2/26/2018	380

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

OZONE OPERATION REPORT

Month of: Feb-18

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-2/1/18	3:07 AM		239	24.00	0	0.00	240	24.00	0	0.00
Fri-2/2/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-2/3/18	3:00 AM	(1)	240	23.83	0	0.00	241	23.82	0	0.00
Sun-2/4/18	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-2/5/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Tue-2/6/18	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Wed-2/7/18	3:00 AM		239	24.00	0	0.00	239	24.00	0	0.00
Thu-2/8/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-2/9/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-2/10/18	3:00 AM	(1)	239	24.00	0	0.00	241	24.00	0	0.00
Sun-2/11/18	3:00 AM	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Mon-2/12/18	3:00 AM		239	24.00	0	0.00	241	24.00	0	0.00
Tue-2/13/18	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Wed-2/14/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Thu-2/15/18	3:00 AM		240	24.00	0	0.00	241	24.00	0	0.00
Fri-2/16/18	3:00 AM		240	24.00	0	0.00	239	24.00	0	0.00
Sat-2/17/18	3:00 AM	(1)	240	23.75	0	0.00	240	23.75	0	0.00
Sun-2/18/18	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-2/19/18	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Tue-2/20/18	3:00 AM		240	16.92	0	0.00	240	16.90	0	0.00
Wed-2/21/18	3:00 AM		0	17.27	0	0.00	0	17.12	0	0.00
Thu-2/22/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Fri-2/23/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Sat-2/24/18	3:00 AM	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-2/25/18	3:00 AM	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Mon-2/26/18	3:00 AM		239	24.00	0	0.00	240	24.00	0	0.00
Tue-2/27/18	3:00 AM		240	24.00	0	0.00	240	24.00	0	0.00
Wed-2/28/18	3:00 AM		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.

02/20/18 - 02/21/18 - Extraction and treatment were shut down for maintenance.

**TABLE #12**

**GREEN POND / DISCHARGE DATA**

Month of: **Feb-18**

			Green Pond															
Date	Time	Notes	Pond	Level	Aeration	Influent	Influent	Pond Discharge		Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	Feet	Hours	Hours	GPM	GPM	Gallons	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours
Thu-2/1/18	3:05 AM		Y	-	-	-	-	-	-	496	713,638	24.00	-	-	-	-	-	-
Fri-2/2/18	3:00 AM		Y	-	-	-	-	-	-	495	713,255	24.00	-	-	-	-	-	-
Sat-2/3/18	3:00 AM	(1)		-	-	-	-	-	-	495	705,082	23.73	-	-	-	-	-	-
Sun-2/4/18	3:00 AM	(1)		-	-	-	-	-	-	495	713,506	24.00	-	-	-	-	-	-
Mon-2/5/18	3:00 AM		Y	-	-	-	-	-	-	495	713,325	24.00	-	-	-	-	-	-
Tue-2/6/18	3:00 AM		Y	-	-	-	-	-	-	495	713,432	24.00	-	-	-	-	-	-
Wed-2/7/18	3:00 AM		Y	-	-	-	-	-	-	496	713,559	24.00	-	-	-	-	-	-
Thu-2/8/18	3:00 AM		Y	-	-	-	-	-	-	495	713,498	24.00	-	-	-	-	-	-
Fri-2/9/18	3:00 AM		Y	-	-	-	-	-	-	495	713,452	24.00	-	-	-	-	-	-
Sat-2/10/18	3:00 AM	(1)		-	-	-	-	-	-	496	713,662	24.00	-	-	-	-	-	-
Sun-2/11/18	3:00 AM	(1)		-	-	-	-	-	-	496	713,787	24.00	-	-	-	-	-	-
Mon-2/12/18	3:00 AM		Y	-	-	-	-	-	-	496	713,683	24.00	-	-	-	-	-	-
Tue-2/13/18	3:00 AM		Y	-	-	-	-	-	-	496	713,717	24.00	-	-	-	-	-	-
Wed-2/14/18	3:00 AM		Y	-	-	-	-	-	-	496	714,098	24.00	-	-	-	-	-	-
Thu-2/15/18	3:00 AM		Y	-	-	-	-	-	-	496	714,481	24.00	-	-	-	-	-	-
Fri-2/16/18	3:00 AM		Y	-	-	-	-	-	-	496	714,068	24.00	-	-	-	-	-	-
Sat-2/17/18	3:00 AM	(1)		-	-	-	-	-	-	495	703,891	23.68	-	-	-	-	-	-
Sun-2/18/18	3:00 AM	(1)		-	-	-	-	-	-	496	713,787	24.00	-	-	-	-	-	-
Mon-2/19/18	3:00 AM		Y	-	-	-	-	-	-	496	713,779	24.00	-	-	-	-	-	-
Tue-2/20/18	3:00 AM		Y	-	-	-	-	-	-	496	501,491	16.87	-	-	-	-	-	-
Wed-2/21/18	3:00 AM		Y	-	-	-	-	-	-	493	510,257	17.23	-	-	-	-	-	-
Thu-2/22/18	3:00 AM		Y	-	-	-	-	-	-	496	713,763	24.00	-	-	-	-	-	-
Fri-2/23/18	3:00 AM		Y	-	-	-	-	-	-	496	713,808	24.00	-	-	-	-	-	-
Sat-2/24/18	3:00 AM	(1)		-	-	-	-	-	-	496	713,807	24.00	-	-	-	-	-	-
Sun-2/25/18	3:00 AM	(1)		-	-	-	-	-	-	496	713,891	24.00	-	-	-	-	-	-
Mon-2/26/18	3:00 AM		Y	-	-	-	-	-	-	496	713,837	24.00	-	-	-	-	-	-
Tue-2/27/18	3:00 AM		Y	-	-	-	-	-	-	496	713,989	24.00	-	-	-	-	-	-
Wed-2/28/18	3:00 AM		Y	-	-	-	-	-	-	496	714,241	24.00	-	-	-	-	-	-
<b>TOTALS</b>											<b>19,550,784</b>	<b>658</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.

**TABLE #13**  
**Daily Discharge Monitoring Report**

	(Daily)	Quarterly		(Effluent - Outfall)	(Influent - Red Pond)	(Effluent - Outfall)	(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	Hydrogen Peroxide	Outfall Observation	Equipment Inspection	pH (Min. Daily)	pH (Max. Daily)	Bromate	Sodium Bisulfite Dose Rate
PARAMETER CODE	50050	1007	1007	82388	82388	00139	00139	84130	46478	00400	00400	99814	99798
MONITORING PT.	001A	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	1
UNIT	MGD	ug/l	lbs/day	ug/l	mg/l	ug/l *	lbs/day*	yes/no	yes/no	S.U.	S.U.	ug/l	mg/l
2/1/2018	0.714	*G	*G	5.9		<50	<0.16	no	yes	6.9	6.9	8.3	40
2/2/2018	0.713					<50	<0.16	no	no	6.8	6.8		
2/3/2018	0.705												
2/4/2018	0.714			6.1								8.1	
2/5/2018	0.713			5.7	0.400	<50	<0.16	yes	yes	6.7	6.7	8.0	68
2/6/2018	0.713			5.5		<50	<0.16	no	no	6.8	6.8	7.4	
2/7/2018	0.714			5.2		<50	<0.16	no	no	6.8	6.8	7.0	
2/8/2018	0.713			5.2		<50	<0.16	no	yes	6.7	6.7	8.0	60
2/9/2018	0.713							no	no				
2/10/2018	0.714												
2/11/2018	0.714			5.1								7.7	
2/12/2018	0.714			5.4	0.350	<50	<0.16	yes	yes	6.7	6.7	6.1	40
2/13/2018	0.714			6.1		<50	<0.16	no	no	6.8	6.8	6.6	
2/14/2018	0.714			5.7		<50	<0.16	no	no	6.8	6.8	7.7	
2/15/2018	0.714			5.8		<50	<0.16	no	yes	6.7	6.7	7.3	35
2/16/2018	0.714					<50	<0.16	no	no	6.8	6.8		
2/17/2018	0.704												
2/18/2018	0.714			5.5								6.8	
2/19/2018	0.714			5.2				no	no			7.4	
2/20/2018	0.501			4.6	0.370	<50	<0.16	yes	yes	6.6	6.6	7.8	65
2/21/2018	0.510			5.0		<50	<0.16	no	no	6.9	6.9	7.0	
2/22/2018	0.714			5.4		<50	<0.16	no	yes	6.9	6.9	7.1	70
2/23/2018	0.714					<50	<0.16	no	no	6.7	6.7		
2/24/2018	0.714												
2/25/2018	0.714			5.9								7.3	
2/26/2018	0.714			6.2	0.380	<50	<0.16	yes	yes	6.6	6.6	6.6	65
2/27/2018	0.714			6.2		<50	<0.16	no	no	6.7	6.7	7.3	
2/28/2018	0.714			6.0		<50	<0.16	no	no	6.6	6.6	6.2	
<b>Discharged (mg)</b>	<b>19.551</b>												
<b>Monthly Avg</b>				<b>5.6</b>								<b>7.3</b>	

\*Based on the approved test method listed in Part I, Section A.1.f. of the NPDES permit.

2/9/18 - Snowstorm

2/19/18 - Presidents' Day