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June 10, 2020

Claire Dijak
Surface Water Quality Division
Michigan Department of EGLE
301 East Louis Glick Highway
Jackson, Michigan 49201

**Re: Monitoring Report # 277
May 1 – May 31, 2020**

Dear Ms. Dijak:

Pursuant to the National Pollutant Discharge Elimination System (NPDES) Permit No. MI0048453, please find the enclosed Monitoring Report for the period of May 1 through May 31, 2020.

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", with a horizontal line extending to the right.

Lawrence J. Gelb
Sr. Director Global EHS

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



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TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **May-20**

Date	Horizontal Well Extraction			TW-9			TW-5			TW-21			Daily Flow	Daily Total
	HW-S Gallons	GPM	Run Hrs.	TW-9 Gallons	GPM	Run Hrs.	TW-5 Gallons	GPM	Run Hrs.	TW-21 Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-5/1/20	-	-	-	-	-	-	-	-	-	72,130	50	24.00	50	72,130
Sat-5/2/20	-	-	-	-	-	-	-	-	-	72,165	50	24.00	50	72,165
Sun-5/3/20	-	-	-	-	-	-	-	-	-	72,183	50	24.00	50	72,183
Mon-5/4/20	-	-	-	-	-	-	-	-	-	72,110	50	24.00	50	72,110
Tue-5/5/20	-	-	-	-	-	-	-	-	-	72,078	50	24.00	50	72,078
Wed-5/6/20	-	-	-	-	-	-	-	-	-	72,119	50	24.00	50	72,119
Thu-5/7/20	-	-	-	-	-	-	-	-	-	72,150	50	24.00	50	72,150
Fri-5/8/20	-	-	-	-	-	-	-	-	-	72,078	50	24.00	50	72,078
Sat-5/9/20	-	-	-	-	-	-	-	-	-	72,059	50	24.00	50	72,059
Sun-5/10/20	-	-	-	-	-	-	-	-	-	72,090	50	24.00	50	72,090
Mon-5/11/20	-	-	-	-	-	-	-	-	-	72,058	50	24.00	50	72,058
Tue-5/12/20	-	-	-	-	-	-	-	-	-	72,114	50	24.00	50	72,114
Wed-5/13/20	-	-	-	-	-	-	-	-	-	72,136	50	24.00	50	72,136
Thu-5/14/20	-	-	-	-	-	-	-	-	-	72,128	50	24.00	50	72,128
Fri-5/15/20	-	-	-	-	-	-	-	-	-	72,195	50	24.00	50	72,195
Sat-5/16/20	-	-	-	-	-	-	-	-	-	72,201	50	24.00	50	72,201
Sun-5/17/20	-	-	-	-	-	-	-	-	-	72,172	50	24.00	50	72,172
Mon-5/18/20	-	-	-	-	-	-	-	-	-	72,155	50	24.00	50	72,155
Tue-5/19/20	-	-	-	-	-	-	-	-	-	72,161	50	24.00	50	72,161
Wed-5/20/20	-	-	-	-	-	-	-	-	-	72,196	50	24.00	50	72,196
Thu-5/21/20	-	-	-	-	-	-	-	-	-	72,240	50	24.00	50	72,240
Fri-5/22/20	-	-	-	-	-	-	-	-	-	72,197	50	24.00	50	72,197
Sat-5/23/20	-	-	-	-	-	-	-	-	-	72,255	50	24.00	50	72,255
Sun-5/24/20	-	-	-	-	-	-	-	-	-	72,299	50	24.00	50	72,299
Mon-5/25/20	-	-	-	-	-	-	-	-	-	72,326	50	24.00	50	72,326
Tue-5/26/20	-	-	-	-	-	-	-	-	-	72,335	50	24.00	50	72,335
Wed-5/27/20	-	-	-	-	-	-	-	-	-	72,308	50	24.00	50	72,308
Thu-5/28/20	-	-	-	-	-	-	-	-	-	72,254	50	24.00	50	72,254
Fri-5/29/20	-	-	-	-	-	-	-	-	-	72,225	50	24.00	50	72,225
Sat-5/30/20	-	-	-	-	-	-	-	-	-	72,213	50	24.00	50	72,213
Sun-5/31/20	-	-	-	-	-	-	-	-	-	72,171	50	24.00	50	72,171.00
TOTALS	-	-	-	-	-	-	-	-	-	2,237,501	50	744.00	50	2,237,501

TOTAL VOLUME EXTRACTED :	2,237,501 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	50.12 GPM

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: May-20

Date	LB-1			LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Fri-5/1/20	-	-	-	144,152	100	24.00	100	144,152
Sat-5/2/20	-	-	-	144,179	100	24.00	100	144,179
Sun-5/3/20	-	-	-	144,193	100	24.00	100	144,193
Mon-5/4/20	-	-	-	144,210	100	24.00	100	144,210
Tue-5/5/20	-	-	-	144,167	100	24.00	100	144,167
Wed-5/6/20	-	-	-	144,178	100	24.00	100	144,178
Thu-5/7/20	-	-	-	144,190	100	24.00	100	144,190
Fri-5/8/20	-	-	-	144,152	100	24.00	100	144,152
Sat-5/9/20	-	-	-	144,139	100	24.00	100	144,139
Sun-5/10/20	-	-	-	144,158	100	24.00	100	144,158
Mon-5/11/20	-	-	-	144,178	100	24.00	100	144,178
Tue-5/12/20	-	-	-	144,138	100	24.00	100	144,138
Wed-5/13/20	-	-	-	144,140	100	24.00	100	144,140
Thu-5/14/20	-	-	-	144,158	100	24.00	100	144,158
Fri-5/15/20	-	-	-	144,147	100	24.00	100	144,147
Sat-5/16/20	-	-	-	144,161	100	24.00	100	144,161
Sun-5/17/20	-	-	-	144,144	100	24.00	100	144,144
Mon-5/18/20	-	-	-	144,168	100	24.00	100	144,168
Tue-5/19/20	-	-	-	144,151	100	24.00	100	144,151
Wed-5/20/20	-	-	-	144,178	100	24.00	100	144,178
Thu-5/21/20	-	-	-	144,192	100	24.00	100	144,192
Fri-5/22/20	-	-	-	144,183	100	24.00	100	144,183
Sat-5/23/20	-	-	-	144,158	100	24.00	100	144,158
Sun-5/24/20	-	-	-	144,155	100	24.00	100	144,155
Mon-5/25/20	-	-	-	144,137	100	24.00	100	144,137
Tue-5/26/20	-	-	-	144,193	100	24.00	100	144,193
Wed-5/27/20	-	-	-	144,138	100	24.00	100	144,138
Thu-5/28/20	-	-	-	144,165	100	24.00	100	144,165
Fri-5/29/20	-	-	-	144,175	100	24.00	100	144,175
Sat-5/30/20	-	-	-	144,166	100	24.00	100	144,166
Sun-5/31/20	-	-	-	144,186	100	24.00	100	144,186.00
TOTALS	-	-	-	4,469,129	100	744.00	100	4,469,129

TOTAL VOLUME EXTRACTED :	4,469,129 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	100.11 GPM

TABLE #3

CORE AREA EXTRACTION DATA

Month of: **May-20**

Core Area Well Extraction																		Daily	Daily	
Date	TW-1			TW-2 (Dolph)			TW-3			TW-10			TW-14			TW-20			Flow GPM	Total Gallons
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.		
Fri-5/1/20	-	-	-	27,032	19	24.00	-	-	-	-	-	-	-	-	-	43,465	30	24.00	49	70,497
Sat-5/2/20	-	-	-	27,168	19	24.00	-	-	-	-	-	-	-	-	-	43,474	30	24.00	49	70,642
Sun-5/3/20	-	-	-	27,281	19	24.00	-	-	-	-	-	-	-	-	-	43,173	30	24.00	49	70,454
Mon-5/4/20	-	-	-	27,110	19	24.00	-	-	-	-	-	-	-	-	-	43,382	30	24.00	49	70,492
Tue-5/5/20	-	-	-	27,076	19	24.00	-	-	-	-	-	-	-	-	-	43,566	30	24.00	49	70,642
Wed-5/6/20	-	-	-	26,970	19	24.00	-	-	-	-	-	-	-	-	-	43,291	30	24.00	49	70,261
Thu-5/7/20	-	-	-	27,031	19	24.00	-	-	-	-	-	-	-	-	-	43,218	30	24.00	49	70,249
Fri-5/8/20	-	-	-	26,805	19	24.00	-	-	-	-	-	-	-	-	-	43,203	30	24.00	49	70,008
Sat-5/9/20	-	-	-	26,515	18	24.00	-	-	-	-	-	-	-	-	-	43,166	30	24.00	48	69,681
Sun-5/10/20	-	-	-	26,584	18	24.00	-	-	-	-	-	-	-	-	-	43,026	30	24.00	48	69,610
Mon-5/11/20	-	-	-	26,323	18	24.00	-	-	-	-	-	-	-	-	-	42,960	30	24.00	48	69,283
Tue-5/12/20	-	-	-	26,138	18	24.00	-	-	-	-	-	-	-	-	-	42,927	30	24.00	48	69,065
Wed-5/13/20	-	-	-	25,900	18	24.00	-	-	-	-	-	-	-	-	-	42,908	30	24.00	48	68,808
Thu-5/14/20	-	-	-	26,180	18	24.00	-	-	-	-	-	-	-	-	-	43,156	30	24.00	48	69,336
Fri-5/15/20	-	-	-	26,194	18	24.00	-	-	-	-	-	-	-	-	-	43,211	30	24.00	48	69,405
Sat-5/16/20	-	-	-	25,755	18	24.00	-	-	-	-	-	-	-	-	-	43,118	30	24.00	48	68,873
Sun-5/17/20	-	-	-	25,777	18	24.00	-	-	-	-	-	-	-	-	-	43,054	30	23.98	48	68,831
Mon-5/18/20	-	-	-	25,905	18	24.00	-	-	-	-	-	-	-	-	-	43,052	30	24.00	48	68,957
Tue-5/19/20	-	-	-	25,578	18	24.00	-	-	-	-	-	-	-	-	-	42,984	30	24.00	48	68,562
Wed-5/20/20	-	-	-	25,316	18	24.00	-	-	-	-	-	-	-	-	-	43,233	30	24.00	48	68,549
Thu-5/21/20	-	-	-	25,313	18	24.00	-	-	-	-	-	-	-	-	-	43,202	30	24.00	48	68,515
Fri-5/22/20	-	-	-	25,408	18	24.00	-	-	-	-	-	-	-	-	-	43,189	30	24.00	48	68,597
Sat-5/23/20	-	-	-	25,367	18	24.00	-	-	-	-	-	-	-	-	-	43,258	30	24.00	48	68,625
Sun-5/24/20	-	-	-	25,301	18	24.00	-	-	-	-	-	-	-	-	-	43,261	30	24.00	48	68,562
Mon-5/25/20	-	-	-	25,171	17	24.00	-	-	-	-	-	-	-	-	-	43,116	30	24.00	47	68,287
Tue-5/26/20	-	-	-	25,060	17	24.00	-	-	-	-	-	-	-	-	-	43,074	30	24.00	47	68,134
Wed-5/27/20	-	-	-	25,009	17	24.00	-	-	-	-	-	-	-	-	-	43,160	30	24.00	47	68,169
Thu-5/28/20	-	-	-	25,041	17	24.00	-	-	-	-	-	-	-	-	-	43,345	30	24.00	47	68,386
Fri-5/29/20	-	-	-	24,892	17	24.00	-	-	-	-	-	-	-	-	-	43,447	30	24.00	47	68,339
Sat-5/30/20	-	-	-	24,575	17	24.00	-	-	-	-	-	-	-	-	-	43,404	30	24.00	47	67,979
Sun-5/31/20	-	-	-	24,297	17	24.00	-	-	-	-	-	-	-	-	-	43,224	30	24.00	47	67,521
TOTALS	-	-	-	804,072	18	744.00	-	-	-	-	-	-	-	-	-	1,339,247	30	743.98	48	2,143,319

TOTAL VOLUME EXTRACTED :	2,143,319 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	48.01 GPM



Life Sciences

TABLE #4

MARSHY AREA EXTRACTION DATA

Month of: May-20

Marshy Well Extraction				Daily	Daily
Date	PW-1 Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Fri-5/1/20	2,345	2	24.00	2	2,345
Sat-5/2/20	2,331	2	24.00	2	2,331
Sun-5/3/20	2,324	2	24.00	2	2,324
Mon-5/4/20	2,318	2	24.00	2	2,318
Tue-5/5/20	2,300	2	24.00	2	2,300
Wed-5/6/20	2,291	2	24.00	2	2,291
Thu-5/7/20	2,276	2	24.00	2	2,276
Fri-5/8/20	2,278	2	24.00	2	2,278
Sat-5/9/20	2,277	2	24.00	2	2,277
Sun-5/10/20	2,271	2	24.00	2	2,271
Mon-5/11/20	2,273	2	24.00	2	2,273
Tue-5/12/20	2,263	2	24.00	2	2,263
Wed-5/13/20	2,262	2	24.00	2	2,262
Thu-5/14/20	2,259	2	24.00	2	2,259
Fri-5/15/20	2,247	2	24.00	2	2,247
Sat-5/16/20	2,246	2	24.00	2	2,246
Sun-5/17/20	2,243	2	24.00	2	2,243
Mon-5/18/20	2,243	2	24.00	2	2,243
Tue-5/19/20	2,231	2	24.00	2	2,231
Wed-5/20/20	2,212	2	24.00	2	2,212
Thu-5/21/20	2,194	2	24.00	2	2,194
Fri-5/22/20	2,196	2	24.00	2	2,196
Sat-5/23/20	2,193	2	24.00	2	2,193
Sun-5/24/20	2,181	2	24.00	2	2,181
Mon-5/25/20	2,157	1	24.00	1	2,157
Tue-5/26/20	2,151	1	24.00	1	2,151
Wed-5/27/20	2,138	1	24.00	1	2,138
Thu-5/28/20	2,135	1	24.00	1	2,135
Fri-5/29/20	2,125	1	24.00	1	2,125
Sat-5/30/20	2,111	1	24.00	1	2,111
Sun-5/31/20	2,126	1	24.00	1	2,126
TOTALS	69,197	2	744.00	2	69,197

TOTAL VOLUME EXTRACTED :	69,197 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	1.55 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: **May-20**

SouthWest Well Extraction							Daily	Daily
Date	TW22			TW28			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Fri-5/1/20	2,724	2	24.00	35,694	25	24.00	27	38,418
Sat-5/2/20	2,718	2	24.00	35,678	25	24.00	27	38,396
Sun-5/3/20	2,709	2	24.00	35,673	25	24.00	27	38,382
Mon-5/4/20	2,747	2	23.92	35,711	25	24.00	27	38,458
Tue-5/5/20	2,778	2	24.00	35,714	25	24.00	27	38,492
Wed-5/6/20	2,751	2	24.00	35,719	25	24.00	27	38,470
Thu-5/7/20	2,743	2	24.00	35,729	25	24.00	27	38,472
Fri-5/8/20	2,719	2	24.00	35,735	25	24.00	27	38,454
Sat-5/9/20	2,718	2	24.00	35,678	25	24.00	27	38,396
Sun-5/10/20	2,711	2	24.00	35,678	25	24.00	27	38,389
Mon-5/11/20	2,672	2	24.00	36,114	25	24.00	27	38,786
Tue-5/12/20	2,641	2	24.00	36,181	25	24.00	27	38,822
Wed-5/13/20	2,634	2	24.00	36,192	25	24.00	27	38,826
Thu-5/14/20	2,622	2	24.00	36,239	25	24.00	27	38,861
Fri-5/15/20	2,610	2	24.00	36,219	25	24.00	27	38,829
Sat-5/16/20	2,608	2	24.00	36,146	25	24.00	27	38,754
Sun-5/17/20	2,599	2	24.00	36,158	25	24.00	27	38,757
Mon-5/18/20	2,591	2	24.00	36,157	25	24.00	27	38,748
Tue-5/19/20	2,584	2	24.00	36,139	25	24.00	27	38,723
Wed-5/20/20	2,576	2	24.00	36,147	25	24.00	27	38,723
Thu-5/21/20	2,567	2	24.00	36,148	25	24.00	27	38,715
Fri-5/22/20	2,568	2	24.00	36,164	25	24.00	27	38,732
Sat-5/23/20	2,561	2	24.00	36,154	25	24.00	27	38,715
Sun-5/24/20	2,385	2	23.97	36,128	25	24.00	27	38,513
Mon-5/25/20	2,554	2	24.00	35,949	25	24.00	27	38,503
Tue-5/26/20	2,406	2	24.00	35,934	25	24.00	27	38,340
Wed-5/27/20	2,348	2	24.00	35,957	25	24.00	27	38,305
Thu-5/28/20	2,300	2	24.00	35,960	25	24.00	27	38,260
Fri-5/29/20	2,306	2	24.00	35,994	25	24.00	27	38,300
Sat-5/30/20	2,263	2	24.00	35,968	25	24.00	27	38,231
Sun-5/31/20	2,230	2	24.00	35,945	25	24.00	27	38,175
TOTALS	79,943	2	743.88	1,115,002	25	744.00	27	1,194,945

TOTAL VOLUME EXTRACTED :	1,194,945 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	26.77 GPM

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: May-20

Date	TW-11			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.	Gallons	GPM	Run Hrs.		
Fri-5/1/20	-	-	-	-	-	-	218,514	152	24.00	57,577	40	24.00	86,581	60	24.00	252	362,672
Sat-5/2/20	-	-	-	-	-	-	218,450	152	24.00	57,529	40	24.00	86,573	60	24.00	252	362,552
Sun-5/3/20	-	-	-	-	-	-	218,469	152	24.00	57,531	40	24.00	86,528	60	24.00	252	362,528
Mon-5/4/20	-	-	-	-	-	-	218,435	152	24.00	57,629	40	24.00	86,563	60	24.00	252	362,627
Tue-5/5/20	-	-	-	-	-	-	218,467	152	24.00	57,630	40	24.00	86,586	60	24.00	252	362,683
Wed-5/6/20	-	-	-	-	-	-	218,425	152	24.00	57,659	40	24.00	86,540	60	24.00	252	362,624
Thu-5/7/20	-	-	-	-	-	-	218,431	152	24.00	57,623	40	24.00	86,644	60	24.00	252	362,698
Fri-5/8/20	-	-	-	-	-	-	218,359	152	24.00	57,584	40	24.00	86,580	60	24.00	252	362,523
Sat-5/9/20	-	-	-	-	-	-	218,334	152	24.00	57,614	40	24.00	86,594	60	24.00	252	362,542
Sun-5/10/20	-	-	-	-	-	-	218,330	152	24.00	57,623	40	24.00	86,603	60	24.00	252	362,556
Mon-5/11/20	-	-	-	-	-	-	218,333	152	24.00	57,541	40	24.00	86,565	60	24.00	252	362,439
Tue-5/12/20	-	-	-	-	-	-	218,336	152	24.00	57,526	40	24.00	86,572	60	24.00	252	362,434
Wed-5/13/20	-	-	-	-	-	-	218,386	152	24.00	57,487	40	24.00	86,619	60	24.00	252	362,492
Thu-5/14/20	-	-	-	-	-	-	218,388	152	24.00	57,471	40	24.00	86,633	60	24.00	252	362,492
Fri-5/15/20	-	-	-	-	-	-	218,419	152	24.00	57,463	40	24.00	86,654	60	24.00	252	362,536
Sat-5/16/20	-	-	-	-	-	-	218,457	152	24.00	57,645	40	24.00	86,571	60	24.00	252	362,673
Sun-5/17/20	-	-	-	-	-	-	218,375	152	23.98	57,636	40	24.00	86,593	60	24.00	252	362,604
Mon-5/18/20	-	-	-	-	-	-	218,411	152	24.00	57,629	40	24.00	86,517	60	24.00	252	362,557
Tue-5/19/20	-	-	-	-	-	-	218,443	152	24.00	57,600	40	24.00	86,557	60	24.00	252	362,600
Wed-5/20/20	-	-	-	-	-	-	218,381	152	24.00	57,551	40	24.00	86,538	60	24.00	252	362,470
Thu-5/21/20	-	-	-	-	-	-	218,330	152	24.00	57,535	40	24.00	86,568	60	24.00	252	362,433
Fri-5/22/20	-	-	-	-	-	-	218,279	152	24.00	57,535	40	24.00	86,550	60	24.00	252	362,364
Sat-5/23/20	-	-	-	-	-	-	218,328	152	24.00	57,525	40	24.00	86,564	60	24.00	252	362,417
Sun-5/24/20	-	-	-	-	-	-	218,404	152	24.00	57,529	40	24.00	86,549	60	24.00	252	362,482
Mon-5/25/20	-	-	-	-	-	-	218,469	152	24.00	57,601	40	24.00	86,532	60	24.00	252	362,602
Tue-5/26/20	-	-	-	-	-	-	218,538	152	24.00	57,554	40	24.00	86,539	60	24.00	252	362,631
Wed-5/27/20	-	-	-	-	-	-	218,528	152	24.00	57,544	40	24.00	86,517	60	24.00	252	362,589
Thu-5/28/20	-	-	-	-	-	-	218,476	152	24.00	57,533	40	24.00	86,501	60	24.00	252	362,510
Fri-5/29/20	-	-	-	-	-	-	218,441	152	24.00	57,562	40	24.00	86,447	60	24.00	252	362,450
Sat-5/30/20	-	-	-	-	-	-	218,409	152	24.00	57,566	40	24.00	86,481	60	24.00	252	362,456
Sun-5/31/20	-	-	-	-	-	-	218,413	152	24.00	57,544	40	24.00	86,518	60	24.00	252	362,475.00
TOTALS	-	-	-	-	-	-	6,770,758	152	743.98	1,784,576	40	744.00	2,683,377	60	744.00	252	11,238,711

TOTAL VOLUME EXTRACTED :	11,238,711 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	251.76 GPM

TABLE #7

Little Lake Area System

MW-53i	
Date	1,4-Dioxane ug/L
02/06/20	37
03/06/20	30
04/06/20	34
05/01/20	33

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
02/25/20	73
03/05/20	65
04/06/20	61
05/01/20	70

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-05-04-20-10:20-1	05/04/20	120
TW-20-05-04-20-10:25-1	05/04/20	960
LB-4-05-04-20-09:55-1	05/04/20	410
TW-21-05-04-20-10:05-1	05/04/20	300
TW-18-05-04-20-10:10-1	05/04/20	210
TW-19-05-04-20-09:45-1	05/04/20	560
TW-23-05-04-20-09:50-1	05/04/20	350
PW-1-05-04-20-10:15-1	05/04/20	540
TW-22-05-04-20-10:30-1	05/04/20	510
TW-28-05-04-20-10:35-1	05/04/20	740

RED POND DATA

Month of: **May-20**

			Red Pond				
Date	Time	Notes	Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Fri-5/1/20	04:00:00.000		Y	4.7	-	24.00	479
Sat-5/2/20	04:00:00.000	(1)		4.6	-	24.00	479
Sun-5/3/20	04:00:00.000	(1)		4.5	-	24.00	479
Mon-5/4/20	04:00:00.000		Y	4.4	-	24.00	479
Tue-5/5/20	04:00:00.000		Y	4.4	-	24.00	479
Wed-5/6/20	04:00:00.000		Y	4.3	-	24.00	479
Thu-5/7/20	04:00:00.000		Y	4.2	-	24.00	479
Fri-5/8/20	04:00:00.000		Y	4.1	-	24.00	479
Sat-5/9/20	04:00:00.000	(1)		4.0	-	24.00	479
Sun-5/10/20	04:00:00.000	(1)		3.9	-	24.00	479
Mon-5/11/20	04:00:00.000		Y	3.8	-	24.00	478
Tue-5/12/20	04:00:00.000		Y	3.7	-	24.00	478
Wed-5/13/20	04:00:00.000		Y	3.6	-	24.00	478
Thu-5/14/20	04:00:00.000		Y	3.5	-	24.00	479
Fri-5/15/20	04:00:00.000		Y	3.5	-	24.00	479
Sat-5/16/20	04:00:00.000	(1)		3.4	-	24.00	478
Sun-5/17/20	04:00:00.000	(1)		3.3	-	24.00	478
Mon-5/18/20	04:00:00.000		Y	3.8	-	24.00	478
Tue-5/19/20	04:00:00.000		Y	3.9	-	24.00	478
Wed-5/20/20	04:00:00.000		Y	3.8	-	24.00	478
Thu-5/21/20	04:00:00.000		Y	3.6	-	24.00	478
Fri-5/22/20	04:00:00.000		Y	3.5	-	24.00	478
Sat-5/23/20	04:00:00.000	(1)		3.4	-	24.00	478
Sun-5/24/20	04:00:00.000	(1)		3.7	-	24.00	478
Mon-5/25/20	04:00:00.000		Y	3.5	-	24.00	478
Tue-5/26/20	04:00:00.000		Y	3.4	-	24.00	478
Wed-5/27/20	04:00:00.000		Y	3.4	-	24.00	478
Thu-5/28/20	04:00:00.000		Y	3.3	-	24.00	478
Fri-5/29/20	04:00:00.000		Y	3.6	-	24.00	478
Sat-5/30/20	04:00:00.000	(1)		3.6	-	24.00	477
Sun-5/31/20	04:00:00.000	(1)		3.4	-	24.00	477
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.

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-05-04-20-08:55-1	5/4/2020	370
Red Pond-05-11-20-08:30-1	5/11/2020	420
Red Pond-05-18-20-06:55-1	5/18/2020	410
Red Pond-05-25-20-16:00-1	5/25/2020	410

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

OZONE OPERATION REPORT

Month of: May-20

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
Fri-5/1/20	04:00:00.000		239	24.00	0	0.00	241	24.00	0	0.00
Sat-5/2/20	04:00:00.000	(1)	240	24.00	0	0.00	238	24.00	0	0.00
Sun-5/3/20	04:00:00.000	(1)	240	24.00	0	0.00	238	24.00	0	0.00
Mon-5/4/20	04:00:00.000		242	24.00	0	0.00	241	24.00	0	0.00
Tue-5/5/20	04:00:00.000		240	24.00	0	0.00	242	24.00	0	0.00
Wed-5/6/20	04:00:00.000		240	23.87	0	0.00	241	23.85	0	0.00
Thu-5/7/20	04:00:00.000		240	24.00	0	0.00	239	24.00	0	0.00
Fri-5/8/20	04:00:00.000		240	24.00	0	0.00	242	24.00	0	0.00
Sat-5/9/20	04:00:00.000	(1)	240	24.00	0	0.00	242	24.00	0	0.00
Sun-5/10/20	04:00:00.000	(1)	240	24.00	0	0.00	242	24.00	0	0.00
Mon-5/11/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Tue-5/12/20	04:00:00.000		240	24.00	0	0.00	239	24.00	0	0.00
Wed-5/13/20	04:00:00.000		241	24.00	0	0.00	238	24.00	0	0.00
Thu-5/14/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Fri-5/15/20	04:00:00.000		240	24.00	0	0.00	238	24.00	0	0.00
Sat-5/16/20	04:00:00.000	(1)	240	24.00	0	0.00	238	24.00	0	0.00
Sun-5/17/20	04:00:00.000	(1)	241	24.00	0	0.00	241	24.00	0	0.00
Mon-5/18/20	04:00:00.000		239	23.67	0	0.00	241	23.03	0	0.00
Tue-5/19/20	04:00:00.000		240	24.00	0	0.00	242	24.00	0	0.00
Wed-5/20/20	04:00:00.000		240	23.85	0	0.00	237	23.85	0	0.00
Thu-5/21/20	04:00:00.000		241	24.00	0	0.00	239	24.00	0	0.00
Fri-5/22/20	04:00:00.000		240	24.00	0	0.00	239	24.00	0	0.00
Sat-5/23/20	04:00:00.000	(1)	241	24.00	0	0.00	237	24.00	0	0.00
Sun-5/24/20	04:00:00.000	(1)	241	23.40	0	0.00	239	23.40	0	0.00
Mon-5/25/20	04:00:00.000		241	24.00	0	0.00	239	24.00	0	0.00
Tue-5/26/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Wed-5/27/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Thu-5/28/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Fri-5/29/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Sat-5/30/20	04:00:00.000	(1)	240	23.70	0	0.00	240	23.70	0	0.00
Sun-5/31/20	04:00:00.000	(1)	241	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.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: **May-20**

Date	Time	Notes	Green Pond																	
			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		
Fri-5/1/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	715,840	24.00	-	-	-	-	-	-	
Sat-5/2/20	14:00:00.00	(1)		-	-	-	-	-	-	-	497	716,171	24.00	-	-	-	-	-	-	
Sun-5/3/20	14:00:00.00	(1)		-	-	-	-	-	-	-	497	716,193	24.00	-	-	-	-	-	-	
Mon-5/4/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	715,852	24.00	-	-	-	-	-	-	
Tue-5/5/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	716,067	24.00	-	-	-	-	-	-	
Wed-5/6/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	703,308	23.60	-	-	-	-	-	-	
Thu-5/7/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	716,278	24.00	-	-	-	-	-	-	
Fri-5/8/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	716,047	24.00	-	-	-	-	-	-	
Sat-5/9/20	14:00:00.00	(1)		-	-	-	-	-	-	-	497	715,870	24.00	-	-	-	-	-	-	
Sun-5/10/20	14:00:00.00	(1)		-	-	-	-	-	-	-	497	715,934	24.00	-	-	-	-	-	-	
Mon-5/11/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	715,781	24.00	-	-	-	-	-	-	
Tue-5/12/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	715,836	24.00	-	-	-	-	-	-	
Wed-5/13/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	715,970	24.00	-	-	-	-	-	-	
Thu-5/14/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	715,973	24.00	-	-	-	-	-	-	
Fri-5/15/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	716,264	24.00	-	-	-	-	-	-	
Sat-5/16/20	14:00:00.00	(1)		-	-	-	-	-	-	-	497	716,242	24.00	-	-	-	-	-	-	
Sun-5/17/20	14:00:00.00	(1)		-	-	-	-	-	-	-	497	716,152	24.00	-	-	-	-	-	-	
Mon-5/18/20	14:00:00.00		Y	-	-	-	-	-	-	-	489	692,613	23.60	-	-	-	-	-	-	
Tue-5/19/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	716,703	24.00	-	-	-	-	-	-	
Wed-5/20/20	14:00:00.00		Y	-	-	-	-	-	-	-	497	700,521	23.50	-	-	-	-	-	-	
Thu-5/21/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	716,720	24.00	-	-	-	-	-	-	
Fri-5/22/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	716,714	24.00	-	-	-	-	-	-	
Sat-5/23/20	14:00:00.00	(1)		-	-	-	-	-	-	-	498	716,916	24.00	-	-	-	-	-	-	
Sun-5/24/20	14:00:00.00	(1)		-	-	-	-	-	-	-	494	672,805	22.72	-	-	-	-	-	-	
Mon-5/25/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	717,759	24.00	-	-	-	-	-	-	
Tue-5/26/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	717,815	24.00	-	-	-	-	-	-	
Wed-5/27/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	717,661	24.00	-	-	-	-	-	-	
Thu-5/28/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	717,649	24.00	-	-	-	-	-	-	
Fri-5/29/20	14:00:00.00		Y	-	-	-	-	-	-	-	498	717,468	24.00	-	-	-	-	-	-	
Sat-5/30/20	14:00:00.00	(1)		-	-	-	-	-	-	-	497	704,308	23.63	-	-	-	-	-	-	
Sun-5/31/20	14:00:00.00	(1)		-	-	-	-	-	-	-	498	717,051	24.00	-	-	-	-	-	-	
TOTALS				-	-	-	-	-	-	-	-	22,102,481	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 #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
5/1/2020	0.716	*G	*G			<50	<0.16	no	no	7.1	7.1		
5/2/2020	0.716												
5/3/2020	0.716			5.4								7.4	
5/4/2020	0.716			4.7	0.370	<50	<0.16	yes	yes	7.1	7.1	8.1	30
5/5/2020	0.716			6.2		<50	<0.16	no	no	7.3	7.3	8	
5/6/2020	0.703			5.6		<50	<0.16	no	yes	7.0	7.0	7.3	44
5/7/2020	0.716			5.2		<50	<0.16	no	no	7.0	7.0	7.2	
5/8/2020	0.716					<50	<0.16	no	no	7.1	7.1		
5/9/2020	0.716												
5/10/2020	0.716			5.3								7.5	
5/11/2020	0.716			5.7	0.420	<50	<0.16	yes	yes	7.2	7.2	8.2	32
5/12/2020	0.716			5.6		<50	<0.16	no	no	7.2	7.2	8.4	
5/13/2020	0.716			6.3		<50	<0.16	no	yes	7.3	7.3	8	32
5/14/2020	0.716			5.6		<50	<0.16	no	no	7.2	7.2	6.4	
5/15/2020	0.716					<50	<0.16	no	no	7.2	7.2		
5/16/2020	0.716												
5/17/2020	0.716			5								8.1	
5/18/2020	0.693			5.8	0.410	<50	<0.16	yes	yes	7.2	7.2	7.2	48
5/19/2020	0.717			5.0		<50	<0.16	no	no	7.2	7.2	8	
5/20/2020	0.701			5.7		<50	<0.16	no	yes	7.2	7.2	7.9	50
5/21/2020	0.717			5.7		<50	<0.16	no	no	7.1	7.1	8.2	
5/22/2020	0.717					<50	<0.16	no	no	7.1	7.1		
5/23/2020	0.717												
5/24/2020	0.673			5.7								8	
5/25/2020	0.718			5.6	0.410	<50	<0.16	yes	yes	7.1	7.1	7.7	32
5/26/2020	0.718			5.5		<50	<0.16	no	no	7.0	7.0	7.3	
5/27/2020	0.718			5.3		<50	<0.16	no	yes	7.1	7.1	7.2	40
5/28/2020	0.718			5.5		<50	<0.16	no	no	7.1	7.1	7.3	
5/29/2020	0.717					<50	<0.16	no	no	7.2	7.2		
5/30/2020	0.704												
5/31/2020	0.717			5.4								6.8	
Discharged (mg)	22.103												
Monthly Avg				5.5								7.6	