



September 18, 2020

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

**Re: Monitoring Report # 280
August 1 – August 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 August 1 through August 31, 2020.

Should you have any questions or concerns regarding this report, please contact me at 269-993-7585.

Sincerely,

FLEIS & VANDENBRINK

A handwritten signature in blue ink, appearing to read "Jim Brode", is written over a light blue horizontal line.

Jim Brode, CPG
Senior Project Manager

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



EXTRACTION DATA

- TABLE #1 - UNIT "D2" UPGRADIENT EXTRACTION DATA**
- TABLE #2 - UNIT "D2" DOWNGRADIENT EXTRACTION DATA**
- TABLE #3 - CORE AREA EXTRACTION DATA**
- TABLE #4 - MARSHY AREA EXTRACTION DATA**
- TABLE #5 - SOUTHWEST AREA EXTRACTION DATA**
- TABLE #6 - UNIT "E" EXTRACTION DATA**
- TABLE #7 - LITTLE LAKE AREA SYSTEM DATA**
- TABLE #8 - INDIVIDUAL PURGE WELL CONCENTRATIONS**
- TABLE #9 - RED POND DATA**
- TABLE #10 - RED POND CONCENTRATIONS**

OZONE OPERATION DATA

- TABLE #11 - OZONE OPERATION REPORT**

DISCHARGE DATA

- TABLE #12 - GREEN POND / DISCHARGE DATA**
- TABLE #13 - DAILY DISCHARGE MONITORING REPORT**

TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: **Aug-20**

Date	Horizontal Well Extraction			TW-9			TW-5			TW-21			Daily Flow	Daily Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Sat-8/1/20	-	-	-	-	-	-	-	-	-	72,220	50	24.00	50	72,220
Sun-8/2/20	-	-	-	-	-	-	-	-	-	72,196	50	24.00	50	72,196
Mon-8/3/20	-	-	-	-	-	-	-	-	-	72,214	50	24.00	50	72,214
Tue-8/4/20	-	-	-	-	-	-	-	-	-	72,155	50	24.00	50	72,155
Wed-8/5/20	-	-	-	-	-	-	-	-	-	86,001	60	24.00	60	86,001
Thu-8/6/20	-	-	-	-	-	-	-	-	-	101,066	70	24.00	70	101,066
Fri-8/7/20	-	-	-	-	-	-	-	-	-	101,046	70	24.00	70	101,046
Sat-8/8/20	-	-	-	-	-	-	-	-	-	101,063	70	24.00	70	101,063
Sun-8/9/20	-	-	-	-	-	-	-	-	-	101,094	70	24.00	70	101,094
Mon-8/10/20	-	-	-	-	-	-	-	-	-	101,122	70	24.00	70	101,122
Tue-8/11/20	-	-	-	-	-	-	-	-	-	101,101	70	24.00	70	101,101
Wed-8/12/20	-	-	-	-	-	-	-	-	-	112,455	78	24.00	78	112,455
Thu-8/13/20	-	-	-	-	-	-	-	-	-	115,484	80	24.00	80	115,484
Fri-8/14/20	-	-	-	-	-	-	-	-	-	115,422	80	24.00	80	115,422
Sat-8/15/20	-	-	-	-	-	-	-	-	-	115,520	80	24.00	80	115,520
Sun-8/16/20	-	-	-	-	-	-	-	-	-	115,494	80	24.00	80	115,494
Mon-8/17/20	-	-	-	-	-	-	-	-	-	115,490	80	24.00	80	115,490
Tue-8/18/20	-	-	-	-	-	-	-	-	-	115,453	80	24.00	80	115,453
Wed-8/19/20	-	-	-	-	-	-	-	-	-	114,759	80	24.00	80	114,759
Thu-8/20/20	-	-	-	-	-	-	-	-	-	115,479	80	24.00	80	115,479
Fri-8/21/20	-	-	-	-	-	-	-	-	-	87,864	61	24.00	61	87,864
Sat-8/22/20	-	-	-	-	-	-	-	-	-	72,293	50	24.00	50	72,293
Sun-8/23/20	-	-	-	-	-	-	-	-	-	72,280	50	24.00	50	72,280
Mon-8/24/20	-	-	-	-	-	-	-	-	-	91,186	63	24.00	63	91,186
Tue-8/25/20	-	-	-	-	-	-	-	-	-	101,103	70	24.00	70	101,103
Wed-8/26/20	-	-	-	-	-	-	-	-	-	98,219	68	24.00	68	98,219
Thu-8/27/20	-	-	-	-	-	-	-	-	-	88,092	61	24.00	61	88,092
Fri-8/28/20	-	-	-	-	-	-	-	-	-	79,440	55	24.00	55	79,440
Sat-8/29/20	-	-	-	-	-	-	-	-	-	79,419	55	24.00	55	79,419
Sun-8/30/20	-	-	-	-	-	-	-	-	-	79,382	55	24.00	55	79,382
Mon-8/31/20	-	-	-	-	-	-	-	-	-	79,413	55	24.00	55	79,413.00
TOTALS	-	-	-	-	-	-	-	-	-	2,945,525	66	744.00	66	2,945,525

TOTAL VOLUME EXTRACTED :	2,945,525 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	65.98 GPM

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: **Aug-20**

Date	LB-1			LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Sat-8/1/20	-	-	-	144,159	100	24.00	100	144,159
Sun-8/2/20	-	-	-	144,148	100	24.00	100	144,148
Mon-8/3/20	-	-	-	144,181	100	24.00	100	144,181
Tue-8/4/20	-	-	-	144,170	100	24.00	100	144,170
Wed-8/5/20	-	-	-	144,174	100	24.00	100	144,174
Thu-8/6/20	-	-	-	144,155	100	24.00	100	144,155
Fri-8/7/20	-	-	-	144,164	100	24.00	100	144,164
Sat-8/8/20	-	-	-	144,188	100	24.00	100	144,188
Sun-8/9/20	-	-	-	144,159	100	24.00	100	144,159
Mon-8/10/20	-	-	-	144,179	100	24.00	100	144,179
Tue-8/11/20	-	-	-	144,180	100	24.00	100	144,180
Wed-8/12/20	-	-	-	144,158	100	24.00	100	144,158
Thu-8/13/20	-	-	-	144,164	100	24.00	100	144,164
Fri-8/14/20	-	-	-	144,177	100	24.00	100	144,177
Sat-8/15/20	-	-	-	144,139	100	24.00	100	144,139
Sun-8/16/20	-	-	-	144,177	100	24.00	100	144,177
Mon-8/17/20	-	-	-	144,173	100	24.00	100	144,173
Tue-8/18/20	-	-	-	144,227	100	24.00	100	144,227
Wed-8/19/20	-	-	-	144,167	100	24.00	100	144,167
Thu-8/20/20	-	-	-	144,169	100	24.00	100	144,169
Fri-8/21/20	-	-	-	144,173	100	24.00	100	144,173
Sat-8/22/20	-	-	-	144,172	100	24.00	100	144,172
Sun-8/23/20	-	-	-	144,118	100	24.00	100	144,118
Mon-8/24/20	-	-	-	144,173	100	24.00	100	144,173
Tue-8/25/20	-	-	-	144,145	100	24.00	100	144,145
Wed-8/26/20	-	-	-	144,172	100	24.00	100	144,172
Thu-8/27/20	-	-	-	144,154	100	24.00	100	144,154
Fri-8/28/20	-	-	-	144,167	100	24.00	100	144,167
Sat-8/29/20	-	-	-	144,179	100	24.00	100	144,179
Sun-8/30/20	-	-	-	144,153	100	24.00	100	144,153
Mon-8/31/20	-	-	-	144,173	100	24.00	100	144,173.00
TOTALS	-	-	-	4,469,187	100	744.00	100	4,469,187

TOTAL VOLUME EXTRACTED :	4,469,187 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	100.12 GPM

TABLE #3

CORE AREA EXTRACTION DATA

Month of: Aug-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.		
Sat-8/1/20	-	-	-	33,194	23	24.00	-	-	-	-	-	-	-	-	-	43,210	30	24.00	53	76,404
Sun-8/2/20	-	-	-	33,242	23	24.00	-	-	-	-	-	-	-	-	-	43,161	30	24.00	53	76,403
Mon-8/3/20	-	-	-	25,372	23	18.30	-	-	-	-	-	-	-	-	-	43,222	30	24.00	48	68,594
Tue-8/4/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,376	30	24.00	30	43,376
Wed-8/5/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,222	30	24.00	30	43,222
Thu-8/6/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,185	30	24.00	30	43,185
Fri-8/7/20	-	-	-	88	15	0.10	-	-	-	-	-	-	-	-	-	43,081	30	24.00	30	43,169
Sat-8/8/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,038	30	24.00	30	43,038
Sun-8/9/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42,977	30	24.00	30	42,977
Mon-8/10/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,013	30	24.00	30	43,013
Tue-8/11/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,171	30	24.00	30	43,171
Wed-8/12/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,264	30	24.00	30	43,264
Thu-8/13/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41,885	33	21.20	29	41,885
Fri-8/14/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,349	22	22.10	20	29,349
Sat-8/15/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,563	15	24.00	15	21,563
Sun-8/16/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,879	15	24.00	15	21,879
Mon-8/17/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,735	17	24.00	17	24,735
Tue-8/18/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,793	20	24.00	20	28,793
Wed-8/19/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,691	20	24.00	20	28,691
Thu-8/20/20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,585	20	24.00	20	28,585
Fri-8/21/20	-	-	-	22,881	23	16.57	-	-	-	-	-	-	-	-	-	28,910	20	24.00	36	51,791
Sat-8/22/20	-	-	-	33,191	23	24.00	-	-	-	-	-	-	-	-	-	28,949	20	24.00	43	62,140
Sun-8/23/20	-	-	-	33,228	23	24.00	-	-	-	-	-	-	-	-	-	28,915	20	24.00	43	62,143
Mon-8/24/20	-	-	-	33,263	23	24.00	-	-	-	-	-	-	-	-	-	11,160	20	9.25	31	44,423
Tue-8/25/20	-	-	-	33,302	23	24.00	-	-	-	-	-	-	-	-	-	-	-	-	23	33,302
Wed-8/26/20	-	-	-	33,355	23	24.00	-	-	-	-	-	-	-	-	-	15,885	25	10.80	34	49,240
Thu-8/27/20	-	-	-	33,287	23	24.00	-	-	-	-	-	-	-	-	-	36,097	25	24.00	48	69,384
Fri-8/28/20	-	-	-	33,298	23	24.00	-	-	-	-	-	-	-	-	-	35,973	25	24.00	48	69,271
Sat-8/29/20	-	-	-	33,356	23	24.00	-	-	-	-	-	-	-	-	-	35,805	25	24.00	48	69,161
Sun-8/30/20	-	-	-	33,411	23	24.00	-	-	-	-	-	-	-	-	-	35,989	25	24.00	48	69,400
Mon-8/31/20	-	-	-	33,465	23	24.00	-	-	-	-	-	-	-	-	-	36,120	25	24.00	48	69,585
TOTALS	-	-	-	447,933	23	322.97	-	-	-	-	-	-	-	-	-	1,037,203	25	687.35	33	1,485,136

TOTAL VOLUME EXTRACTED :	1,485,136 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	33.27 GPM

8/3/20-8/21/20 - TW-2 (Dolph) was shut down for rehabilitation and pump replacement.
 8/13/20-8/14/20 - TW-20 was shut down briefly for maintenance.
 8/24/20-8/26/20 - TW-20 was shut down for rehabilitation.

MARSHY AREA EXTRACTION DATA

Month of: Aug-20

Marshy Well Extraction				Daily Flow	Daily Total
Date	PW-1 Gallons	GPM	Run Hrs.	GPM	Gallons
Sat-8/1/20	1,782	1	24.00	1	1,782
Sun-8/2/20	1,785	1	24.00	1	1,785
Mon-8/3/20	1,783	1	24.00	1	1,783
Tue-8/4/20	1,787	1	24.00	1	1,787
Wed-8/5/20	1,792	1	24.00	1	1,792
Thu-8/6/20	1,804	1	24.00	1	1,804
Fri-8/7/20	1,801	1	24.00	1	1,801
Sat-8/8/20	1,801	1	24.00	1	1,801
Sun-8/9/20	1,807	1	24.00	1	1,807
Mon-8/10/20	1,844	1	24.00	1	1,844
Tue-8/11/20	1,809	1	24.00	1	1,809
Wed-8/12/20	1,799	1	24.00	1	1,799
Thu-8/13/20	1,805	1	24.00	1	1,805
Fri-8/14/20	1,809	1	24.00	1	1,809
Sat-8/15/20	1,785	1	24.00	1	1,785
Sun-8/16/20	1,788	1	24.00	1	1,788
Mon-8/17/20	1,801	1	24.00	1	1,801
Tue-8/18/20	1,814	1	24.00	1	1,814
Wed-8/19/20	1,812	1	24.00	1	1,812
Thu-8/20/20	1,810	1	24.00	1	1,810
Fri-8/21/20	1,869	1	24.00	1	1,869
Sat-8/22/20	1,856	1	24.00	1	1,856
Sun-8/23/20	1,866	1	24.00	1	1,866
Mon-8/24/20	1,872	1	24.00	1	1,872
Tue-8/25/20	1,841	1	24.00	1	1,841
Wed-8/26/20	1,781	1	24.00	1	1,781
Thu-8/27/20	1,778	1	24.00	1	1,778
Fri-8/28/20	1,787	1	24.00	1	1,787
Sat-8/29/20	1,818	1	24.00	1	1,818
Sun-8/30/20	1,847	1	24.00	1	1,847
Mon-8/31/20	1,821	1	24.00	1	1,821
TOTALS	56,154	1	744.00	1	56,154

TOTAL VOLUME EXTRACTED :	56,154 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	1.26 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: **Aug-20**

SouthWest Well Extraction							Daily	Daily
Date	TW22			TW28			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Sat-8/1/20	1	<1	24.00	35,912	25	24.00	25	35,913
Sun-8/2/20	1	<1	24.00	35,910	25	24.00	25	35,911
Mon-8/3/20	1	<1	24.00	35,921	25	24.00	25	35,922
Tue-8/4/20	1	<1	24.00	35,981	25	24.00	25	35,982
Wed-8/5/20	13	<1	23.93	35,961	25	23.95	25	35,974
Thu-8/6/20	1	<1	24.00	36,172	25	24.00	25	36,173
Fri-8/7/20	1	<1	24.00	36,170	25	24.00	25	36,171
Sat-8/8/20	1	<1	24.00	36,184	25	24.00	25	36,185
Sun-8/9/20	1	<1	24.00	36,164	25	24.00	25	36,165
Mon-8/10/20	1	<1	24.00	36,181	25	24.00	25	36,182
Tue-8/11/20	795	<1	24.00	36,122	25	24.00	26	36,917
Wed-8/12/20	1,305	<1	24.00	36,114	25	24.00	26	37,419
Thu-8/13/20	1,300	<1	24.00	36,121	25	24.00	26	37,421
Fri-8/14/20	1,294	<1	23.98	36,106	25	24.00	26	37,400
Sat-8/15/20	1,287	<1	24.00	36,081	25	24.00	26	37,368
Sun-8/16/20	1,367	<1	23.92	36,033	25	24.00	26	37,400
Mon-8/17/20	1,419	<1	24.00	36,060	25	24.00	26	37,479
Tue-8/18/20	1,261	<1	24.00	36,074	25	24.00	26	37,335
Wed-8/19/20	1,390	<1	23.93	35,965	25	24.00	26	37,355
Thu-8/20/20	1,381	<1	24.00	35,953	25	24.00	26	37,334
Fri-8/21/20	1,258	<1	24.00	35,921	25	24.00	26	37,179
Sat-8/22/20	1,234	<1	24.00	35,958	25	24.00	26	37,192
Sun-8/23/20	1,221	<1	24.00	35,958	25	24.00	26	37,179
Mon-8/24/20	1,210	<1	24.00	35,931	25	24.00	26	37,141
Tue-8/25/20	1,200	<1	24.00	35,935	25	24.00	26	37,135
Wed-8/26/20	1,193	<1	24.00	35,934	25	24.00	26	37,127
Thu-8/27/20	1,179	<1	24.00	35,954	25	24.00	26	37,133
Fri-8/28/20	1,164	<1	24.00	35,963	25	24.00	26	37,127
Sat-8/29/20	1,148	<1	24.00	35,956	25	24.00	26	37,104
Sun-8/30/20	1,141	<1	24.00	35,852	25	24.00	26	36,993
Mon-8/31/20	1,139	<1	24.00	35,852	25	24.00	26	36,991
TOTALS	25,908		743.77	1,116,399	25	743.95	26	1,142,307

TOTAL VOLUME EXTRACTED :	1,142,307 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	25.59 GPM

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: Aug-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.		
Sat-8/1/20	-	-	-	-	-	-	219,031	152	24.00	57,652	40	24.00	86,408	60	24.00	252	363,091
Sun-8/2/20	-	-	-	-	-	-	218,934	152	24.00	57,661	40	24.00	86,416	60	24.00	252	363,011
Mon-8/3/20	-	-	-	-	-	-	219,030	152	23.98	57,662	40	24.00	86,482	60	24.00	252	363,174
Tue-8/4/20	-	-	-	-	-	-	219,036	152	24.00	57,654	40	24.00	86,458	60	24.00	252	363,148
Wed-8/5/20	-	-	-	-	-	-	218,023	152	23.90	56,030	40	23.36	83,256	60	23.11	248	357,309
Thu-8/6/20	-	-	-	-	-	-	219,057	152	24.00	57,561	40	24.00	86,457	60	24.00	252	363,075
Fri-8/7/20	-	-	-	-	-	-	219,152	152	24.00	57,589	40	24.00	86,408	60	24.00	252	363,149
Sat-8/8/20	-	-	-	-	-	-	219,202	152	24.00	57,586	40	24.00	86,461	60	24.00	252	363,249
Sun-8/9/20	-	-	-	-	-	-	219,218	152	24.00	57,574	40	23.98	86,399	60	23.98	252	363,191
Mon-8/10/20	-	-	-	-	-	-	219,219	152	24.00	57,633	40	24.00	86,382	60	24.00	252	363,234
Tue-8/11/20	-	-	-	-	-	-	219,148	152	24.00	57,590	40	24.00	86,390	60	24.00	252	363,128
Wed-8/12/20	-	-	-	-	-	-	219,138	152	24.00	57,549	40	24.00	86,378	60	24.00	252	363,065
Thu-8/13/20	-	-	-	-	-	-	219,143	152	24.00	57,548	40	24.00	86,348	60	24.00	252	363,039
Fri-8/14/20	-	-	-	-	-	-	219,028	152	24.00	57,553	40	24.00	86,316	60	24.00	252	362,897
Sat-8/15/20	-	-	-	-	-	-	219,188	152	24.00	57,598	40	24.00	86,376	60	24.00	252	363,162
Sun-8/16/20	-	-	-	-	-	-	219,123	152	24.00	57,598	40	24.00	86,331	60	24.00	252	363,052
Mon-8/17/20	-	-	-	-	-	-	224,864	156	24.00	57,634	40	24.00	86,347	60	24.00	256	368,845
Tue-8/18/20	-	-	-	-	-	-	233,622	162	24.00	57,644	40	24.00	86,368	60	24.00	262	377,634
Wed-8/19/20	-	-	-	-	-	-	232,262	162	23.88	57,047	40	23.73	85,479	60	23.73	260	374,788
Thu-8/20/20	-	-	-	-	-	-	233,710	162	24.00	57,645	40	24.00	86,461	60	24.00	262	377,816
Fri-8/21/20	-	-	-	-	-	-	224,430	156	24.00	57,610	40	24.00	86,444	60	24.00	256	368,484
Sat-8/22/20	-	-	-	-	-	-	219,186	152	24.00	57,654	40	24.00	86,449	60	24.00	252	363,289
Sun-8/23/20	-	-	-	-	-	-	219,106	152	24.00	57,645	40	23.98	86,435	60	23.98	252	363,186
Mon-8/24/20	-	-	-	-	-	-	233,821	162	24.00	57,637	40	24.00	86,417	60	24.00	262	377,875
Tue-8/25/20	-	-	-	-	-	-	241,019	167	24.00	57,585	40	24.00	86,451	60	24.00	267	385,055
Wed-8/26/20	-	-	-	-	-	-	235,131	163	24.00	57,254	40	23.83	85,825	60	23.83	263	378,210
Thu-8/27/20	-	-	-	-	-	-	223,428	155	24.00	57,633	40	24.00	86,421	60	24.00	255	367,482
Fri-8/28/20	-	-	-	-	-	-	218,960	152	23.98	57,609	40	24.00	86,422	60	24.00	252	362,991
Sat-8/29/20	-	-	-	-	-	-	218,878	152	24.00	57,637	40	24.00	86,460	60	24.00	252	362,975
Sun-8/30/20	-	-	-	-	-	-	218,826	152	24.00	57,585	40	24.00	86,457	60	24.00	252	362,868
Mon-8/31/20	-	-	-	-	-	-	219,077	152	24.00	57,671	40	24.00	86,420	60	24.00	252	363,168.00
TOTALS	-	-	-	-	-	-	6,900,990	155	743.75	1,783,528	40	742.88	2,674,122	60	742.63	254	11,358,640

TOTAL VOLUME EXTRACTED :	11,358,640 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	254.45 GPM

TABLE #7

Little Lake Area System

MW-53i	
Date	1,4-Dioxane ug/L
05/01/20	33
06/01/20	54
07/08/20	25
08/04/20	23

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
05/01/20	70
06/04/20	61
07/08/20	57
08/04/20	52

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-08-26-20-08:25-1	08/26/20	150
TW-20-08-05-20-09:30-1	08/05/20	700
TW-20-08-27-20-08:35-1	08/27/20	840
LB-4-08-05-20-08:55-1	08/05/20	430
TW-21-08-05-20-09:15-1	08/05/20	200
TW-18-08-05-20-09:20-1	08/05/20	220
TW-19-08-05-20-08:50-1	08/05/20	510
TW-23-08-05-20-09:05-1	08/05/20	570
PW-1-08-05-20-09:25-1	08/05/20	430
TW-22-08-05-20-09:35-1	08/05/20	430
TW-28-08-05-20-09:40-1	08/05/20	600

RED POND DATA

Month of: Aug-20

			Red Pond				
Date	Time	Notes	Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Sat-8/1/20	04:00:00.000	(1)		4.1	-	24.00	482
Sun-8/2/20	04:00:00.000	(1)		4.1	-	24.00	482
Mon-8/3/20	04:00:00.000		Y	4.0	-	24.00	476
Tue-8/4/20	04:00:00.000		Y	3.7	-	24.00	459
Wed-8/5/20	04:00:00.000		Y	3.5	-	24.00	464
Thu-8/6/20	04:00:00.000		Y	4.0	-	24.00	479
Fri-8/7/20	04:00:00.000		Y	4.0	-	24.00	479
Sat-8/8/20	04:00:00.000	(1)		3.8	-	24.00	479
Sun-8/9/20	04:00:00.000	(1)		3.7	-	24.00	479
Mon-8/10/20	04:00:00.000		Y	3.6	-	24.00	479
Tue-8/11/20	04:00:00.000		Y	3.6	-	24.00	479
Wed-8/12/20	04:00:00.000		Y	3.6	-	24.00	488
Thu-8/13/20	04:00:00.000		Y	3.6	-	24.00	489
Fri-8/14/20	04:00:00.000		Y	3.6	-	24.00	480
Sat-8/15/20	04:00:00.000	(1)		3.5	-	24.00	475
Sun-8/16/20	04:00:00.000	(1)		3.4	-	24.00	475
Mon-8/17/20	04:00:00.000		Y	3.4	-	24.00	481
Tue-8/18/20	04:00:00.000		Y	3.5	-	24.00	490
Wed-8/19/20	04:00:00.000		Y	3.5	-	24.00	487
Thu-8/20/20	04:00:00.000		Y	3.5	-	24.00	490
Fri-8/21/20	04:00:00.000		Y	3.4	-	24.00	480
Sat-8/22/20	04:00:00.000	(1)		3.3	-	24.00	473
Sun-8/23/20	04:00:00.000	(1)		3.1	-	24.00	473
Mon-8/24/20	04:00:00.000		Y	3.1	-	24.00	484
Tue-8/25/20	04:00:00.000		Y	3.3	-	24.00	488
Wed-8/26/20	04:00:00.000		Y	3.4	-	24.00	492
Thu-8/27/20	04:00:00.000		Y	3.4	-	24.00	492
Fri-8/28/20	04:00:00.000		Y	3.8	-	24.00	482
Sat-8/29/20	04:00:00.000	(1)		3.8	-	24.00	482
Sun-8/30/20	04:00:00.000	(1)		3.8	-	24.00	482
Mon-8/31/20	04:00:00.000		Y	3.8	-	24.00	483
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-08-03-20-09:35-1	8/3/2020	360
Red Pond-08-10-20-08:30-1	8/10/2020	420
Red Pond-08-17-20-09:45-1	8/17/2020	390
Red Pond-08-24-20-08:40-1	8/24/2020	320
Red Pond-08-31-20-08:35-1	8/31/2020	320

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

OZONE OPERATION REPORT

Month of: **Aug-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
Sat-8/1/20	04:00:00.000	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-8/2/20	04:00:00.000	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Mon-8/3/20	04:00:00.000		241	23.87	0	0.00	240	23.82	0	0.00
Tue-8/4/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Wed-8/5/20	04:00:00.000		242	24.00	0	0.00	240	24.00	0	0.00
Thu-8/6/20	04:00:00.000		241	22.18	0	0.00	240	22.23	0	0.00
Fri-8/7/20	04:00:00.000		241	24.00	0	0.00	239	24.00	0	0.00
Sat-8/8/20	04:00:00.000	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Sun-8/9/20	04:00:00.000	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Mon-8/10/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Tue-8/11/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Wed-8/12/20	04:00:00.000		240	24.00	0	0.00	239	24.00	0	0.00
Thu-8/13/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Fri-8/14/20	04:00:00.000		241	23.85	0	0.00	240	23.83	0	0.00
Sat-8/15/20	04:00:00.000	(1)	241	24.00	0	0.00	240	24.00	0	0.00
Sun-8/16/20	04:00:00.000	(1)	241	24.00	0	0.00	239	24.00	0	0.00
Mon-8/17/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Tue-8/18/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Wed-8/19/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Thu-8/20/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Fri-8/21/20	04:00:00.000		240	24.00	0	0.00	239	24.00	0	0.00
Sat-8/22/20	04:00:00.000	(1)	242	24.00	0	0.00	240	24.00	0	0.00
Sun-8/23/20	04:00:00.000	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Mon-8/24/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Tue-8/25/20	04:00:00.000		240	24.00	0	0.00	239	24.00	0	0.00
Wed-8/26/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Thu-8/27/20	04:00:00.000		239	24.00	0	0.00	240	24.00	0	0.00
Fri-8/28/20	04:00:00.000		240	23.87	0	0.00	240	23.85	0	0.00
Sat-8/29/20	04:00:00.000	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-8/30/20	04:00:00.000	(1)	241	24.00	0	0.00	240	24.00	0	0.00
Mon-8/31/20	04:00:00.000		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.

8/6/20 - Treatment was shut down briefly for maintenance.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: Aug-20

Date	Time	Notes	Green Pond																				
			Pond			Aeration			Influent			Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	Level Feet		Hours	Influent Hours	Influent GPM	GPM	Gallons	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours				
Sat-8/1/20	04:00:00.000	(1)		-								498	717,581	24.00	-	-	-	-	-	-			
Sun-8/2/20	04:00:00.000	(1)		-								498	717,565	24.00	-	-	-	-	-	-			
Mon-8/3/20	04:00:00.000		Y	-								497	706,213	23.70	-	-	-	-	-	-			
Tue-8/4/20	04:00:00.000		Y	-								498	717,794	24.00	-	-	-	-	-	-			
Wed-8/5/20	04:00:00.000		Y	-								498	717,587	24.00	-	-	-	-	-	-			
Thu-8/6/20	04:00:00.000		Y	-								496	645,651	21.72	-	-	-	-	-	-			
Fri-8/7/20	04:00:00.000		Y	-								497	716,111	24.00	-	-	-	-	-	-			
Sat-8/8/20	04:00:00.000	(1)		-								497	716,219	24.00	-	-	-	-	-	-			
Sun-8/9/20	04:00:00.000	(1)		-								498	716,436	24.00	-	-	-	-	-	-			
Mon-8/10/20	04:00:00.000		Y	-								498	716,713	24.00	-	-	-	-	-	-			
Tue-8/11/20	04:00:00.000		Y	-								498	716,650	24.00	-	-	-	-	-	-			
Wed-8/12/20	04:00:00.000		Y	-								498	716,555	24.00	-	-	-	-	-	-			
Thu-8/13/20	04:00:00.000		Y	-								498	716,455	24.00	-	-	-	-	-	-			
Fri-8/14/20	04:00:00.000		Y	-								496	707,311	23.78	-	-	-	-	-	-			
Sat-8/15/20	04:00:00.000	(1)		-								498	716,597	24.00	-	-	-	-	-	-			
Sun-8/16/20	04:00:00.000	(1)		-								498	716,697	24.00	-	-	-	-	-	-			
Mon-8/17/20	04:00:00.000		Y	-								498	716,434	24.00	-	-	-	-	-	-			
Tue-8/18/20	04:00:00.000		Y	-								497	716,329	24.00	-	-	-	-	-	-			
Wed-8/19/20	04:00:00.000		Y	-								497	716,219	24.00	-	-	-	-	-	-			
Thu-8/20/20	04:00:00.000		Y	-								497	716,346	24.00	-	-	-	-	-	-			
Fri-8/21/20	04:00:00.000		Y	-								498	716,431	24.00	-	-	-	-	-	-			
Sat-8/22/20	04:00:00.000	(1)		-								498	716,497	24.00	-	-	-	-	-	-			
Sun-8/23/20	04:00:00.000	(1)		-								498	716,536	24.00	-	-	-	-	-	-			
Mon-8/24/20	04:00:00.000		Y	-								498	716,666	24.00	-	-	-	-	-	-			
Tue-8/25/20	04:00:00.000		Y	-								498	716,627	24.00	-	-	-	-	-	-			
Wed-8/26/20	04:00:00.000		Y	-								498	716,580	24.00	-	-	-	-	-	-			
Thu-8/27/20	04:00:00.000		Y	-								498	716,774	24.00	-	-	-	-	-	-			
Fri-8/28/20	04:00:00.000		Y	-								492	708,490	24.00	-	-	-	-	-	-			
Sat-8/29/20	04:00:00.000	(1)		-								498	716,901	24.00	-	-	-	-	-	-			
Sun-8/30/20	04:00:00.000	(1)		-								498	716,663	24.00	-	-	-	-	-	-			
Mon-8/31/20	04:00:00.000		Y	-								498	716,681	24.00	-	-	-	-	-	-			
TOTALS				-									22,118,309	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.

