



March 19, 2021

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

**Re: Monitoring Report # 286
February 1 – February 28, 2021**

Dear Ms. Dijk:

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, 2021.

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 positioned above the printed name and title.

Jim Brode, CPG
Senior Project Manager

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



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TABLE #1

UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: Feb-21

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
Mon-2/1/21	-	-	-	-	-	-	-	-	-	86,379	60	24.00	60	86,379
Tue-2/2/21	-	-	-	-	-	-	-	-	-	86,380	60	24.00	60	86,380
Wed-2/3/21	-	-	-	-	-	-	-	-	-	86,367	60	24.00	60	86,367
Thu-2/4/21	-	-	-	-	-	-	-	-	-	86,368	60	24.00	60	86,368
Fri-2/5/21	-	-	-	-	-	-	-	-	-	86,361	60	24.00	60	86,361
Sat-2/6/21	-	-	-	-	-	-	-	-	-	83,112	59	23.48	58	83,112
Sun-2/7/21	-	-	-	-	-	-	-	-	-	86,316	60	24.00	60	86,316
Mon-2/8/21	-	-	-	-	-	-	-	-	-	79,081	59	22.35	55	79,081
Tue-2/9/21	-	-	-	47,212	50	15.82	-	-	-	62,640	59	17.68	76	109,852
Wed-2/10/21	-	-	-	46,326	50	15.40	-	-	-	86,332	60	24.00	92	132,658
Thu-2/11/21	-	-	-	-	-	-	-	-	-	86,370	60	24.00	60	86,370
Fri-2/12/21	-	-	-	-	-	-	-	-	-	86,393	60	24.00	60	86,393
Sat-2/13/21	-	-	-	-	-	-	-	-	-	86,394	60	24.00	60	86,394
Sun-2/14/21	-	-	-	-	-	-	-	-	-	86,360	60	24.00	60	86,360
Mon-2/15/21	-	-	-	-	-	-	-	-	-	86,352	60	24.00	60	86,352
Tue-2/16/21	-	-	-	-	-	-	-	-	-	86,354	60	24.00	60	86,354
Wed-2/17/21	-	-	-	-	-	-	-	-	-	86,330	60	24.00	60	86,330
Thu-2/18/21	-	-	-	-	-	-	-	-	-	86,386	60	24.00	60	86,386
Fri-2/19/21	-	-	-	-	-	-	-	-	-	86,390	60	24.00	60	86,390
Sat-2/20/21	-	-	-	-	-	-	-	-	-	85,100	59	24.00	59	85,100
Sun-2/21/21	-	-	-	-	-	-	-	-	-	86,367	60	24.00	60	86,367
Mon-2/22/21	-	-	-	-	-	-	-	-	-	94,202	65	24.00	65	94,202
Tue-2/23/21	-	-	-	-	-	-	-	-	-	108,088	75	24.00	75	108,088
Wed-2/24/21	-	-	-	-	-	-	-	-	-	108,082	75	24.00	75	108,082
Thu-2/25/21	-	-	-	-	-	-	-	-	-	108,036	75	24.00	75	108,036
Fri-2/26/21	-	-	-	-	-	-	-	-	-	108,028	75	24.00	75	108,028
Sat-2/27/21	-	-	-	-	-	-	-	-	-	108,102	75	24.00	75	108,102
Sun-2/28/21	-	-	-	-	-	-	-	-	-	108,083	75	24.00	75	108,083
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	-	-	-	93,538	50	31.22	-	-	-	2,520,753	63	663.51	65	2,614,291

TOTAL VOLUME EXTRACTED :	2,614,291 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	64.84 GPM

2/8/21-2/9/21 - TW-21 was shut down due to communication loss from Comcast maintenance in the area.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: Feb-21

Date	LB-1			LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Mon-2/1/21	-	-	-	144,213	100	24.00	100	144,213
Tue-2/2/21	-	-	-	144,279	100	24.00	100	144,279
Wed-2/3/21	-	-	-	144,228	100	24.00	100	144,228
Thu-2/4/21	-	-	-	144,210	100	24.00	100	144,210
Fri-2/5/21	-	-	-	144,200	100	24.00	100	144,200
Sat-2/6/21	-	-	-	144,190	100	24.00	100	144,190
Sun-2/7/21	-	-	-	144,183	100	24.00	100	144,183
Mon-2/8/21	-	-	-	144,246	100	24.00	100	144,246
Tue-2/9/21	-	-	-	144,206	100	24.00	100	144,206
Wed-2/10/21	-	-	-	144,213	100	24.00	100	144,213
Thu-2/11/21	-	-	-	144,205	100	24.00	100	144,205
Fri-2/12/21	-	-	-	144,220	100	24.00	100	144,220
Sat-2/13/21	-	-	-	144,214	100	24.00	100	144,214
Sun-2/14/21	-	-	-	144,180	100	24.00	100	144,180
Mon-2/15/21	-	-	-	144,203	100	24.00	100	144,203
Tue-2/16/21	-	-	-	144,217	100	24.00	100	144,217
Wed-2/17/21	-	-	-	144,215	100	24.00	100	144,215
Thu-2/18/21	-	-	-	144,236	100	24.00	100	144,236
Fri-2/19/21	-	-	-	144,233	100	24.00	100	144,233
Sat-2/20/21	-	-	-	144,175	100	24.00	100	144,175
Sun-2/21/21	-	-	-	144,201	100	24.00	100	144,201
Mon-2/22/21	-	-	-	144,194	100	24.00	100	144,194
Tue-2/23/21	-	-	-	144,223	100	24.00	100	144,223
Wed-2/24/21	-	-	-	144,220	100	24.00	100	144,220
Thu-2/25/21	-	-	-	144,267	100	24.00	100	144,267
Fri-2/26/21	-	-	-	144,239	100	24.00	100	144,239
Sat-2/27/21	-	-	-	144,214	100	24.00	100	144,214
Sun-2/28/21	-	-	-	144,208	100	24.00	100	144,208
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
TOTALS	-	-	-	4,038,032	100	672.00	100	4,038,032

TOTAL VOLUME EXTRACTED :	4,038,032 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	100.15 GPM

TABLE #3

CORE AREA EXTRACTION DATA

Month of: Feb-21

Core Area Well Extraction																	Daily	Daily		
Date	TW-1			TW-2 (Dolph)			TW-3			TW-10			TW-14			TW-20			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Mon-2/1/21	-	-	-	22,111	15	24.00	-	-	-	-	-	-	-	-	28,915	20	24.00	35	51,026	
Tue-2/2/21	-	-	-	21,905	15	24.00	-	-	-	-	-	-	-	-	28,959	20	24.00	35	50,844	
Wed-2/3/21	-	-	-	21,719	15	24.00	-	-	-	-	-	-	-	-	28,951	20	23.97	35	50,670	
Thu-2/4/21	-	-	-	21,832	15	24.00	-	-	-	-	-	-	-	-	28,943	20	24.00	35	50,775	
Fri-2/5/21	-	-	-	21,910	15	24.00	-	-	-	-	-	-	-	-	28,957	20	24.00	35	50,847	
Sat-2/6/21	-	-	-	20,064	14	23.72	-	-	-	-	-	-	-	-	28,926	20	24.00	34	48,990	
Sun-2/7/21	-	-	-	21,190	15	24.00	-	-	-	-	-	-	-	-	28,927	20	23.98	35	50,117	
Mon-2/8/21	-	-	-	19,367	14	22.63	-	-	-	-	-	-	-	-	28,962	20	24.00	34	48,329	
Tue-2/9/21	-	-	-	14,821	15	16.85	-	-	-	39,858	42	15.78	-	-	28,928	20	24.00	58	83,607	
Wed-2/10/21	-	-	-	21,609	15	24.00	-	-	-	39,263	42	15.40	-	-	28,930	20	24.00	62	89,802	
Thu-2/11/21	-	-	-	21,593	15	24.00	-	-	-	-	-	-	-	-	28,920	20	24.00	35	50,513	
Fri-2/12/21	-	-	-	21,671	15	24.00	-	-	-	-	-	-	-	-	28,916	20	24.00	35	50,587	
Sat-2/13/21	-	-	-	22,239	15	24.00	-	-	-	-	-	-	-	-	28,924	20	24.00	36	51,163	
Sun-2/14/21	-	-	-	21,912	15	24.00	-	-	-	-	-	-	-	-	28,938	20	23.98	35	50,850	
Mon-2/15/21	-	-	-	21,878	15	24.00	-	-	-	-	-	-	-	-	28,931	20	24.00	35	50,809	
Tue-2/16/21	-	-	-	22,105	15	24.00	-	-	-	-	-	-	-	-	28,934	20	24.00	35	51,039	
Wed-2/17/21	-	-	-	21,475	15	24.00	-	-	-	-	-	-	-	-	28,926	20	24.00	35	50,401	
Thu-2/18/21	-	-	-	21,415	15	24.00	-	-	-	-	-	-	-	-	28,929	20	24.00	35	50,344	
Fri-2/19/21	-	-	-	21,171	15	24.00	-	-	-	-	-	-	-	-	28,941	20	24.00	35	50,112	
Sat-2/20/21	-	-	-	10,806	14	12.63	-	-	-	-	-	-	-	-	28,914	20	24.00	28	39,720	
Sun-2/21/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,925	20	23.98	20	28,925	
Mon-2/22/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,917	20	24.00	20	28,917	
Tue-2/23/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,934	20	24.00	20	28,934	
Wed-2/24/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,928	20	24.00	20	28,928	
Thu-2/25/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,950	20	24.00	20	28,950	
Fri-2/26/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,953	20	24.00	20	28,953	
Sat-2/27/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,926	20	24.00	20	28,926	
Sun-2/28/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,940	20	24.00	20	28,940	
TOTALS	-	-	-	412,793	15	459.83	-	-	-	79,121	42	31.18	-	-	810,104	20	671.92	32	1,302,018	

TOTAL VOLUME EXTRACTED :	1,302,018 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	32.29 GPM

2/8/21-2/9/21 - TW-2 was shut down due to communication loss from Comcast maintenance in the area.
 2/20/21-2/28/21 - TW-2 was shut down due to shorted wire in well pump.

MARSHY AREA EXTRACTION DATA

Month of: Feb-21

Marshy Well Extraction				Daily Flow	Daily Total
Date	PW-1 Gallons	GPM	Run Hrs.	GPM	Gallons
Mon-2/1/21	1,753	1	24.00	1	1,753
Tue-2/2/21	1,743	1	24.00	1	1,743
Wed-2/3/21	1,742	1	24.00	1	1,742
Thu-2/4/21	1,884	1	24.00	1	1,884
Fri-2/5/21	1,963	1	24.00	1	1,963
Sat-2/6/21	1,966	1	24.00	1	1,966
Sun-2/7/21	1,957	1	24.00	1	1,957
Mon-2/8/21	1,953	1	24.00	1	1,953
Tue-2/9/21	1,644	1	20.10	1	1,644
Wed-2/10/21	-	-	-	-	-
Thu-2/11/21	766	1	12.68	1	766
Fri-2/12/21	1,791	1	24.00	1	1,791
Sat-2/13/21	1,971	1	24.00	1	1,971
Sun-2/14/21	1,946	1	24.00	1	1,946
Mon-2/15/21	1,938	1	24.00	1	1,938
Tue-2/16/21	1,933	1	24.00	1	1,933
Wed-2/17/21	1,925	1	24.00	1	1,925
Thu-2/18/21	1,917	1	24.00	1	1,917
Fri-2/19/21	1,911	1	24.00	1	1,911
Sat-2/20/21	1,916	1	24.00	1	1,916
Sun-2/21/21	1,916	1	24.00	1	1,916
Mon-2/22/21	1,914	1	24.00	1	1,914
Tue-2/23/21	1,915	1	24.00	1	1,915
Wed-2/24/21	1,929	1	24.00	1	1,929
Thu-2/25/21	1,912	1	24.00	1	1,912
Fri-2/26/21	1,910	1	24.00	1	1,910
Sat-2/27/21	1,901	1	24.00	1	1,901
Sun-2/28/21	1,895	1	24.00	1	1,895
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
TOTALS	49,911	1	632.78	1	49,911

TOTAL VOLUME EXTRACTED :	49,911 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	1.24 GPM

2/9/21-2/11/21 - PW-1 was shut down for pump replacement.

SOUTHWEST AREA EXTRACTION DATA

Month of: Feb-21

SouthWest Well Extraction							Daily Flow GPM	Daily Total Gallons
Date	TW22			TW28				
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.		
Mon-2/1/21	760	<1	24.00	35,954	25	24.00	25	36,714
Tue-2/2/21	757	<1	24.00	35,951	25	24.00	25	36,708
Wed-2/3/21	752	<1	24.00	35,948	25	24.00	25	36,700
Thu-2/4/21	761	<1	24.00	36,143	25	24.00	26	36,904
Fri-2/5/21	742	<1	24.00	36,033	25	24.00	26	36,775
Sat-2/6/21	747	<1	24.00	36,033	25	24.00	26	36,780
Sun-2/7/21	746	<1	24.00	36,188	25	24.00	26	36,934
Mon-2/8/21	757	<1	24.00	36,171	25	24.00	26	36,928
Tue-2/9/21	861	<1	24.00	35,918	25	24.00	26	36,779
Wed-2/10/21	752	<1	24.00	36,344	25	24.00	26	37,096
Thu-2/11/21	758	<1	24.00	36,361	25	24.00	26	37,119
Fri-2/12/21	757	<1	24.00	36,358	25	24.00	26	37,115
Sat-2/13/21	754	<1	24.00	36,342	25	24.00	26	37,096
Sun-2/14/21	750	<1	24.00	36,319	25	24.00	26	37,069
Mon-2/15/21	748	<1	24.00	36,351	25	24.00	26	37,099
Tue-2/16/21	737	<1	24.00	36,350	25	24.00	26	37,087
Wed-2/17/21	736	<1	24.00	36,319	25	24.00	26	37,055
Thu-2/18/21	737	<1	24.00	36,327	25	24.00	26	37,064
Fri-2/19/21	731	<1	24.00	36,329	25	24.00	26	37,060
Sat-2/20/21	732	<1	24.00	36,325	25	24.00	26	37,057
Sun-2/21/21	734	<1	24.00	36,366	25	24.00	26	37,100
Mon-2/22/21	713	<1	24.00	36,204	25	24.00	26	36,917
Tue-2/23/21	698	<1	24.00	36,098	25	24.00	26	36,796
Wed-2/24/21	697	<1	24.00	35,984	25	24.00	25	36,681
Thu-2/25/21	705	<1	24.00	35,858	25	24.00	25	36,563
Fri-2/26/21	712	<1	24.00	35,877	25	24.00	25	36,589
Sat-2/27/21	706	<1	24.00	35,869	25	24.00	25	36,575
Sun-2/28/21	701	<1	24.00	35,878	25	24.00	25	36,579
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
TOTALS	20,741		672.00	1,012,198	25	672.00	26	1,032,939

TOTAL VOLUME EXTRACTED :	1,032,939 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	25.62 GPM

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: Feb-21

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.		
Mon-2/1/21	-	-	-	-	-	-	234,427	163	24.00	57,535	40	24.00	86,580	60	24.00	263	378,542
Tue-2/2/21	-	-	-	-	-	-	234,344	163	24.00	57,508	40	24.00	86,581	60	24.00	263	378,433
Wed-2/3/21	-	-	-	-	-	-	234,420	163	23.97	57,490	40	24.00	86,637	60	24.00	263	378,547
Thu-2/4/21	-	-	-	-	-	-	234,533	163	24.00	56,723	40	23.70	85,779	60	23.75	262	377,035
Fri-2/5/21	-	-	-	-	-	-	234,722	163	24.00	57,537	40	23.98	86,621	60	24.00	263	378,880
Sat-2/6/21	-	-	-	-	-	-	225,913	163	23.10	55,075	40	22.96	82,874	60	22.96	253	363,862
Sun-2/7/21	-	-	-	-	-	-	234,675	163	23.98	57,645	40	23.98	86,606	60	23.98	263	378,926
Mon-2/8/21	-	-	-	-	-	-	214,976	163	21.98	52,566	40	21.93	79,176	60	21.93	241	346,718
Tue-2/9/21	-	-	-	-	-	-	170,237	163	17.40	39,207	40	16.38	59,226	60	16.38	187	268,670
Wed-2/10/21	-	-	-	-	-	-	234,597	163	24.00	57,492	40	24.00	86,728	60	24.00	263	378,817
Thu-2/11/21	-	-	-	-	-	-	234,670	163	24.00	57,567	40	24.00	86,776	60	24.00	263	379,013
Fri-2/12/21	-	-	-	-	-	-	234,662	163	24.00	57,574	40	24.00	86,721	60	24.00	263	378,957
Sat-2/13/21	-	-	-	-	-	-	234,646	163	24.00	57,552	40	24.00	86,740	60	24.00	263	378,938
Sun-2/14/21	-	-	-	-	-	-	234,737	163	23.98	57,527	40	23.98	86,654	60	23.98	263	378,918
Mon-2/15/21	-	-	-	-	-	-	234,793	163	24.00	57,559	40	24.00	86,761	60	24.00	263	379,113
Tue-2/16/21	-	-	-	-	-	-	234,524	163	24.00	57,557	40	24.00	86,819	60	24.00	263	378,900
Wed-2/17/21	-	-	-	-	-	-	234,468	163	24.00	57,563	40	24.00	86,757	60	24.00	263	378,788
Thu-2/18/21	-	-	-	-	-	-	234,480	163	24.00	57,577	40	24.00	86,806	60	24.00	263	378,865
Fri-2/19/21	-	-	-	-	-	-	234,545	163	24.00	57,591	40	24.00	86,719	60	24.00	263	378,855
Sat-2/20/21	-	-	-	-	-	-	231,006	163	23.65	56,359	40	23.51	84,872	60	23.51	258	372,237
Sun-2/21/21	-	-	-	-	-	-	234,204	163	23.98	57,522	40	23.95	86,600	60	23.95	263	378,326
Mon-2/22/21	-	-	-	-	-	-	236,809	164	24.00	57,658	40	24.00	86,602	60	24.00	265	381,069
Tue-2/23/21	-	-	-	-	-	-	241,468	168	24.00	35,685	40	14.86	86,657	60	24.00	253	363,810
Wed-2/24/21	-	-	-	-	-	-	241,383	168	24.00	-	-	-	125,164	87	24.00	255	366,547
Thu-2/25/21	-	-	-	-	-	-	241,279	168	24.00	-	-	-	144,299	100	24.00	268	385,578
Fri-2/26/21	-	-	-	-	-	-	241,326	168	24.00	-	-	-	144,451	100	24.00	268	385,777
Sat-2/27/21	-	-	-	-	-	-	241,512	168	24.00	-	-	-	144,431	100	24.00	268	385,943
Sun-2/28/21	-	-	-	-	-	-	241,486	168	24.00	-	-	-	144,338	100	24.00	268	385,824
TOTALS	-	-	-	-	-	-	6,514,842	164	662.05	1,274,069	40	531.23	2,654,975	67	660.44	259	10,443,886

TOTAL VOLUME EXTRACTED :	10,443,886 GALLONS
DAYS IN MONTH :	28 DAYS
MONTHLY AVERAGE FLOW RATE :	259.02 GPM

2/6/21 - TW-19 and TW-23 was shut down briefly due to communication loss from Comcast maintenance in the area.
 2/8/21-2/9/21 - TW-18, TW-19, and TW-23 were shut down due to communication loss from Comcast maintenance in the area.
 2/23/21-2/28/21 - TW-19 was shut down due to system wiring issues.

TABLE #7

Little Lake Area System

MW-53i	
Date	1,4-Dioxane ug/L
11/03/20	31
12/03/20	63
01/08/21	30
02/01/21	36

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
11/03/20	57
12/10/20	59
01/15/21	46
02/09/21	51

TABLE #8

INDIVIDUAL PURGE WELL CONCENTRATIONS

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-02-04-21-10:10-1	02/04/21	150
TW-10-02-09-21-09:18-1	02/09/21	380
TW-20-02-04-21-10:20-1	02/04/21	830
LB-4-02-04-21-09:15-1	02/04/21	450
TW-21-02-04-21-09:55-1	02/04/21	280
TW-9-02-09-21-09:10-1	02/09/21	320
TW-18-02-04-21-10:00-1	02/04/21	210
TW-19-02-04-21-09:30-1	02/04/21	430
TW-23-02-04-21-09:45-1	02/04/21	500
PW-1-02-04-21-10:05-1	02/04/21	500
PW-1-02-12-21-09:10-1	02/12/21	720
TW-22-02-04-21-10:45-1	02/04/21	380
TW-28-02-04-21-10:35-1	02/04/21	700

RED POND DATA

Month of: Feb-21

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Mon-2/1/21	04:00:00.000		Y	4.2	-	24.00	485
Tue-2/2/21	04:00:00.000		Y	4.5	-	24.00	485
Wed-2/3/21	04:00:00.000		Y	4.4	-	24.00	485
Thu-2/4/21	04:00:00.000		Y	4.3	-	24.00	484
Fri-2/5/21	04:00:00.000		Y	4.5	-	24.00	485
Sat-2/6/21	04:00:00.000	(1)		4.3	-	24.00	471
Sun-2/7/21	04:00:00.000	(1)		4.3	-	24.00	485
Mon-2/8/21	06:45:00.000		Y	2.5	-	24.00	456
Tue-2/9/21	05:00:00.000		Y	3.7	-	24.00	448
Wed-2/10/21	04:00:00.000		Y	4.2	-	24.00	543
Thu-2/11/21	04:00:00.000		Y	4.2	-	24.00	485
Fri-2/12/21	04:00:00.000		Y	4.2	-	24.00	485
Sat-2/13/21	04:00:00.000	(1)		4.2	-	24.00	486
Sun-2/14/21	04:00:00.000	(1)		4.2	-	24.00	486
Mon-2/15/21	04:00:00.000		Y	4.1	-	24.00	486
Tue-2/16/21	04:00:00.000		Y	4.6	-	24.00	486
Wed-2/17/21	04:00:00.000		Y	4.6	-	24.00	485
Thu-2/18/21	04:00:00.000		Y	4.6	-	24.00	485
Fri-2/19/21	04:00:00.000		Y	4.6	-	24.00	485
Sat-2/20/21	04:00:00.000	(1)		4.4	-	24.00	472
Sun-2/21/21	04:00:00.000	(1)		4.0	-	24.00	470
Mon-2/22/21	04:00:00.000		Y	3.9	-	24.00	477
Tue-2/23/21	04:00:00.000		Y	3.7	-	24.00	475
Wed-2/24/21	04:00:00.000		Y	3.7	-	24.00	477
Thu-2/25/21	04:00:00.000		Y	3.9	-	24.00	490
Fri-2/26/21	04:00:00.000		Y	3.8	-	24.00	490
Sat-2/27/21	04:00:00.000	(1)		3.9	-	24.00	490
Sun-2/28/21	04:00:00.000	(1)		4.0	-	24.00	490
-	-		-	-	-	-	-
-	-		-	-	-	-	-
-	-		-	-	-	-	-
TOTALS			-	-	-	672	

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-02-01-21-09:55-1	2/1/2021	360
Red Pond-02-02-21-11:35-1	2/2/2021	360
Red Pond-02-08-21-08:35-1	2/8/2021	410
Red Pond-02-15-21-09:00-1	2/15/2021	340
Red Pond-02-18-21-07:32-1	2/18/2021	390
Red Pond-02-22-21-08:40-1	2/22/2021	390

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

OZONE OPERATION REPORT

Month of: Feb-21

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
Mon-2/1/21	14:00:00.00		240	24.00	0	0.00	240	24.00	0	0.00
Tue-2/2/21	14:00:00.00		240	22.42	0	0.00	240	24.00	0	0.00
Wed-2/3/21	14:00:00.00		241	24.00	0	0.00	240	24.00	0	0.00
Thu-2/4/21	14:00:00.00		241	24.00	0	0.00	240	24.00	0	0.00
Fri-2/5/21	14:00:00.00		241	23.40	0	0.00	240	24.00	0	0.00
Sat-2/6/21	14:00:00.00	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Sun-2/7/21	14:00:00.00	(1)	240	24.00	0	0.00	240	23.98	0	0.00
Mon-2/8/21	16:45:00.00		240	24.00	0	0.00	240	24.00	0	0.00
Tue-2/9/21	15:00:00.00		241	24.00	0	0.00	240	24.00	0	0.00
Wed-2/10/21	14:00:00.00		241	24.00	0	0.00	240	24.00	0	0.00
Thu-2/11/21	14:00:00.00		240	24.00	0	0.00	240	24.00	0	0.00
Fri-2/12/21	14:00:00.00		240	24.00	0	0.00	240	24.00	0	0.00
Sat-2/13/21	14:00:00.00	(1)	241	24.00	0	0.00	240	24.00	0	0.00
Sun-2/14/21	14:00:00.00	(1)	241	24.00	0	0.00	240	23.98	0	0.00
Mon-2/15/21	14:00:00.00		241	24.00	0	0.00	239	24.00	0	0.00
Tue-2/16/21	14:00:00.00		241	21.62	0	0.00	240	24.00	0	0.00
Wed-2/17/21	14:00:00.00		241	24.00	0	0.00	240	24.00	0	0.00
Thu-2/18/21	14:00:00.00		240	24.00	0	0.00	240	24.00	0	0.00
Fri-2/19/21	14:00:00.00		241	24.00	0	0.00	240	24.00	0	0.00
Sat-2/20/21	14:00:00.00	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-2/21/21	14:00:00.00	(1)	241	24.00	0	0.00	239	23.98	0	0.00
Mon-2/22/21	14:00:00.00		240	24.00	0	0.00	240	24.00	0	0.00
Tue-2/23/21	14:00:00.00		240	24.00	0	0.00	239	24.00	0	0.00
Wed-2/24/21	14:00:00.00		240	24.00	0	0.00	239	24.00	0	0.00
Thu-2/25/21	14:00:00.00		240	24.00	0	0.00	240	24.00	0	0.00
Fri-2/26/21	14:00:00.00		241	24.00	0	0.00	241	24.00	0	0.00
Sat-2/27/21	14:00:00.00	(1)	241	24.00	0	0.00	240	24.00	0	0.00
Sun-2/28/21	14:00:00.00	(1)	239	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.

2/2/21 - Treatment System 1A was shut down briefly for maintenance.

2/16/21 - Treatment System 1A was shut down briefly for maintenance.

TABLE #12

GREEN POND / DISCHARGE DATA

Month of: Feb-21

			Green Pond																	
Date	Time	Notes	Pond			Influent			Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch		
			Visual Chk	Level Feet	Aeration Hours	Influent Hours	Influent GPM	Pond Discharge GPM	Pond Discharge Gallons	Bypass Discharge GPM	Bypass Discharge Gallons	Bypass Discharge Hours	Recirc Thru UV to Pond GPM	Recirc Thru UV to Pond Gallons	Recirc Thru UV to Pond Hours	Recirc Thru UV to Disch GPM	Recirc Thru UV to Disch Gallons	Recirc Thru UV to Disch Hours		
Mon-2/1/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,800	24.00	-	-	-	-	-	-		
Tue-2/2/21	14:00:00.00		Y	-	-	-	-	-	-	479	690,417	24.00	-	-	-	-	-	-		
Wed-2/3/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,835	24.00	-	-	-	-	-	-		
Thu-2/4/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,949	24.00	-	-	-	-	-	-		
Fri-2/5/21	14:00:00.00		Y	-	-	-	-	-	-	489	703,715	24.00	-	-	-	-	-	-		
Sat-2/6/21	14:00:00.00	(1)		-	-	-	-	-	-	497	715,755	24.00	-	-	-	-	-	-		
Sun-2/7/21	14:00:00.00	(1)		-	-	-	-	-	-	497	715,816	24.00	-	-	-	-	-	-		
Mon-2/8/21	16:45:00.00		Y	-	-	-	-	-	-	497	715,800	24.00	-	-	-	-	-	-		
Tue-2/9/21	15:00:00.00		Y	-	-	-	-	-	-	497	715,760	24.00	-	-	-	-	-	-		
Wed-2/10/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,887	24.00	-	-	-	-	-	-		
Thu-2/11/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,900	24.00	-	-	-	-	-	-		
Fri-2/12/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,809	24.00	-	-	-	-	-	-		
Sat-2/13/21	14:00:00.00	(1)		-	-	-	-	-	-	497	715,816	24.00	-	-	-	-	-	-		
Sun-2/14/21	14:00:00.00	(1)		-	-	-	-	-	-	497	715,847	24.00	-	-	-	-	-	-		
Mon-2/15/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,784	24.00	-	-	-	-	-	-		
Tue-2/16/21	14:00:00.00		Y	-	-	-	-	-	-	467	671,931	24.00	-	-	-	-	-	-		
Wed-2/17/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,822	24.00	-	-	-	-	-	-		
Thu-2/18/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,849	24.00	-	-	-	-	-	-		
Fri-2/19/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,945	24.00	-	-	-	-	-	-		
Sat-2/20/21	14:00:00.00	(1)		-	-	-	-	-	-	497	715,848	24.00	-	-	-	-	-	-		
Sun-2/21/21	14:00:00.00	(1)		-	-	-	-	-	-	497	715,827	24.00	-	-	-	-	-	-		
Mon-2/22/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,935	24.00	-	-	-	-	-	-		
Tue-2/23/21	14:00:00.00		Y	-	-	-	-	-	-	497	716,147	24.00	-	-	-	-	-	-		
Wed-2/24/21	14:00:00.00		Y	-	-	-	-	-	-	497	716,223	24.00	-	-	-	-	-	-		
Thu-2/25/21	14:00:00.00		Y	-	-	-	-	-	-	497	716,009	24.00	-	-	-	-	-	-		
Fri-2/26/21	14:00:00.00		Y	-	-	-	-	-	-	497	715,949	24.00	-	-	-	-	-	-		
Sat-2/27/21	14:00:00.00	(1)		-	-	-	-	-	-	497	716,170	24.00	-	-	-	-	-	-		
Sun-2/28/21	14:00:00.00	(1)		-	-	-	-	-	-	497	716,339	24.00	-	-	-	-	-	-		
-	-		Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-		Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	-		Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TOTALS											19,963,884	672								

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.

