



November 18, 2022

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

**Re: Monitoring Report #306
October 1 – October 31, 2022**

Dear Ms. Carver:

Pursuant to the National Pollutant Discharge Elimination System (NPDES) Permit No. MI0048453, please find the enclosed Monitoring Report for the period of October 1 through October 31, 2022.

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: Oct-22

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
Sat-10/1/22	-	-	-	71,387	50	24.00	50,619	35	24.00	144,248	100	24.00	185	266,254
Sun-10/2/22	-	-	-	71,517	50	24.00	50,678	35	24.00	144,241	100	24.00	185	266,436
Mon-10/3/22	-	-	-	71,577	50	24.00	50,585	35	24.00	144,227	100	24.00	185	266,389
Tue-10/4/22	-	-	-	71,188	49	24.00	50,574	35	24.00	144,248	100	24.00	185	266,010
Wed-10/5/22	-	-	-	71,018	49	24.00	50,623	35	24.00	144,273	100	24.00	185	265,914
Thu-10/6/22	-	-	-	70,722	49	24.00	50,625	35	24.00	144,285	100	24.00	184	265,632
Fri-10/7/22	-	-	-	71,223	49	24.00	50,619	35	24.00	144,195	100	24.00	185	266,037
Sat-10/8/22	-	-	-	71,486	50	24.00	50,619	35	24.00	144,151	100	24.00	185	266,256
Sun-10/9/22	-	-	-	71,205	49	24.00	50,595	35	24.00	144,200	100	24.00	185	266,000
Mon-10/10/22	-	-	-	71,436	50	24.00	50,594	35	24.00	144,260	100	24.00	185	266,290
Tue-10/11/22	-	-	-	72,155	50	24.00	50,654	35	24.00	144,280	100	24.00	185	267,089
Wed-10/12/22	-	-	-	71,202	49	24.00	50,680	35	24.00	144,283	100	24.00	185	266,165
Thu-10/13/22	-	-	-	71,622	50	24.00	50,603	35	24.00	144,197	100	24.00	185	266,422
Fri-10/14/22	-	-	-	72,310	50	24.00	50,556	35	24.00	144,178	100	24.00	185	267,044
Sat-10/15/22	-	-	-	72,696	50	24.00	50,624	35	24.00	144,180	100	24.00	186	267,500
Sun-10/16/22	-	-	-	73,312	51	24.00	50,663	35	24.00	144,203	100	24.00	186	268,178
Mon-10/17/22	-	-	-	72,854	51	24.00	50,658	35	24.00	144,143	100	24.00	186	267,655
Tue-10/18/22	-	-	-	73,049	51	24.00	50,638	35	24.00	144,118	100	24.00	186	267,805
Wed-10/19/22	-	-	-	73,525	51	24.00	50,593	35	24.00	144,127	100	24.00	186	268,245
Thu-10/20/22	-	-	-	73,503	51	24.00	50,629	35	24.00	144,117	100	24.00	186	268,249
Fri-10/21/22	-	-	-	73,137	51	24.00	50,687	35	24.00	144,208	100	24.00	186	268,032
Sat-10/22/22	-	-	-	72,700	50	24.00	50,680	35	24.00	144,276	100	24.00	186	267,656
Sun-10/23/22	-	-	-	72,685	50	24.00	50,667	35	24.00	144,256	100	24.00	186	267,608
Mon-10/24/22	-	-	-	71,663	50	24.00	50,694	35	24.00	144,292	100	24.00	185	266,649
Tue-10/25/22	-	-	-	70,833	49	24.00	50,704	35	24.00	144,308	100	24.00	185	265,845
Wed-10/26/22	-	-	-	71,303	50	24.00	50,630	35	24.00	144,220	100	24.00	185	266,153
Thu-10/27/22	-	-	-	73,161	51	24.00	50,651	35	24.00	144,176	100	24.00	186	267,988
Fri-10/28/22	-	-	-	72,497	50	24.00	50,668	35	24.00	144,189	100	24.00	186	267,354
Sat-10/29/22	-	-	-	71,712	50	24.00	50,647	35	24.00	144,198	100	24.00	185	266,557
Sun-10/30/22	-	-	-	71,346	50	24.00	50,652	35	24.00	144,197	100	24.00	185	266,195
Mon-10/31/22	-	-	-	71,114	49	24.00	50,666	35	24.00	144,258	100	24.00	185	266,038
TOTALS	-	-	-	2,231,138	50	744.00	1,569,775	35	744.00	4,470,732	100	744.00	185	8,271,645

TOTAL VOLUME EXTRACTED :	8,271,645 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	185.30 GPM

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: Oct-22

Date	LB-1 Gallons	GPM	Run Hrs.	LB-4 Gallons	GPM	Run Hrs.	Daily Flow GPM	Daily Total Gallons
Sat-10/1/22	-		-	144,221	100	24.00	100	144,221
Sun-10/2/22	-		-	144,191	100	24.00	100	144,191
Mon-10/3/22	-		-	144,260	100	24.00	100	144,260
Tue-10/4/22	-		-	144,239	100	24.00	100	144,239
Wed-10/5/22	-		-	144,224	100	24.00	100	144,224
Thu-10/6/22	-		-	144,225	100	24.00	100	144,225
Fri-10/7/22	-		-	144,205	100	24.00	100	144,205
Sat-10/8/22	-		-	144,164	100	24.00	100	144,164
Sun-10/9/22	-		-	144,198	100	24.00	100	144,198
Mon-10/10/22	-		-	144,190	100	24.00	100	144,190
Tue-10/11/22	-		-	144,215	100	24.00	100	144,215
Wed-10/12/22	-		-	144,213	100	24.00	100	144,213
Thu-10/13/22	-		-	144,217	100	24.00	100	144,217
Fri-10/14/22	-		-	144,256	100	24.00	100	144,256
Sat-10/15/22	-		-	144,236	100	24.00	100	144,236
Sun-10/16/22	-		-	144,233	100	24.00	100	144,233
Mon-10/17/22	-		-	144,222	100	24.00	100	144,222
Tue-10/18/22	-		-	144,244	100	24.00	100	144,244
Wed-10/19/22	-		-	144,222	100	24.00	100	144,222
Thu-10/20/22	-		-	144,208	100	24.00	100	144,208
Fri-10/21/22	-		-	144,201	100	24.00	100	144,201
Sat-10/22/22	-		-	144,227	100	24.00	100	144,227
Sun-10/23/22	-		-	144,167	100	24.00	100	144,167
Mon-10/24/22	-		-	144,227	100	24.00	100	144,227
Tue-10/25/22	-		-	144,209	100	24.00	100	144,209
Wed-10/26/22	-		-	144,239	100	24.00	100	144,239
Thu-10/27/22	-		-	144,224	100	24.00	100	144,224
Fri-10/28/22	-		-	144,208	100	24.00	100	144,208
Sat-10/29/22	-		-	144,213	100	24.00	100	144,213
Sun-10/30/22	-		-	144,190	100	24.00	100	144,190
Mon-10/31/22	-		-	144,208	100	24.00	100	144,208
TOTALS	-		-	4,470,696	100	744.00	100	4,470,696

TOTAL VOLUME EXTRACTED :	4,470,696 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	100.15 GPM

TABLE #3
CORE AREA EXTRACTION DATA

Month of: Oct-22

Core Area Well Extraction																							Daily Flow GPM	Daily Total Gallons
Date	TW-1			TW-2 (Dolph)			TW-3			TW-10			TW-14			TW-20			TW-24			TW-25		
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	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-10/1/22	-	-	-	50,514	35	24.00	-	-	-	-	-	-	-	-	-	43,111	30	24.00	28,490	20	24.00	28,830	20	24.00
Sun-10/2/22	-	-	-	50,554	35	24.00	-	-	-	-	-	-	-	-	-	43,054	30	24.00	28,395	20	24.00	28,902	20	24.00
Mon-10/3/22	-	-	-	50,595	35	24.00	-	-	-	-	-	-	-	-	-	43,001	30	24.00	28,404	20	24.00	28,904	20	24.00
Tue-10/4/22	-	-	-	50,548	35	24.00	-	-	-	-	-	-	-	-	-	42,936	30	24.00	28,484	20	24.00	28,846	20	24.00
Wed-10/5/22	-	-	-	50,567	35	24.00	-	-	-	-	-	-	-	-	-	43,096	30	24.00	28,524	20	24.00	28,832	20	24.00
Thu-10/6/22	-	-	-	50,586	35	24.00	-	-	-	-	-	-	-	-	-	43,241	30	24.00	28,540	20	24.00	28,826	20	24.00
Fri-10/7/22	-	-	-	50,550	35	24.00	-	-	-	-	-	-	-	-	-	43,139	30	24.00	28,371	20	24.00	28,926	20	24.00
Sat-10/8/22	-	-	-	50,525	35	24.00	-	-	-	-	-	-	-	-	-	43,104	30	24.00	28,396	20	24.00	28,880	20	24.00
Sun-10/9/22	-	-	-	50,520	35	24.00	-	-	-	-	-	-	-	-	-	43,070	30	24.00	28,477	20	24.00	28,831	20	24.00
Mon-10/10/22	-	-	-	50,490	35	24.00	-	-	-	-	-	-	-	-	-	43,059	30	24.00	28,430	20	24.00	28,894	20	24.00
Tue-10/11/22	-	-	-	50,479	35	24.00	-	-	-	-	-	-	-	-	-	43,193	30	24.00	28,455	20	24.00	28,881	20	24.00
Wed-10/12/22	-	-	-	50,465	35	24.00	-	-	-	-	-	-	-	-	-	43,350	30	24.00	28,598	20	24.00	28,787	20	24.00
Thu-10/13/22	-	-	-	50,451	35	24.00	-	-	-	-	-	-	-	-	-	43,292	30	24.00	28,577	20	24.00	28,789	20	24.00
Fri-10/14/22	-	-	-	50,344	35	24.00	-	-	-	-	-	-	-	-	-	43,245	30	24.00	28,444	20	24.00	28,827	20	24.00
Sat-10/15/22	-	-	-	50,165	35	24.00	-	-	-	-	-	-	-	-	-	43,238	30	24.00	28,369	20	24.00	28,891	20	24.00
Sun-10/16/22	-	-	-	50,169	35	24.00	-	-	-	-	-	-	-	-	-	43,223	30	24.00	28,374	20	24.00	28,887	20	24.00
Mon-10/17/22	-	-	-	50,188	35	24.00	-	-	-	-	-	-	-	-	-	43,227	30	24.00	28,481	20	24.00	28,810	20	24.00
Tue-10/18/22	-	-	-	50,198	35	24.00	-	-	-	-	-	-	-	-	-	43,203	30	24.00	28,413	20	24.00	28,858	20	24.00
Wed-10/19/22	-	-	-	50,149	35	24.00	-	-	-	-	-	-	-	-	-	43,179	30	24.00	28,364	20	24.00	28,911	20	24.00
Thu-10/20/22	-	-	-	50,197	35	24.00	-	-	-	-	-	-	-	-	-	43,170	30	24.00	28,382	20	24.00	28,889	20	24.00
Fri-10/21/22	-	-	-	50,093	35	24.00	-	-	-	-	-	-	-	-	-	43,153	30	24.00	28,375	20	24.00	28,919	20	24.00
Sat-10/22/22	-	-	-	49,936	35	24.00	-	-	-	-	-	-	-	-	-	43,122	30	24.00	28,319	20	24.00	29,029	20	24.00
Sun-10/23/22	-	-	-	49,770	35	24.00	-	-	-	-	-	-	-	-	-	43,101	30	24.00	28,493	20	24.00	29,087	20	24.00
Mon-10/24/22	-	-	-	49,787	35	24.00	-	-	-	-	-	-	-	-	-	43,117	30	24.00	28,726	20	24.00	28,989	20	24.00
Tue-10/25/22	-	-	-	49,782	35	24.00	-	-	-	-	-	-	-	-	-	43,105	30	24.00	28,837	20	24.00	28,887	20	24.00
Wed-10/26/22	-	-	-	49,990	35	24.00	-	-	-	-	-	-	-	-	-	43,079	30	24.00	28,768	20	24.00	28,938	20	24.00
Thu-10/27/22	-	-	-	50,237	35	24.00	-	-	-	-	-	-	-	-	-	43,058	30	24.00	28,520	20	24.00	28,872	20	24.00
Fri-10/28/22	-	-	-	50,261	35	24.00	-	-	-	-	-	-	-	-	-	43,054	30	24.00	28,593	20	24.00	29,097	20	24.00
Sat-10/29/22	-	-	-	50,219	35	24.00	-	-	-	-	-	-	-	-	-	43,020	30	24.00	28,661	20	24.00	29,071	20	24.00
Sun-10/30/22	-	-	-	50,063	35	24.00	-	-	-	-	-	-	-	-	-	43,005	30	24.00	28,787	20	24.00	28,903	20	24.00
Mon-10/31/22	-	-	-	50,400	35	24.00	-	-	-	-	-	-	-	-	-	43,014	30	24.00	28,838	20	24.00	28,886	20	24.00
TOTALS	-	-	-	1,558,792	35	744.00	-	-	-	-	-	-	-	-	-	1,336,959	30	744.00	883,885	20	744.00	895,879	20	744.00

TOTAL VOLUME EXTRACTED :	3,779,636 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	84.67 GPM

MARSHY AREA EXTRACTION DATA

Month of: Oct-22

Marshy Well Extraction				Daily Flow	Daily Total
Date	PW-1 Gallons	GPM	Run Hrs.	GPM	Gallons
Sat-10/1/22	1,707	1	24.00	1	1,707
Sun-10/2/22	1,704	1	24.00	1	1,704
Mon-10/3/22	1,707	1	24.00	1	1,707
Tue-10/4/22	1,698	1	24.00	1	1,698
Wed-10/5/22	1,693	1	24.00	1	1,693
Thu-10/6/22	1,691	1	24.00	1	1,691
Fri-10/7/22	1,717	1	24.00	1	1,717
Sat-10/8/22	1,729	1	24.00	1	1,729
Sun-10/9/22	1,724	1	24.00	1	1,724
Mon-10/10/22	1,714	1	24.00	1	1,714
Tue-10/11/22	1,828	1	24.00	1	1,828
Wed-10/12/22	1,948	1	24.00	1	1,948
Thu-10/13/22	1,947	1	24.00	1	1,947
Fri-10/14/22	1,947	1	24.00	1	1,947
Sat-10/15/22	1,944	1	24.00	1	1,944
Sun-10/16/22	1,937	1	24.00	1	1,937
Mon-10/17/22	1,944	1	24.00	1	1,944
Tue-10/18/22	1,946	1	24.00	1	1,946
Wed-10/19/22	1,942	1	24.00	1	1,942
Thu-10/20/22	1,946	1	24.00	1	1,946
Fri-10/21/22	1,939	1	24.00	1	1,939
Sat-10/22/22	1,933	1	24.00	1	1,933
Sun-10/23/22	1,930	1	24.00	1	1,930
Mon-10/24/22	1,929	1	24.00	1	1,929
Tue-10/25/22	1,928	1	24.00	1	1,928
Wed-10/26/22	1,939	1	24.00	1	1,939
Thu-10/27/22	1,950	1	24.00	1	1,950
Fri-10/28/22	1,947	1	24.00	1	1,947
Sat-10/29/22	1,940	1	24.00	1	1,940
Sun-10/30/22	1,938	1	24.00	1	1,938
Mon-10/31/22	1,935	1	24.00	1	1,935
TOTALS	57,721	1	744.00	1	57,721

TOTAL VOLUME EXTRACTED :	57,721 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	1.29 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: Oct-22

SouthWest Well Extraction							Daily	Daily
Date	TW22			TW28			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Sat-10/1/22	2,747	2	24.00	36,204	25	24.00	27	38,951
Sun-10/2/22	2,747	2	24.00	36,130	25	24.00	27	38,877
Mon-10/3/22	2,742	2	24.00	36,152	25	24.00	27	38,894
Tue-10/4/22	2,737	2	24.00	36,128	25	24.00	27	38,865
Wed-10/5/22	2,734	2	24.00	36,139	25	24.00	27	38,873
Thu-10/6/22	2,723	2	24.00	36,152	25	24.00	27	38,875
Fri-10/7/22	2,724	2	24.00	36,117	25	24.00	27	38,841
Sat-10/8/22	2,739	2	24.00	36,096	25	24.00	27	38,835
Sun-10/9/22	2,742	2	24.00	36,080	25	24.00	27	38,822
Mon-10/10/22	2,738	2	24.00	36,074	25	24.00	27	38,812
Tue-10/11/22	2,810	2	24.00	36,002	25	24.00	27	38,812
Wed-10/12/22	2,919	2	24.00	35,940	25	24.00	27	38,859
Thu-10/13/22	2,906	2	24.00	35,937	25	24.00	27	38,843
Fri-10/14/22	2,908	2	24.00	35,908	25	24.00	27	38,816
Sat-10/15/22	2,912	2	24.00	35,873	25	24.00	27	38,785
Sun-10/16/22	2,902	2	24.00	35,869	25	24.00	27	38,771
Mon-10/17/22	2,902	2	24.00	35,887	25	24.00	27	38,789
Tue-10/18/22	2,898	2	24.00	35,877	25	24.00	27	38,775
Wed-10/19/22	2,900	2	24.00	35,851	25	24.00	27	38,751
Thu-10/20/22	2,898	2	24.00	35,848	25	24.00	27	38,746
Fri-10/21/22	2,908	2	24.00	35,816	25	24.00	27	38,724
Sat-10/22/22	2,911	2	24.00	35,778	25	24.00	27	38,689
Sun-10/23/22	2,910	2	24.00	35,759	25	24.00	27	38,669
Mon-10/24/22	2,914	2	24.00	35,797	25	24.00	27	38,711
Tue-10/25/22	2,912	2	24.00	35,791	25	24.00	27	38,703
Wed-10/26/22	2,909	2	24.00	35,785	25	24.00	27	38,694
Thu-10/27/22	2,906	2	24.00	35,740	25	24.00	27	38,646
Fri-10/28/22	2,906	2	24.00	35,753	25	24.00	27	38,659
Sat-10/29/22	2,906	2	24.00	35,738	25	24.00	27	38,644
Sun-10/30/22	2,884	2	24.00	35,753	25	24.00	27	38,637
Mon-10/31/22	2,908	2	24.00	35,771	25	24.00	27	38,679
TOTALS	88,302	2	744.00	1,113,745	25	744.00	27	1,202,047

TOTAL VOLUME EXTRACTED :	1,202,047 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	26.93 GPM

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: Oct-22

Date	TW-11			TW-17			TW-18			TW-29			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-10/1/22	-	-	-	-	-	-	148,280	103	24.00	35,886	25	24.00	108,233	75	24.00	203	292,399
Sun-10/2/22	-	-	-	-	-	-	148,278	103	24.00	36,078	25	24.00	108,085	75	24.00	203	292,441
Mon-10/3/22	-	-	-	-	-	-	148,223	103	24.00	36,103	25	24.00	108,131	75	24.00	203	292,457
Tue-10/4/22	-	-	-	-	-	-	148,267	103	24.00	36,099	25	24.00	108,222	75	24.00	203	292,588
Wed-10/5/22	-	-	-	-	-	-	148,300	103	24.00	36,065	25	24.00	108,264	75	24.00	203	292,629
Thu-10/6/22	-	-	-	-	-	-	148,287	103	24.00	35,904	25	24.00	108,328	75	24.00	203	292,519
Fri-10/7/22	-	-	-	-	-	-	148,280	103	24.00	36,085	25	24.00	108,111	75	24.00	203	292,476
Sat-10/8/22	-	-	-	-	-	-	148,303	103	24.00	36,095	25	24.00	108,118	75	24.00	203	292,516
Sun-10/9/22	-	-	-	-	-	-	148,278	103	24.00	36,105	25	24.00	108,177	75	24.00	203	292,560
Mon-10/10/22	-	-	-	-	-	-	148,284	103	24.00	35,909	25	24.00	108,223	75	24.00	203	292,416
Tue-10/11/22	-	-	-	-	-	-	148,290	103	24.00	35,630	25	23.73	107,408	75	23.81	202	291,328
Wed-10/12/22	-	-	-	-	-	-	148,226	103	24.00	35,973	25	24.00	108,311	75	24.00	203	292,510
Thu-10/13/22	-	-	-	-	-	-	148,187	103	24.00	35,955	25	24.00	108,303	75	24.00	203	292,445
Fri-10/14/22	-	-	-	12,144	25	8.03	148,199	103	24.00	35,945	25	24.00	108,102	75	24.00	211	304,390
Sat-10/15/22	-	-	-	36,205	25	24.00	148,177	103	24.00	35,943	25	24.00	107,998	75	24.00	228	328,323
Sun-10/16/22	-	-	-	36,327	25	24.00	148,165	103	24.00	35,922	25	24.00	108,270	75	24.00	228	328,684
Mon-10/17/22	-	-	-	36,262	25	24.00	148,126	103	24.00	35,922	25	24.00	108,162	75	24.00	228	328,472
Tue-10/18/22	-	-	-	36,286	25	24.00	148,140	103	24.00	35,950	25	24.00	108,122	75	24.00	228	328,498
Wed-10/19/22	-	-	-	36,044	25	24.00	148,052	103	24.00	35,966	25	24.00	108,077	75	24.00	228	328,139
Thu-10/20/22	-	-	-	35,879	25	24.00	148,044	103	24.00	35,992	25	24.00	108,101	75	24.00	228	328,016
Fri-10/21/22	-	-	-	36,055	25	24.00	147,991	103	24.00	35,984	25	24.00	108,355	75	24.00	228	328,385
Sat-10/22/22	-	-	-	36,176	25	24.00	148,080	103	24.00	35,971	25	24.00	107,974	75	24.00	228	328,201
Sun-10/23/22	-	-	-	2,027	25	1.35	147,996	103	24.00	35,777	25	23.95	108,116	75	23.95	204	293,916
Mon-10/24/22	-	-	-	-	-	-	148,049	103	24.00	35,867	25	24.00	108,393	75	24.00	203	292,309
Tue-10/25/22	-	-	-	-	-	-	148,075	103	24.00	35,918	25	24.00	108,447	75	24.00	203	292,440
Wed-10/26/22	-	-	-	-	-	-	148,041	103	24.00	35,892	25	24.00	108,361	75	24.00	203	292,294
Thu-10/27/22	-	-	-	-	-	-	148,055	103	24.00	35,777	25	24.00	108,237	75	24.00	203	292,069
Fri-10/28/22	-	-	-	-	-	-	148,024	103	24.00	35,820	25	24.00	108,335	75	24.00	203	292,179
Sat-10/29/22	-	-	-	-	-	-	148,009	103	24.00	35,875	25	24.00	108,360	75	24.00	203	292,244
Sun-10/30/22	-	-	-	-	-	-	147,987	103	24.00	35,951	25	24.00	108,394	75	24.00	203	292,332
Mon-10/31/22	-	-	-	-	-	-	148,028	103	24.00	36,002	25	24.00	108,129	75	24.00	203	292,159
TOTALS	-	-	-	303,405	25	201.38	4,592,721	103	744.00	1,114,361	25	743.68	3,353,847	75	743.76	210	9,364,334

TOTAL VOLUME EXTRACTED :	9,364,334 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	209.77 GPM

10/1/22 - 10/14/22 - TW-17 was shut down to control Red Pond levels.

10/23/22 - 10/31/22 - TW-17 was shut down to control Red Pond levels.

TABLE #7

Little Lake Area System

MW-53i	
Date	1,4-Dioxane ug/L
07/05/22	23
08/02/22	22
09/02/22	21
10/03/22	19

TABLE #8**INDIVIDUAL PURGE WELL CONCENTRATIONS**

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
DOLPH-10-11-22-11:50-1	10/11/22	120
TW-20-10-11-22-12:45-1	10/11/22	740
TW-24-10-11-22-11:30-1	10/11/22	2000
TW-25-10-11-22-12:30-1	10/11/22	1900
LB-4-10-11-22-10:45-1	10/11/22	460
TW-21-10-11-22-11:20-1	10/11/22	220
TW-5-10-11-22-12:05-1	10/11/22	650
TW-9-10-11-22-12:20-1	10/11/22	410
TW-18-10-11-22-11:25-1	10/11/22	230
TW-23-10-11-22-10:50-1	10/11/22	360
TW-29-10-11-22-11:05-1	10/11/22	330
PW-1-10-11-22-12:00-1	10/11/22	900
TW-22-10-11-22-13:15-1	10/11/22	470
TW-28-10-11-22-13:00-1	10/11/22	620

RED POND DATA

Month of: Oct-22

			Red Pond				
Date	Time	Notes	Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Sat-10/1/22	14:00:00.000	(1)		6.2	-	24.00	601
Sun-10/2/22	12:15:00.000	(1)		6.0	-	24.00	601
Mon-10/3/22	10:30:00.000		Y	5.8	-	24.00	601
Tue-10/4/22	08:45:00.000		Y	5.5	-	24.00	601
Wed-10/5/22	07:00:00.000		Y	5.3	-	24.00	601
Thu-10/6/22	05:15:00.000		Y	5.3	-	24.00	601
Fri-10/7/22	04:00:00.000		Y	5.1	-	24.00	601
Sat-10/8/22	04:00:00.000	(1)		4.8	-	24.00	601
Sun-10/9/22	04:00:00.000	(1)		4.6	-	24.00	601
Mon-10/10/22	04:00:00.000		Y	5.1	-	24.00	601
Tue-10/11/22	04:00:00.000		Y	5.0	-	24.00	601
Wed-10/12/22	04:00:00.000		Y	5.0	-	24.00	601
Thu-10/13/22	04:00:00.000		Y	4.8	-	24.00	602
Fri-10/14/22	04:00:00.000		Y	5.1	-	24.00	610
Sat-10/15/22	04:00:00.000	(1)		5.2	-	24.00	627
Sun-10/16/22	04:00:00.000	(1)		5.4	-	24.00	627
Mon-10/17/22	04:00:00.000		Y	5.6	-	24.00	627
Tue-10/18/22	04:00:00.000		Y	5.7	-	24.00	627
Wed-10/19/22	04:00:00.000		Y	5.8	-	24.00	627
Thu-10/20/22	04:00:00.000		Y	6.0	-	24.00	627
Fri-10/21/22	04:00:00.000		Y	6.1	-	24.00	627
Sat-10/22/22	04:00:00.000	(1)		6.2	-	24.00	626
Sun-10/23/22	04:00:00.000	(1)		6.0	-	24.00	603
Mon-10/24/22	04:00:00.000		Y	5.8	-	24.00	601
Tue-10/25/22	04:00:00.000		Y	5.6	-	24.00	601
Wed-10/26/22	04:00:00.000		Y	5.4	-	24.00	601
Thu-10/27/22	04:00:00.000		Y	5.2	-	24.00	602
Fri-10/28/22	04:00:00.000		Y	5.2	-	24.00	602
Sat-10/29/22	04:00:00.000	(1)		5.0	-	24.00	601
Sun-10/30/22	04:00:00.000	(1)		4.8	-	24.00	601
Mon-10/31/22	04:00:00.000		Y	4.6	-	24.00	601
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

SAMPLE ID	Date Sampled	1,4-DIOXANE (ppb)
Red Pond-10-03-22-07:40-1	10/3/2022	460
Red Pond-10-10-22-07:50-1	10/10/2022	460
Red Pond-10-12-22-07:52-1	10/12/2022	450
Red Pond-10-17-22-08:30-1	10/17/2022	420
Red Pond-10-18-22-07:56-1	10/18/2022	420
Red Pond-10-19-22-08:33-1	10/19/2022	410
Red Pond-10-20-22-07:33-1	10/20/2022	420
Red Pond-10-21-22-07:43-1	10/21/2022	420
Red Pond-10-24-22-08:05-1	10/24/2022	430
Red Pond-10-25-22-07:39-1	10/25/2022	440
Red Pond-10-26-22-08:01-1	10/26/2022	430
Red Pond-10-27-22-07:50-1	10/27/2022	430
Red Pond-10-28-22-07:55-1	10/28/2022	440
Red Pond-10-31-22-07:40-1	10/31/2022	430

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

OZONE OPERATION REPORT

Month of: Oct-22

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-10/1/22	14:00:00.000	(1)	238	24.00	0	0.00	380	24.00	0	0.00
Sun-10/2/22	12:15:00.000	(1)	242	24.00	0	0.00	381	24.00	0	0.00
Mon-10/3/22	10:30:00.000		239	24.00	0	0.00	380	24.00	0	0.00
Tue-10/4/22	08:45:00.000		237	24.00	0	0.00	381	24.00	0	0.00
Wed-10/5/22	07:00:00.000		239	24.00	0	0.00	381	24.00	0	0.00
Thu-10/6/22	05:15:00.000		239	24.00	0	0.00	380	24.00	0	0.00
Fri-10/7/22	04:00:00.000		241	24.00	0	0.00	381	24.00	0	0.00
Sat-10/8/22	04:00:00.000	(1)	238	24.00	0	0.00	381	24.00	0	0.00
Sun-10/9/22	04:00:00.000	(1)	238	24.00	0	0.00	381	24.00	0	0.00
Mon-10/10/22	04:00:00.000		241	21.80	0	0.00	380	21.88	0	0.00
Tue-10/11/22	04:00:00.000		243	24.00	0	0.00	379	23.83	0	0.00
Wed-10/12/22	04:00:00.000		237	23.48	0	0.00	380	23.60	0	0.00
Thu-10/13/22	04:00:00.000		237	24.00	0	0.00	380	24.00	0	0.00
Fri-10/14/22	04:00:00.000		238	24.00	0	0.00	380	24.00	0	0.00
Sat-10/15/22	04:00:00.000	(1)	236	23.62	0	0.00	380	22.90	0	0.00
Sun-10/16/22	04:00:00.000	(1)	236	24.00	0	0.00	380	24.00	0	0.00
Mon-10/17/22	04:00:00.000		239	24.00	0	0.00	380	24.00	0	0.00
Tue-10/18/22	04:00:00.000		237	24.00	0	0.00	381	24.00	0	0.00
Wed-10/19/22	04:00:00.000		238	24.00	0	0.00	380	24.00	0	0.00
Thu-10/20/22	04:00:00.000		236	24.00	0	0.00	380	24.00	0	0.00
Fri-10/21/22	04:00:00.000		241	24.00	0	0.00	381	24.00	0	0.00
Sat-10/22/22	04:00:00.000	(1)	240	24.00	0	0.00	381	24.00	0	0.00
Sun-10/23/22	04:00:00.000	(1)	236	24.00	0	0.00	380	24.00	0	0.00
Mon-10/24/22	04:00:00.000		239	24.00	0	0.00	381	24.00	0	0.00
Tue-10/25/22	04:00:00.000		242	24.00	0	0.00	381	24.00	0	0.00
Wed-10/26/22	04:00:00.000		238	24.00	0	0.00	380	24.00	0	0.00
Thu-10/27/22	04:00:00.000		241	24.00	0	0.00	380	24.00	0	0.00
Fri-10/28/22	04:00:00.000		240	23.90	0	0.00	380	23.35	0	0.00
Sat-10/29/22	04:00:00.000	(1)	243	24.00	0	0.00	381	24.00	0	0.00
Sun-10/30/22	04:00:00.000	(1)	237	24.00	0	0.00	380	24.00	0	0.00
Mon-10/31/22	04:00:00.000		239	24.00	0	0.00	380	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.

10/10/22 - Treatment was shut down briefly for maintenance.

10/15/22 - Treatment System 2A was shut down briefly for maintenance.

TABLE #12
GREEN POND / DISCHARGE DATA

Month of: Oct-22

			Green Pond																	
			Pond					Pond Discharge			Bypass Discharge			Recirc Thru UV to Pond			Recirc Thru UV to Disch			
			Visual Chk	Level Feet	Aeration Hours	Influent Hours	Influent GPM	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours	
Date	Time	Notes																		
Sat-10/1/22	14:00:00.000	(1)		-	-						644	928,012	24.00	-	-	-	-	-	-	
Sun-10/2/22	12:15:00.000	(1)		-	-						644	927,634	24.00	-	-	-	-	-	-	
Mon-10/3/22	10:30:00.000		Y	-	-						644	927,603	24.00	-	-	-	-	-	-	
Tue-10/4/22	08:45:00.000		Y	-	-						644	927,609	24.00	-	-	-	-	-	-	
Wed-10/5/22	07:00:00.000		Y	-	-						644	927,765	24.00	-	-	-	-	-	-	
Thu-10/6/22	05:15:00.000		Y	-	-						643	910,274	23.60	-	-	-	-	-	-	
Fri-10/7/22	04:00:00.000		Y	-	-						644	927,487	24.00	-	-	-	-	-	-	
Sat-10/8/22	04:00:00.000	(1)		-	-						644	927,319	24.00	-	-	-	-	-	-	
Sun-10/9/22	04:00:00.000	(1)		-	-						644	927,272	24.00	-	-	-	-	-	-	
Mon-10/10/22	04:00:00.000		Y	-	-						642	826,623	21.47	-	-	-	-	-	-	
Tue-10/11/22	04:00:00.000		Y	-	-						636	915,255	24.00	-	-	-	-	-	-	
Wed-10/12/22	04:00:00.000		Y	-	-						640	903,209	23.53	-	-	-	-	-	-	
Thu-10/13/22	04:00:00.000		Y	-	-						642	924,875	24.00	-	-	-	-	-	-	
Fri-10/14/22	04:00:00.000		Y	-	-						642	924,991	24.00	-	-	-	-	-	-	
Sat-10/15/22	04:00:00.000	(1)		-	-						629	889,978	23.57	-	-	-	-	-	-	
Sun-10/16/22	04:00:00.000	(1)		-	-						643	925,466	24.00	-	-	-	-	-	-	
Mon-10/17/22	04:00:00.000		Y	-	-						643	925,883	24.00	-	-	-	-	-	-	
Tue-10/18/22	04:00:00.000		Y	-	-						642	925,036	24.00	-	-	-	-	-	-	
Wed-10/19/22	04:00:00.000		Y	-	-						642	924,470	24.00	-	-	-	-	-	-	
Thu-10/20/22	04:00:00.000		Y	-	-						642	924,632	24.00	-	-	-	-	-	-	
Fri-10/21/22	04:00:00.000		Y	-	-						642	924,445	24.00	-	-	-	-	-	-	
Sat-10/22/22	04:00:00.000	(1)		-	-						642	925,058	24.00	-	-	-	-	-	-	
Sun-10/23/22	04:00:00.000	(1)		-	-						642	924,903	24.00	-	-	-	-	-	-	
Mon-10/24/22	04:00:00.000		Y	-	-						642	924,284	24.00	-	-	-	-	-	-	
Tue-10/25/22	04:00:00.000		Y	-	-						641	923,326	24.00	-	-	-	-	-	-	
Wed-10/26/22	04:00:00.000		Y	-	-						641	923,648	24.00	-	-	-	-	-	-	
Thu-10/27/22	04:00:00.000		Y	-	-						639	920,348	24.00	-	-	-	-	-	-	
Fri-10/28/22	04:00:00.000		Y	-	-						625	892,036	23.80	-	-	-	-	-	-	
Sat-10/29/22	04:00:00.000	(1)		-	-						641	923,699	24.00	-	-	-	-	-	-	
Sun-10/30/22	04:00:00.000	(1)		-	-						642	924,903	24.00	-	-	-	-	-	-	
Mon-10/31/22	04:00:00.000		Y	-	-						640	922,047	24.00	-	-	-	-	-	-	
TOTALS						-	-			-	-	28,470,090	740		-	-		-	-	

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.

