



November 20, 2020

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

**Re: Monitoring Report # 282  
October 1 – October 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 October 1 through October 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 faint, light blue rectangular stamp.

Jim Brode, CPG  
Senior Project Manager

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



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UNIT D2 UPGRADIENT EXTRACTION DATA

Month of: Oct-20

Date	Horizontal Well Extraction			TW-9			TW-5			TW-21			Daily Flow GPM	Daily Total Gallons
	HW-S Gallons	GPM	Run Hrs.	TW-9 Gallons	GPM	Run Hrs.	TW-5 Gallons	GPM	Run Hrs.	TW-21 Gallons	GPM	Run Hrs.		
Thu-10/1/20	-	-	-	-	-	-	-	-	-	72,101	50	24.00	50	72,101
Fri-10/2/20	-	-	-	-	-	-	-	-	-	72,097	50	24.00	50	72,097
Sat-10/3/20	-	-	-	-	-	-	-	-	-	72,075	50	24.00	50	72,075
Sun-10/4/20	-	-	-	-	-	-	-	-	-	72,060	50	24.00	50	72,060
Mon-10/5/20	-	-	-	-	-	-	-	-	-	72,086	50	24.00	50	72,086
Tue-10/6/20	-	-	-	-	-	-	-	-	-	72,135	50	24.00	50	72,135
Wed-10/7/20	-	-	-	-	-	-	-	-	-	72,162	50	24.00	50	72,162
Thu-10/8/20	-	-	-	-	-	-	-	-	-	72,121	50	24.00	50	72,121
Fri-10/9/20	-	-	-	-	-	-	-	-	-	72,131	50	24.00	50	72,131
Sat-10/10/20	-	-	-	-	-	-	-	-	-	72,186	50	24.00	50	72,186
Sun-10/11/20	-	-	-	-	-	-	-	-	-	72,145	50	24.00	50	72,145
Mon-10/12/20	-	-	-	-	-	-	-	-	-	72,143	50	24.00	50	72,143
Tue-10/13/20	-	-	-	-	-	-	-	-	-	72,136	50	24.00	50	72,136
Wed-10/14/20	-	-	-	-	-	-	-	-	-	72,109	50	24.00	50	72,109
Thu-10/15/20	-	-	-	-	-	-	-	-	-	72,108	50	24.00	50	72,108
Fri-10/16/20	-	-	-	-	-	-	-	-	-	72,062	50	24.00	50	72,062
Sat-10/17/20	-	-	-	-	-	-	-	-	-	72,067	50	24.00	50	72,067
Sun-10/18/20	-	-	-	-	-	-	-	-	-	72,094	50	24.00	50	72,094
Mon-10/19/20	-	-	-	-	-	-	-	-	-	72,044	50	24.00	50	72,044
Tue-10/20/20	-	-	-	-	-	-	-	-	-	72,084	50	24.00	50	72,084
Wed-10/21/20	-	-	-	-	-	-	-	-	-	72,107	50	24.00	50	72,107
Thu-10/22/20	690	138	0.08	-	-	-	-	-	-	72,090	50	24.00	51	72,780
Fri-10/23/20	970	81	0.20	-	-	-	-	-	-	72,145	50	24.00	51	73,115
Sat-10/24/20	-	-	-	-	-	-	-	-	-	72,036	50	24.00	50	72,036
Sun-10/25/20	-	-	-	-	-	-	-	-	-	72,037	50	24.00	50	72,037
Mon-10/26/20	777	65	0.20	-	-	-	-	-	-	72,049	50	24.00	51	72,826
Tue-10/27/20	-	-	-	-	-	-	-	-	-	72,023	50	24.00	50	72,023
Wed-10/28/20	237	30	0.13	-	-	-	-	-	-	72,065	50	24.00	50	72,302
Thu-10/29/20	-	-	-	-	-	-	-	-	-	72,033	50	24.00	50	72,033
Fri-10/30/20	-	-	-	-	-	-	-	-	-	72,015	50	24.00	50	72,015
Sat-10/31/20	-	-	-	-	-	-	-	-	-	72,028	50	24.00	50	72,028.00
<b>TOTALS</b>	<b>2,674</b>	<b>78</b>	<b>0.62</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,234,774</b>	<b>50</b>	<b>744.00</b>	<b>50</b>	<b>2,237,448</b>

part 201, dioxin, dioxane, rrd, remediation

TOTAL VOLUME EXTRACTED :	2,237,448 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	50.12 GPM

**UNIT D2 DOWNGRADIENT EXTRACTION DATA**

Month of: **Oct-20**

Date	LB-1			LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Thu-10/1/20	-	-	-	144,162	100	24.00	100	144,162
Fri-10/2/20	-	-	-	144,216	100	24.00	100	144,216
Sat-10/3/20	-	-	-	144,155	100	24.00	100	144,155
Sun-10/4/20	-	-	-	144,219	100	24.00	100	144,219
Mon-10/5/20	-	-	-	144,252	100	24.00	100	144,252
Tue-10/6/20	-	-	-	144,202	100	24.00	100	144,202
Wed-10/7/20	-	-	-	144,224	100	24.00	100	144,224
Thu-10/8/20	-	-	-	144,170	100	24.00	100	144,170
Fri-10/9/20	-	-	-	144,207	100	24.00	100	144,207
Sat-10/10/20	-	-	-	144,197	100	24.00	100	144,197
Sun-10/11/20	-	-	-	144,126	100	24.00	100	144,126
Mon-10/12/20	-	-	-	144,204	100	24.00	100	144,204
Tue-10/13/20	-	-	-	144,189	100	24.00	100	144,189
Wed-10/14/20	-	-	-	144,170	100	24.00	100	144,170
Thu-10/15/20	-	-	-	144,226	100	24.00	100	144,226
Fri-10/16/20	-	-	-	144,176	100	24.00	100	144,176
Sat-10/17/20	-	-	-	144,188	100	24.00	100	144,188
Sun-10/18/20	-	-	-	144,172	100	24.00	100	144,172
Mon-10/19/20	-	-	-	144,177	100	24.00	100	144,177
Tue-10/20/20	-	-	-	144,229	100	24.00	100	144,229
Wed-10/21/20	-	-	-	144,200	100	24.00	100	144,200
Thu-10/22/20	-	-	-	144,239	100	24.00	100	144,239
Fri-10/23/20	-	-	-	144,199	100	24.00	100	144,199
Sat-10/24/20	-	-	-	144,199	100	24.00	100	144,199
Sun-10/25/20	-	-	-	144,182	100	24.00	100	144,182
Mon-10/26/20	-	-	-	144,180	100	24.00	100	144,180
Tue-10/27/20	-	-	-	144,218	100	24.00	100	144,218
Wed-10/28/20	-	-	-	144,191	100	24.00	100	144,191
Thu-10/29/20	-	-	-	144,178	100	24.00	100	144,178
Fri-10/30/20	-	-	-	144,182	100	24.00	100	144,182
Sat-10/31/20	-	-	-	144,213	100	24.00	100	144,213.00
<b>TOTALS</b>	-	-	-	<b>4,470,042</b>	<b>100</b>	<b>744.00</b>	<b>100</b>	<b>4,470,042</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>4,470,042 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>31 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>100.14 GPM</b>

TABLE #3

CORE AREA EXTRACTION DATA

Month of: Oct-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.		
Thu-10/1/20	-	-	-	41,210	29	24.00	-	-	-	-	-	-	-	-	-	28,987	20	24.00	49	70,197
Fri-10/2/20	-	-	-	41,762	29	24.00	-	-	-	-	-	-	-	-	-	28,960	20	24.00	49	70,722
Sat-10/3/20	-	-	-	42,037	29	24.00	-	-	-	-	-	-	-	-	-	28,936	20	24.00	49	70,973
Sun-10/4/20	-	-	-	41,966	29	24.00	-	-	-	-	-	-	-	-	-	28,944	20	23.98	49	70,910
Mon-10/5/20	-	-	-	41,994	29	24.00	-	-	-	-	-	-	-	-	-	28,949	20	24.00	49	70,943
Tue-10/6/20	-	-	-	41,864	29	24.00	-	-	-	-	-	-	-	-	-	28,946	20	24.00	49	70,810
Wed-10/7/20	-	-	-	41,724	29	24.00	-	-	-	-	-	-	-	-	-	28,936	20	24.00	49	70,660
Thu-10/8/20	-	-	-	41,724	29	24.00	-	-	-	-	-	-	-	-	-	28,935	20	24.00	49	70,659
Fri-10/9/20	-	-	-	41,794	29	24.00	-	-	-	-	-	-	-	-	-	28,927	20	24.00	49	70,721
Sat-10/10/20	-	-	-	41,725	29	24.00	-	-	-	-	-	-	-	-	-	28,945	20	24.00	49	70,670
Sun-10/11/20	-	-	-	41,761	29	24.00	-	-	-	-	-	-	-	-	-	28,912	20	23.98	49	70,673
Mon-10/12/20	-	-	-	41,743	29	24.00	-	-	-	-	-	-	-	-	-	28,945	20	24.00	49	70,688
Tue-10/13/20	-	-	-	41,742	29	24.00	-	-	-	-	-	-	-	-	-	28,951	20	24.00	49	70,693
Wed-10/14/20	-	-	-	41,743	29	24.00	-	-	-	-	-	-	-	-	-	28,919	20	24.00	49	70,662
Thu-10/15/20	-	-	-	41,726	29	24.00	-	-	-	-	-	-	-	-	-	28,926	20	24.00	49	70,652
Fri-10/16/20	-	-	-	41,761	29	24.00	-	-	-	-	-	-	-	-	-	28,955	20	24.00	49	70,716
Sat-10/17/20	-	-	-	41,765	29	24.00	-	-	-	-	-	-	-	-	-	28,956	20	24.00	49	70,721
Sun-10/18/20	-	-	-	41,754	29	24.00	-	-	-	-	-	-	-	-	-	28,936	20	23.98	49	70,690
Mon-10/19/20	-	-	-	41,784	29	24.00	-	-	-	-	-	-	-	-	-	28,937	20	24.00	49	70,721
Tue-10/20/20	-	-	-	41,792	29	24.00	-	-	-	-	-	-	-	-	-	28,929	20	24.00	49	70,721
Wed-10/21/20	-	-	-	41,777	29	24.00	-	-	-	-	-	-	-	-	-	28,932	20	24.00	49	70,709
Thu-10/22/20	-	-	-	41,773	29	24.00	-	-	-	-	-	-	-	-	-	28,916	20	24.00	49	70,689
Fri-10/23/20	-	-	-	41,743	29	24.00	-	-	-	-	-	-	-	-	-	28,910	20	24.00	49	70,653
Sat-10/24/20	-	-	-	41,811	29	24.00	-	-	-	-	-	-	-	-	-	28,931	20	24.00	49	70,742
Sun-10/25/20	-	-	-	41,827	29	24.00	-	-	-	-	-	-	-	-	-	28,938	20	24.00	49	70,765
Mon-10/26/20	-	-	-	41,811	29	24.00	-	-	-	-	-	-	-	-	-	28,912	20	24.00	49	70,723
Tue-10/27/20	-	-	-	41,835	29	24.00	-	-	-	-	-	-	-	-	-	28,931	20	24.00	49	70,766
Wed-10/28/20	-	-	-	41,824	29	24.00	-	-	-	-	-	-	-	-	-	28,965	20	24.00	49	70,787
Thu-10/29/20	-	-	-	41,839	29	24.00	-	-	-	-	-	-	-	-	-	28,917	20	24.00	49	70,756
Fri-10/30/20	-	-	-	41,847	29	24.00	-	-	-	-	-	-	-	-	-	28,922	20	24.00	49	70,769
Sat-10/31/20	-	-	-	41,808	29	24.00	-	-	-	-	-	-	-	-	-	28,938	20	24.00	49	70,746
<b>TOTALS</b>	-	-	-	<b>1,295,266</b>	<b>29</b>	<b>744.00</b>	-	-	-	-	-	-	-	-	-	<b>897,041</b>	<b>20</b>	<b>743.95</b>	<b>49</b>	<b>2,192,307</b>

TOTAL VOLUME EXTRACTED :	2,192,307 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	49.11 GPM

**MARSHY AREA EXTRACTION DATA**

Month of: Oct-20

Marshy Well Extraction				Daily Flow	Daily Total
Date	PW-1 Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-10/1/20	2,083	1	24.00	1	2,083
Fri-10/2/20	2,081	1	24.00	1	2,081
Sat-10/3/20	2,082	1	24.00	1	2,082
Sun-10/4/20	2,084	1	24.00	1	2,084
Mon-10/5/20	2,091	1	24.00	1	2,091
Tue-10/6/20	2,021	1	24.00	1	2,021
Wed-10/7/20	1,950	1	24.00	1	1,950
Thu-10/8/20	1,950	1	24.00	1	1,950
Fri-10/9/20	1,950	1	24.00	1	1,950
Sat-10/10/20	1,943	1	24.00	1	1,943
Sun-10/11/20	1,948	1	24.00	1	1,948
Mon-10/12/20	1,948	1	24.00	1	1,948
Tue-10/13/20	1,956	1	24.00	1	1,956
Wed-10/14/20	1,953	1	24.00	1	1,953
Thu-10/15/20	1,962	1	24.00	1	1,962
Fri-10/16/20	1,964	1	24.00	1	1,964
Sat-10/17/20	1,959	1	24.00	1	1,959
Sun-10/18/20	1,965	1	24.00	1	1,965
Mon-10/19/20	1,968	1	24.00	1	1,968
Tue-10/20/20	1,970	1	24.00	1	1,970
Wed-10/21/20	1,970	1	24.00	1	1,970
Thu-10/22/20	1,971	1	24.00	1	1,971
Fri-10/23/20	1,962	1	24.00	1	1,962
Sat-10/24/20	1,981	1	24.00	1	1,981
Sun-10/25/20	2,052	1	24.00	1	2,052
Mon-10/26/20	2,057	1	24.00	1	2,057
Tue-10/27/20	2,050	1	24.00	1	2,050
Wed-10/28/20	1,911	1	24.00	1	1,911
Thu-10/29/20	1,755	1	24.00	1	1,755
Fri-10/30/20	1,745	1	24.00	1	1,745
Sat-10/31/20	1,729	1	24.00	1	1,729
<b>TOTALS</b>	<b>61,011</b>	<b>1</b>	<b>744.00</b>	<b>1</b>	<b>61,011</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>61,011 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>31 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>1.37 GPM</b>

**SOUTHWEST AREA EXTRACTION DATA**

Month of: **Oct-20**

SouthWest Well Extraction							Daily	Daily
Date	TW22			TW28			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Thu-10/1/20	1,408	<1	24.00	36,224	25	24.00	26	37,632
Fri-10/2/20	1,406	<1	24.00	36,215	25	24.00	26	37,621
Sat-10/3/20	1,438	<1	24.00	36,198	25	24.00	26	37,636
Sun-10/4/20	1,437	1	23.93	36,184	25	24.00	26	37,621
Mon-10/5/20	1,464	1	24.00	36,243	25	24.00	26	37,707
Tue-10/6/20	1,413	<1	23.92	35,915	25	24.00	26	37,328
Wed-10/7/20	1,377	<1	24.00	35,658	25	24.00	26	37,035
Thu-10/8/20	1,361	<1	24.00	35,837	25	24.00	26	37,198
Fri-10/9/20	1,345	<1	24.00	35,822	25	24.00	26	37,167
Sat-10/10/20	1,328	<1	24.00	35,806	25	24.00	26	37,134
Sun-10/11/20	1,311	<1	23.97	35,794	25	24.00	26	37,105
Mon-10/12/20	1,301	<1	24.00	35,839	25	24.00	26	37,140
Tue-10/13/20	1,278	<1	24.00	35,813	25	24.00	26	37,091
Wed-10/14/20	1,268	<1	24.00	35,834	25	24.00	26	37,102
Thu-10/15/20	1,244	<1	24.00	35,833	25	24.00	26	37,077
Fri-10/16/20	1,231	<1	24.00	35,822	25	24.00	26	37,053
Sat-10/17/20	1,225	<1	24.00	35,813	25	24.00	26	37,038
Sun-10/18/20	1,214	<1	24.00	35,808	25	24.00	26	37,022
Mon-10/19/20	1,194	<1	24.00	35,790	25	24.00	26	36,984
Tue-10/20/20	1,178	<1	24.00	35,791	25	24.00	26	36,969
Wed-10/21/20	1,155	<1	24.00	35,812	25	24.00	26	36,967
Thu-10/22/20	1,129	<1	24.00	35,801	25	24.00	26	36,930
Fri-10/23/20	1,170	<1	23.92	35,777	25	24.00	26	36,947
Sat-10/24/20	1,103	<1	24.00	35,814	25	24.00	26	36,917
Sun-10/25/20	1,098	<1	24.00	35,818	25	24.00	26	36,916
Mon-10/26/20	1,074	<1	24.00	35,782	25	24.00	26	36,856
Tue-10/27/20	1,059	<1	24.00	36,246	25	24.00	26	37,305
Wed-10/28/20	1,047	<1	24.00	36,354	25	24.00	26	37,401
Thu-10/29/20	1,037	<1	24.00	36,379	25	24.00	26	37,416
Fri-10/30/20	1,031	<1	24.00	36,347	25	24.00	26	37,378
Sat-10/31/20	1,041	<1	24.00	36,169	25	24.00	26	37,210
<b>TOTALS</b>	<b>38,365</b>	<b>1</b>	<b>743.73</b>	<b>1,114,538</b>	<b>25</b>	<b>744.00</b>	<b>26</b>	<b>1,152,903</b>

<b>TOTAL VOLUME EXTRACTED :</b>	<b>1,152,903 GALLONS</b>
<b>DAYS IN MONTH :</b>	<b>31 DAYS</b>
<b>MONTHLY AVERAGE FLOW RATE :</b>	<b>25.83 GPM</b>

TABLE #6  
UNIT "E" EXTRACTION DATA

Month of: Oct-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.		
Thu-10/1/20	-	-	-	-	-	-	219,384	152	24.00	57,428	40	24.00	86,491	60	24.00	252	363,303
Fri-10/2/20	-	-	-	-	-	-	219,437	152	24.00	57,459	40	24.00	86,487	60	24.00	252	363,383
Sat-10/3/20	-	-	-	-	-	-	219,469	152	24.00	57,497	40	24.00	86,507	60	24.00	252	363,473
Sun-10/4/20	-	-	-	-	-	-	219,408	152	23.98	57,550	40	23.98	86,443	60	23.98	252	363,401
Mon-10/5/20	-	-	-	-	-	-	219,580	152	24.00	57,595	40	24.00	86,525	60	24.00	253	363,700
Tue-10/6/20	-	-	-	-	-	-	219,703	153	24.00	57,104	40	23.81	85,929	60	23.85	252	362,736
Wed-10/7/20	-	-	-	-	-	-	219,705	153	24.00	57,544	40	24.00	86,490	60	24.00	253	363,739
Thu-10/8/20	-	-	-	-	-	-	219,658	153	24.00	57,480	40	24.00	86,479	60	24.00	253	363,617
Fri-10/9/20	-	-	-	-	-	-	219,679	153	24.00	57,529	40	24.00	86,516	60	24.00	253	363,724
Sat-10/10/20	-	-	-	-	-	-	219,672	153	24.00	57,540	40	24.00	86,583	60	24.00	253	363,795
Sun-10/11/20	-	-	-	-	-	-	219,631	153	23.98	57,529	40	23.98	86,514	60	23.98	253	363,674
Mon-10/12/20	-	-	-	-	-	-	219,577	152	24.00	57,540	40	24.00	86,501	60	24.00	253	363,618
Tue-10/13/20	-	-	-	-	-	-	219,528	152	24.00	57,570	40	24.00	86,584	60	24.00	253	363,682
Wed-10/14/20	-	-	-	-	-	-	219,520	152	24.00	57,581	40	24.00	86,529	60	24.00	253	363,630
Thu-10/15/20	-	-	-	-	-	-	219,545	152	24.00	57,588	40	24.00	86,559	60	24.00	253	363,692
Fri-10/16/20	-	-	-	-	-	-	219,532	152	24.00	57,637	40	24.00	86,592	60	24.00	253	363,761
Sat-10/17/20	-	-	-	-	-	-	219,660	153	24.00	57,607	40	24.00	86,597	60	24.00	253	363,864
Sun-10/18/20	-	-	-	-	-	-	219,687	153	23.98	57,588	40	23.98	86,533	60	23.98	253	363,808
Mon-10/19/20	-	-	-	-	-	-	219,698	153	24.00	57,628	40	24.00	86,547	60	24.00	253	363,873
Tue-10/20/20	-	-	-	-	-	-	219,746	153	24.00	57,628	40	24.00	86,601	60	24.00	253	363,975
Wed-10/21/20	-	-	-	-	-	-	219,760	153	24.00	57,606	40	24.00	86,599	60	24.00	253	363,965
Thu-10/22/20	-	-	-	-	-	-	219,794	153	24.00	57,602	40	24.00	86,547	60	24.00	253	363,943
Fri-10/23/20	-	-	-	-	-	-	219,811	153	24.00	57,585	40	24.00	86,599	60	24.00	253	363,995
Sat-10/24/20	-	-	-	-	-	-	219,710	153	24.00	57,040	40	23.80	85,849	60	23.80	252	362,599
Sun-10/25/20	-	-	-	-	-	-	219,685	153	24.00	57,319	40	23.90	86,274	60	23.90	252	363,278
Mon-10/26/20	-	-	-	-	-	-	219,720	153	24.00	57,430	40	23.96	86,478	60	23.96	253	363,628
Tue-10/27/20	-	-	-	-	-	-	219,730	153	24.00	57,481	40	24.00	86,639	60	24.00	253	363,850
Wed-10/28/20	-	-	-	-	-	-	219,759	153	24.00	57,505	40	24.00	86,611	60	24.00	253	363,875
Thu-10/29/20	-	-	-	-	-	-	219,762	153	24.00	57,510	40	24.00	86,549	60	24.00	253	363,821
Fri-10/30/20	-	-	-	-	-	-	219,771	153	24.00	57,499	40	24.00	86,528	60	24.00	253	363,798
Sat-10/31/20	-	-	-	-	-	-	219,767	153	24.00	57,520	40	24.00	86,570	60	24.00	253	363,857.00
<b>TOTALS</b>	-	-	-	-	-	-	<b>6,809,088</b>	<b>153</b>	<b>743.95</b>	<b>1,782,719</b>	<b>40</b>	<b>743.41</b>	<b>2,681,250</b>	<b>60</b>	<b>743.45</b>	<b>253</b>	<b>11,273,057</b>

TOTAL VOLUME EXTRACTED :	11,273,057 GALLONS
DAYS IN MONTH :	31 DAYS
MONTHLY AVERAGE FLOW RATE :	252.53 GPM



**Little Lake Area System**

MW-53i	
Date	1,4-Dioxane ug/L
07/08/20	25
08/04/20	23
09/01/20	38
10/01/20	22

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
07/08/20	57
08/04/20	52
09/01/20	57
10/01/20	56

**TABLE #8**

**INDIVIDUAL PURGE WELL CONCENTRATIONS**

<b>SAMPLE ID</b>	<b>Date Sampled</b>	<b>1,4-DIOXANE (ppb)</b>
DOLPH-10-06-20-10:25-1	10/06/20	140
TW-20-10-06-20-10:29-1	10/06/20	860
LB-4-10-06-20-09:45-1	10/06/20	470
TW-21-10-06-20-10:22-1	10/06/20	280
TW-18-10-06-20-10:23-1	10/06/20	250
TW-19-10-06-20-09:50-1	10/06/20	460
TW-23-10-06-20-10:20-1	10/06/20	480
PW-1-10-06-20-10:27-1	10/06/20	570
TW-22-10-06-20-10:30-1	10/06/20	430
TW-28-10-06-20-10:32-1	10/06/20	690

**RED POND DATA**

**Month of: Oct-20**

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Thu-10/1/20	06:00:00.000		Y	4.6	-	24.00	479
Fri-10/2/20	04:15:00.000		Y	4.6	-	24.00	479
Sat-10/3/20	04:00:00.000	(1)		4.5	-	24.00	479
Sun-10/4/20	04:00:00.000	(1)		4.5	-	24.00	479
Mon-10/5/20	04:00:00.000		Y	4.7	-	24.00	480
Tue-10/6/20	04:00:00.000		Y	4.6	-	24.00	479
Wed-10/7/20	04:00:00.000		Y	5.0	-	24.00	479
Thu-10/8/20	04:00:00.000		Y	5.1	-	24.00	479
Fri-10/9/20	04:00:00.000		Y	5.0	-	24.00	479
Sat-10/10/20	04:00:00.000	(1)		4.9	-	24.00	479
Sun-10/11/20	04:00:00.000	(1)		4.8	-	24.00	479
Mon-10/12/20	04:00:00.000		Y	4.9	-	24.00	479
Tue-10/13/20	04:00:00.000		Y	4.9	-	24.00	479
Wed-10/14/20	04:00:00.000		Y	4.7	-	24.00	479
Thu-10/15/20	04:00:00.000		Y	4.7	-	24.00	479
Fri-10/16/20	04:00:00.000		Y	4.7	-	24.00	479
Sat-10/17/20	04:00:00.000	(1)		4.6	-	24.00	479
Sun-10/18/20	04:00:00.000	(1)		4.6	-	24.00	479
Mon-10/19/20	04:00:00.000		Y	4.6	-	24.00	479
Tue-10/20/20	04:00:00.000		Y	4.5	-	24.00	479
Wed-10/21/20	04:00:00.000		Y	4.7	-	24.00	479
Thu-10/22/20	04:00:00.000		Y	4.8	-	24.00	480
Fri-10/23/20	04:00:00.000		Y	4.8	-	24.00	480
Sat-10/24/20	04:00:00.000	(1)		4.7	-	24.00	478
Sun-10/25/20	04:00:00.000	(1)		4.6	-	24.00	479
Mon-10/26/20	04:00:00.000		Y	4.5	-	24.00	479
Tue-10/27/20	04:00:00.000		Y	4.5	-	24.00	479
Wed-10/28/20	04:00:00.000		Y	4.4	-	24.00	479
Thu-10/29/20	04:00:00.000		Y	4.4	-	24.00	479
Fri-10/30/20	04:00:00.000		Y	4.3	-	24.00	479
Sat-10/31/20	03:00:00.000	(1)		4.1	-	24.00	479
<b>TOTALS</b>			-	-	-	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

<b>SAMPLE ID</b>	<b>Date Sampled</b>	<b>1,4-DIOXANE (ppb)</b>
Red Pond-10-05-20-08:25-1	10/5/1950	370
Red Pond-10-12-20-09:50-1	10/12/2020	300
Red Pond-10-19-20-08:40-1	10/19/2020	380
Red Pond-10-26-20-09:40-1	10/26/2020	340

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

**OZONE OPERATION REPORT**

Month of: **Oct-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
Thu-10/1/20	06:00:00.000		241	24.00	0	0.00	242	24.00	0	0.00
Fri-10/2/20	04:15:00.000		241	24.00	0	0.00	244	24.00	0	0.00
Sat-10/3/20	04:00:00.000	(1)	241	24.00	0	0.00	240	24.00	0	0.00
Sun-10/4/20	04:00:00.000	(1)	241	24.00	0	0.00	239	23.98	0	0.00
Mon-10/5/20	04:00:00.000		241	24.00	0	0.00	236	24.00	0	0.00
Tue-10/6/20	04:00:00.000		241	24.00	0	0.00	241	24.00	0	0.00
Wed-10/7/20	04:00:00.000		241	24.00	0	0.00	237	24.00	0	0.00
Thu-10/8/20	04:00:00.000		241	24.00	0	0.00	237	24.00	0	0.00
Fri-10/9/20	04:00:00.000		240	24.00	0	0.00	242	24.00	0	0.00
Sat-10/10/20	04:00:00.000	(1)	240	24.00	0	0.00	241	24.00	0	0.00
Sun-10/11/20	04:00:00.000	(1)	240	24.00	0	0.00	236	23.98	0	0.00
Mon-10/12/20	04:00:00.000		240	24.00	0	0.00	241	24.00	0	0.00
Tue-10/13/20	04:00:00.000		241	24.00	0	0.00	241	24.00	0	0.00
Wed-10/14/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Thu-10/15/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Fri-10/16/20	04:00:00.000		241	24.00	0	0.00	239	24.00	0	0.00
Sat-10/17/20	04:00:00.000	(1)	240	24.00	0	0.00	237	24.00	0	0.00
Sun-10/18/20	04:00:00.000	(1)	241	24.00	0	0.00	240	23.98	0	0.00
Mon-10/19/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Tue-10/20/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Wed-10/21/20	04:00:00.000		241	24.00	0	0.00	242	24.00	0	0.00
Thu-10/22/20	04:00:00.000		240	24.00	0	0.00	240	24.00	0	0.00
Fri-10/23/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Sat-10/24/20	04:00:00.000	(1)	240	24.00	0	0.00	240	24.00	0	0.00
Sun-10/25/20	04:00:00.000	(1)	240	24.00	0	0.00	239	24.00	0	0.00
Mon-10/26/20	04:00:00.000		240	24.00	0	0.00	239	24.00	0	0.00
Tue-10/27/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Wed-10/28/20	04:00:00.000		241	24.00	0	0.00	239	24.00	0	0.00
Thu-10/29/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Fri-10/30/20	04:00:00.000		241	24.00	0	0.00	240	24.00	0	0.00
Sat-10/31/20	03:00:00.000	(1)	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.

GREEN POND / DISCHARGE DATA

Month of: Oct-20

			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	GPM	Gallons	GPM	Gallons	Hours	GPM	Gallons	Hours	GPM	Gallons	Hours		
Thu-10/1/20	06:00:00.000		Y	-	-					497	715,612	24.00	-	-	-	-	-	-		
Fri-10/2/20	04:15:00.000		Y	-	-					497	715,529	24.00	-	-	-	-	-	-		
Sat-10/3/20	04:00:00.000	(1)		-	-					497	715,488	24.00	-	-	-	-	-	-		
Sun-10/4/20	04:00:00.000	(1)		-	-					497	715,498	24.00	-	-	-	-	-	-		
Mon-10/5/20	04:00:00.000		Y	-	-					497	715,523	24.00	-	-	-	-	-	-		
Tue-10/6/20	04:00:00.000		Y	-	-					497	715,685	24.00	-	-	-	-	-	-		
Wed-10/7/20	04:00:00.000		Y	-	-					497	715,753	24.00	-	-	-	-	-	-		
Thu-10/8/20	04:00:00.000		Y	-	-					497	715,597	24.00	-	-	-	-	-	-		
Fri-10/9/20	04:00:00.000		Y	-	-					497	715,576	24.00	-	-	-	-	-	-		
Sat-10/10/20	04:00:00.000	(1)		-	-					497	715,815	24.00	-	-	-	-	-	-		
Sun-10/11/20	04:00:00.000	(1)		-	-					497	715,802	24.00	-	-	-	-	-	-		
Mon-10/12/20	04:00:00.000		Y	-	-					497	715,804	24.00	-	-	-	-	-	-		
Tue-10/13/20	04:00:00.000		Y	-	-					497	715,595	24.00	-	-	-	-	-	-		
Wed-10/14/20	04:00:00.000		Y	-	-					497	715,600	24.00	-	-	-	-	-	-		
Thu-10/15/20	04:00:00.000		Y	-	-					497	715,602	24.00	-	-	-	-	-	-		
Fri-10/16/20	04:00:00.000		Y	-	-					497	715,399	24.00	-	-	-	-	-	-		
Sat-10/17/20	04:00:00.000	(1)		-	-					497	715,225	24.00	-	-	-	-	-	-		
Sun-10/18/20	04:00:00.000	(1)		-	-					497	715,251	24.00	-	-	-	-	-	-		
Mon-10/19/20	04:00:00.000		Y	-	-					497	715,305	24.00	-	-	-	-	-	-		
Tue-10/20/20	04:00:00.000		Y	-	-					497	715,343	24.00	-	-	-	-	-	-		
Wed-10/21/20	04:00:00.000		Y	-	-					497	715,489	24.00	-	-	-	-	-	-		
Thu-10/22/20	04:00:00.000		Y	-	-					497	715,502	24.00	-	-	-	-	-	-		
Fri-10/23/20	04:00:00.000		Y	-	-					497	715,631	24.00	-	-	-	-	-	-		
Sat-10/24/20	04:00:00.000	(1)		-	-					497	715,327	24.00	-	-	-	-	-	-		
Sun-10/25/20	04:00:00.000	(1)		-	-					497	715,264	24.00	-	-	-	-	-	-		
Mon-10/26/20	04:00:00.000		Y	-	-					497	715,302	24.00	-	-	-	-	-	-		
Tue-10/27/20	04:00:00.000		Y	-	-					497	715,357	24.00	-	-	-	-	-	-		
Wed-10/28/20	04:00:00.000		Y	-	-					497	715,329	24.00	-	-	-	-	-	-		
Thu-10/29/20	04:00:00.000		Y	-	-					497	715,415	24.00	-	-	-	-	-	-		
Fri-10/30/20	04:00:00.000		Y	-	-					497	715,164	24.00	-	-	-	-	-	-		
Sat-10/31/20	03:00:00.000	(1)		-	-					497	715,151	24.00	-	-	-	-	-	-		
<b>TOTALS</b>													22,179,933	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.

