



October 20, 2021

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

**Re: Monitoring Report #293  
September 1 – September 30, 2021**

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 September 1 through September 30, 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

**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: Sep-21

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
Wed-9/1/21	-	-	-	-	-	-	-	-	-	144,354	100	24.00	100	144,354
Thu-9/2/21	-	-	-	-	-	-	-	-	-	144,313	100	24.00	100	144,313
Fri-9/3/21	-	-	-	-	-	-	-	-	-	144,318	100	24.00	100	144,318
Sat-9/4/21	-	-	-	-	-	-	-	-	-	144,352	100	24.00	100	144,352
Sun-9/5/21	-	-	-	-	-	-	-	-	-	144,332	100	24.00	100	144,332
Mon-9/6/21	-	-	-	-	-	-	-	-	-	144,324	100	24.00	100	144,324
Tue-9/7/21	-	-	-	-	-	-	-	-	-	143,860	100	23.93	100	143,860
Wed-9/8/21	-	-	-	-	-	-	-	-	-	144,368	100	24.00	100	144,368
Thu-9/9/21	-	-	-	-	-	-	-	-	-	144,301	100	24.00	100	144,301
Fri-9/10/21	-	-	-	-	-	-	-	-	-	144,326	100	24.00	100	144,326
Sat-9/11/21	-	-	-	-	-	-	-	-	-	144,358	100	24.00	100	144,358
Sun-9/12/21	-	-	-	-	-	-	-	-	-	144,372	100	24.00	100	144,372
Mon-9/13/21	-	-	-	-	-	-	-	-	-	144,355	100	24.00	100	144,355
Tue-9/14/21	-	-	-	-	-	-	-	-	-	144,388	100	24.00	100	144,388
Wed-9/15/21	-	-	-	-	-	-	-	-	-	144,353	100	24.00	100	144,353
Thu-9/16/21	-	-	-	-	-	-	-	-	-	144,343	100	24.00	100	144,343
Fri-9/17/21	-	-	-	-	-	-	-	-	-	144,375	100	24.00	100	144,375
Sat-9/18/21	-	-	-	-	-	-	-	-	-	144,366	100	24.00	100	144,366
Sun-9/19/21	-	-	-	-	-	-	-	-	-	144,342	100	24.00	100	144,342
Mon-9/20/21	-	-	-	-	-	-	-	-	-	144,360	100	24.00	100	144,360
Tue-9/21/21	-	-	-	-	-	-	-	-	-	144,343	100	24.00	100	144,343
Wed-9/22/21	-	-	-	-	-	-	-	-	-	144,244	100	24.00	100	144,244
Thu-9/23/21	-	-	-	-	-	-	-	-	-	144,200	100	24.00	100	144,200
Fri-9/24/21	-	-	-	-	-	-	-	-	-	143,405	100	23.88	100	143,405
Sat-9/25/21	-	-	-	-	-	-	-	-	-	144,257	100	24.00	100	144,257
Sun-9/26/21	-	-	-	-	-	-	-	-	-	144,265	100	24.00	100	144,265
Mon-9/27/21	-	-	-	-	-	-	-	-	-	80,132	100	13.35	56	80,132
Tue-9/28/21	-	-	-	-	-	-	-	-	-	126,275	100	21.00	88	126,275
Wed-9/29/21	-	-	-	-	-	-	-	-	-	144,274	100	24.00	100	144,274
Thu-9/30/21	-	-	-	-	-	-	-	-	-	144,277	100	24.00	100	144,277
TOTALS	-	-	-	-	-	-	-	-	-	4,246,132	100	706.16	98	4,246,132

TOTAL VOLUME EXTRACTED :	4,246,132 GALLONS
DAYS IN MONTH :	30 DAYS
MONTHLY AVERAGE FLOW RATE :	98.29 GPM

9/27/21-9/28/21 - TW-21 was shut down due to electrical work in the area.

UNIT D2 DOWNGRADIENT EXTRACTION DATA

Month of: Sep-21

Date	LB-1			LB-4			Daily	Daily
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Wed-9/1/21	-	-	-	144,212	100	24.00	100	144,212
Thu-9/2/21	-	-	-	144,231	100	24.00	100	144,231
Fri-9/3/21	-	-	-	144,172	100	24.00	100	144,172
Sat-9/4/21	-	-	-	144,217	100	24.00	100	144,217
Sun-9/5/21	-	-	-	144,208	100	24.00	100	144,208
Mon-9/6/21	-	-	-	144,185	100	24.00	100	144,185
Tue-9/7/21	-	-	-	144,232	100	24.00	100	144,232
Wed-9/8/21	-	-	-	144,220	100	24.00	100	144,220
Thu-9/9/21	-	-	-	144,227	100	24.00	100	144,227
Fri-9/10/21	-	-	-	144,239	100	24.00	100	144,239
Sat-9/11/21	-	-	-	144,221	100	24.00	100	144,221
Sun-9/12/21	-	-	-	144,178	100	24.00	100	144,178
Mon-9/13/21	-	-	-	144,238	100	24.00	100	144,238
Tue-9/14/21	-	-	-	144,220	100	24.00	100	144,220
Wed-9/15/21	-	-	-	144,210	100	24.00	100	144,210
Thu-9/16/21	-	-	-	144,236	100	24.00	100	144,236
Fri-9/17/21	-	-	-	144,220	100	24.00	100	144,220
Sat-9/18/21	-	-	-	144,219	100	24.00	100	144,219
Sun-9/19/21	-	-	-	144,204	100	24.00	100	144,204
Mon-9/20/21	-	-	-	144,223	100	24.00	100	144,223
Tue-9/21/21	-	-	-	144,235	100	24.00	100	144,235
Wed-9/22/21	-	-	-	144,210	100	24.00	100	144,210
Thu-9/23/21	-	-	-	144,221	100	24.00	100	144,221
Fri-9/24/21	-	-	-	144,208	100	24.00	100	144,208
Sat-9/25/21	-	-	-	144,211	100	24.00	100	144,211
Sun-9/26/21	-	-	-	144,192	100	24.00	100	144,192
Mon-9/27/21	-	-	-	144,233	100	24.00	100	144,233
Tue-9/28/21	-	-	-	144,229	100	24.00	100	144,229
Wed-9/29/21	-	-	-	144,217	100	24.00	100	144,217
Thu-9/30/21	-	-	-	144,225	100	24.00	100	144,225
TOTALS	-	-	-	4,326,493	100	720.00	100	4,326,493

TOTAL VOLUME EXTRACTED :	4,326,493 GALLONS
DAYS IN MONTH :	30 DAYS
MONTHLY AVERAGE FLOW RATE :	100.15 GPM

TABLE #3  
CORE AREA EXTRACTION DATA

Month of: Sep-21

Core Area Well Extraction																			Daily Flow	Daily Total			
Date	TW-1			TW-2 (Dolph)			TW-3			TW-10			TW-14			TW-20			TW-24			GPM	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.	Gallons	GPM	Run Hrs.		
Wed-9/1/21	-	-	-	-	-	-	-	-	-	-	-	57,590	40	24.00	21,563	15	24.00	-	-	-	55	79,153	
Thu-9/2/21	-	-	-	-	-	-	-	-	-	-	-	57,688	40	24.00	21,655	15	24.00	-	-	-	55	79,343	
Fri-9/3/21	-	-	-	-	-	-	-	-	-	-	-	57,770	40	24.00	21,754	15	24.00	-	-	-	55	79,524	
Sat-9/4/21	-	-	-	-	-	-	-	-	-	-	-	57,882	40	24.00	21,599	15	24.00	-	-	-	55	79,481	
Sun-9/5/21	-	-	-	-	-	-	-	-	-	-	-	57,982	40	24.00	21,481	15	24.00	-	-	-	55	79,463	
Mon-9/6/21	-	-	-	-	-	-	-	-	-	-	-	58,181	40	24.00	21,395	15	24.00	-	-	-	55	79,576	
Tue-9/7/21	-	-	-	-	-	-	-	-	-	-	-	57,644	40	24.00	21,610	15	24.00	-	-	-	55	79,254	
Wed-9/8/21	-	-	-	-	-	-	-	-	-	-	-	57,900	40	24.00	21,326	15	24.00	-	-	-	55	79,226	
Thu-9/9/21	-	-	-	-	-	-	-	-	-	-	-	57,888	40	24.00	21,460	15	24.00	-	-	-	55	79,348	
Fri-9/10/21	-	-	-	-	-	-	-	-	-	-	-	57,920	40	24.00	21,981	15	24.00	-	-	-	55	79,901	
Sat-9/11/21	-	-	-	-	-	-	-	-	-	-	-	57,904	40	24.00	22,010	15	24.00	-	-	-	55	79,914	
Sun-9/12/21	-	-	-	-	-	-	-	-	-	-	-	57,941	40	24.00	21,895	15	24.00	-	-	-	55	79,834	
Mon-9/13/21	-	-	-	-	-	-	-	-	-	-	-	58,106	40	24.00	21,870	15	24.00	-	-	-	56	79,976	
Tue-9/14/21	-	-	-	-	-	-	-	-	-	-	-	58,209	40	24.00	21,870	15	24.00	-	-	-	56	80,079	
Wed-9/15/21	-	-	-	-	-	-	-	-	-	-	-	58,281	40	24.00	21,983	15	24.00	-	-	-	56	80,264	
Thu-9/16/21	-	-	-	-	-	-	-	-	-	-	-	58,331	41	24.00	21,627	15	24.00	-	-	-	56	79,958	
Fri-9/17/21	-	-	-	-	-	-	-	-	-	-	-	57,799	40	24.00	21,866	15	24.00	-	-	-	55	79,665	
Sat-9/18/21	-	-	-	-	-	-	-	-	-	-	-	57,488	40	24.00	22,201	15	24.00	-	-	-	55	79,689	
Sun-9/19/21	-	-	-	-	-	-	-	-	-	-	-	57,520	40	24.00	21,647	15	24.00	-	-	-	55	79,167	
Mon-9/20/21	-	-	-	-	-	-	-	-	-	-	-	57,528	40	24.00	21,894	15	24.00	-	-	-	55	79,422	
Tue-9/21/21	-	-	-	-	-	-	-	-	-	-	-	57,551	40	24.00	21,806	15	24.00	-	-	-	55	79,357	
Wed-9/22/21	-	-	-	-	-	-	-	-	-	-	-	57,659	40	24.00	21,689	15	24.00	-	-	-	55	79,348	
Thu-9/23/21	-	-	-	-	-	-	-	-	-	-	-	31,562	40	13.13	21,879	15	24.00	-	-	-	37	53,441	
Fri-9/24/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,661	15	24.00	-	-	-	15	21,661	
Sat-9/25/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,281	15	24.00	-	-	-	15	21,281	
Sun-9/26/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,544	15	24.00	-	-	-	15	21,544	
Mon-9/27/21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,886	15	24.00	-	-	-	15	21,886	
Tue-9/28/21	-	-	-	-	-	-	-	-	-	-	52,175	42	20.93	50,693	40	21.00	33,980	24	24.00	-	95	136,848	
Wed-9/29/21	-	-	-	-	-	-	-	-	-	-	60,511	42	24.00	57,745	40	24.00	36,047	25	24.00	-	107	154,303	
Thu-9/30/21	-	-	-	-	-	-	-	-	-	-	19,161	42	7.55	58,282	40	24.00	35,995	25	24.00	-	79	113,438	
TOTALS	-	-	-	-	-	-	-	-	-	-	131,847	42	52.48	1,471,044	40	610.13	692,453	16	720.00	-	53	2,295,344	

TOTAL VOLUME EXTRACTED :	2,295,344	GALLONS
DAYS IN MONTH :	30	DAYS
MONTHLY AVERAGE FLOW RATE :	53.13	GPM

9/1/21-9/30/21 – TW-2 (Dolph) was shut down while waiting for well rehabilitation.  
9/1/21-9/30/21 – TW-24 was shut down while treatment system is optimized to handle additional influent.

MARSHY AREA EXTRACTION DATA

Month of: Sep-21

Marshy Well Extraction				Daily	Daily
Date	PW-1 Gallons	GPM	Run Hrs.	Flow GPM	Total Gallons
Wed-9/1/21	2,948	2	24.00	2	2,948
Thu-9/2/21	2,949	2	24.00	2	2,949
Fri-9/3/21	2,943	2	24.00	2	2,943
Sat-9/4/21	2,929	2	24.00	2	2,929
Sun-9/5/21	2,914	2	24.00	2	2,914
Mon-9/6/21	2,917	2	24.00	2	2,917
Tue-9/7/21	2,915	2	24.00	2	2,915
Wed-9/8/21	2,904	2	24.00	2	2,904
Thu-9/9/21	2,961	2	24.00	2	2,961
Fri-9/10/21	2,970	2	24.00	2	2,970
Sat-9/11/21	2,981	2	24.00	2	2,981
Sun-9/12/21	2,992	2	24.00	2	2,992
Mon-9/13/21	3,022	2	24.00	2	3,022
Tue-9/14/21	3,035	2	24.00	2	3,035
Wed-9/15/21	3,037	2	24.00	2	3,037
Thu-9/16/21	3,037	2	24.00	2	3,037
Fri-9/17/21	3,110	2	24.00	2	3,110
Sat-9/18/21	3,135	2	24.00	2	3,135
Sun-9/19/21	3,115	2	24.00	2	3,115
Mon-9/20/21	3,102	2	24.00	2	3,102
Tue-9/21/21	3,109	2	24.00	2	3,109
Wed-9/22/21	3,142	2	24.00	2	3,142
Thu-9/23/21	3,141	2	24.00	2	3,141
Fri-9/24/21	3,133	2	24.00	2	3,133
Sat-9/25/21	3,132	2	24.00	2	3,132
Sun-9/26/21	3,107	2	24.00	2	3,107
Mon-9/27/21	3,125	2	24.00	2	3,125
Tue-9/28/21	3,135	2	24.00	2	3,135
Wed-9/29/21	3,212	2	24.00	2	3,212
Thu-9/30/21	3,352	2	24.00	2	3,352
	-		-		-
<b>TOTALS</b>	<b>91,504</b>	<b>2</b>	<b>720.00</b>	<b>2</b>	<b>91,504</b>

TOTAL VOLUME EXTRACTED :	91,504 GALLONS
DAYS IN MONTH :	30 DAYS
MONTHLY AVERAGE FLOW RATE :	2.12 GPM

SOUTHWEST AREA EXTRACTION DATA

Month of: Sep-21

SouthWest Well Extraction							Daily	Daily
Date	TW22			TW28			Flow	Total
	Gallons	GPM	Run Hrs.	Gallons	GPM	Run Hrs.	GPM	Gallons
Wed-9/1/21	3,051	2	24.00	35,953	25	24.00	27	39,004
Thu-9/2/21	3,042	2	24.00	35,918	25	24.00	27	38,960
Fri-9/3/21	2,995	2	24.00	36,194	25	24.00	27	39,189
Sat-9/4/21	2,984	2	24.00	36,130	25	24.00	27	39,114
Sun-9/5/21	2,984	2	24.00	36,115	25	24.00	27	39,099
Mon-9/6/21	2,960	2	24.00	36,138	25	24.00	27	39,098
Tue-9/7/21	2,908	2	24.00	36,144	25	24.00	27	39,052
Wed-9/8/21	2,942	2	24.00	36,110	25	24.00	27	39,052
Thu-9/9/21	2,923	2	24.00	36,083	25	24.00	27	39,006
Fri-9/10/21	2,854	2	24.00	36,072	25	24.00	27	38,926
Sat-9/11/21	2,815	2	24.00	36,064	25	24.00	27	38,879
Sun-9/12/21	2,793	2	24.00	36,047	25	24.00	27	38,840
Mon-9/13/21	2,758	2	24.00	36,046	25	24.00	27	38,804
Tue-9/14/21	2,742	2	24.00	36,050	25	24.00	27	38,792
Wed-9/15/21	2,682	2	24.00	35,985	25	24.00	27	38,667
Thu-9/16/21	2,620	2	24.00	35,967	25	24.00	27	38,587
Fri-9/17/21	2,532	2	22.45	35,044	24	24.00	26	37,576
Sat-9/18/21	2,719	2	24.00	36,087	25	24.00	27	38,806
Sun-9/19/21	2,667	2	24.00	36,057	25	24.00	27	38,724
Mon-9/20/21	2,637	2	24.00	36,033	25	24.00	27	38,670
Tue-9/21/21	2,584	2	24.00	35,953	25	24.00	27	38,537
Wed-9/22/21	2,547	2	24.00	35,948	25	24.00	27	38,495
Thu-9/23/21	1,368	2	12.90	35,931	25	24.00	26	37,299
Fri-9/24/21	-	-	-	35,977	25	24.00	25	35,977
Sat-9/25/21	-	-	-	35,894	25	24.00	25	35,894
Sun-9/26/21	-	-	-	35,825	25	24.00	25	35,825
Mon-9/27/21	-	-	-	35,943	25	24.00	25	35,943
Tue-9/28/21	-	-	-	36,015	25	24.00	25	36,015
Wed-9/29/21	-	-	-	36,049	25	24.00	25	36,049
Thu-9/30/21	-	-	-	36,113	25	24.00	25	36,113
TOTALS	63,107	2	539.35	1,079,885	25	720.00	26	1,142,992

TOTAL VOLUME EXTRACTED :	1,142,992 GALLONS
DAYS IN MONTH :	30 DAYS
MONTHLY AVERAGE FLOW RATE :	26.46 GPM

9/17/21 - TW-22 flow was briefly reduced below detectable rates during sampling.  
 9/23/21-9/30/21 - TW-22 was shut down for rehabilitation.

TABLE #6

UNIT "E" EXTRACTION DATA

Month of: Sep-21

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.		
Wed-9/1/21	-	-	-	-	-	-	147,889	103	24.00	-	-	-	144,040	100	24.00	203	291,929
Thu-9/2/21	-	-	-	-	-	-	147,898	103	24.00	-	-	-	143,899	100	24.00	203	291,797
Fri-9/3/21	-	-	-	-	-	-	147,893	103	24.00	-	-	-	143,911	100	24.00	203	291,804
Sat-9/4/21	-	-	-	-	-	-	147,896	103	24.00	-	-	-	143,923	100	24.00	203	291,819
Sun-9/5/21	-	-	-	-	-	-	147,862	103	24.00	-	-	-	144,089	100	24.00	203	291,951
Mon-9/6/21	-	-	-	-	-	-	147,841	103	24.00	-	-	-	144,202	100	24.00	203	292,043
Tue-9/7/21	-	-	-	-	-	-	147,291	103	23.92	-	-	-	144,191	100	24.00	202	291,482
Wed-9/8/21	-	-	-	-	-	-	147,832	103	24.00	-	-	-	144,227	100	24.00	203	292,059
Thu-9/9/21	-	-	-	-	-	-	147,816	103	24.00	-	-	-	144,167	100	24.00	203	291,983
Fri-9/10/21	-	-	-	-	-	-	147,851	103	24.00	-	-	-	144,110	100	24.00	203	291,961
Sat-9/11/21	-	-	-	-	-	-	147,848	103	24.00	-	-	-	144,176	100	24.00	203	292,024
Sun-9/12/21	-	-	-	-	-	-	147,854	103	24.00	-	-	-	144,184	100	24.00	203	292,038
Mon-9/13/21	-	-	-	-	-	-	147,859	103	24.00	-	-	-	144,133	100	24.00	203	291,992
Tue-9/14/21	-	-	-	-	-	-	147,899	103	24.00	-	-	-	144,219	100	24.00	203	292,118
Wed-9/15/21	-	-	-	-	-	-	147,857	103	24.00	-	-	-	118,231	82	24.00	185	266,088
Thu-9/16/21	-	-	-	-	-	-	147,872	103	24.00	-	-	-	129,253	90	24.00	192	277,125
Fri-9/17/21	-	-	-	-	-	-	147,896	103	24.00	-	-	-	144,096	100	24.00	203	291,992
Sat-9/18/21	-	-	-	-	-	-	147,889	103	24.00	-	-	-	144,105	100	24.00	203	291,994
Sun-9/19/21	-	-	-	-	-	-	147,875	103	24.00	-	-	-	144,264	100	24.00	203	292,139
Mon-9/20/21	-	-	-	-	-	-	147,890	103	24.00	-	-	-	144,214	100	24.00	203	292,104
Tue-9/21/21	-	-	-	-	-	-	147,876	103	24.00	-	-	-	144,011	100	24.00	203	291,887
Wed-9/22/21	-	-	-	-	-	-	147,798	103	24.00	-	-	-	144,018	100	24.00	203	291,816
Thu-9/23/21	-	-	-	-	-	-	147,803	103	24.00	-	-	-	144,196	100	24.00	203	291,999
Fri-9/24/21	-	-	-	-	-	-	146,796	103	23.85	-	-	-	144,434	100	24.00	202	291,230
Sat-9/25/21	-	-	-	-	-	-	147,739	103	24.00	-	-	-	144,410	100	24.00	203	292,149
Sun-9/26/21	-	-	-	-	-	-	147,745	103	24.00	-	-	-	144,360	100	24.00	203	292,105
Mon-9/27/21	-	-	-	-	-	-	147,777	103	24.00	-	-	-	78,239	100	13.00	157	226,016
Tue-9/28/21	-	-	-	-	-	-	147,749	103	24.00	-	-	-	126,189	100	20.96	190	273,938
Wed-9/29/21	-	-	-	-	-	-	147,768	103	24.00	-	-	-	144,304	100	24.00	203	292,072
Thu-9/30/21	-	-	-	-	-	-	147,766	103	24.00	34,304	50	11.45	109,811	76	24.00	203	291,881
TOTALS	-	-	-	-	-	-	4,433,625	103	719.77	34,304	50	11.45	4,165,606	98	705.96	200	8,633,535

TOTAL VOLUME EXTRACTED :	8,633,535 GALLONS
DAYS IN MONTH :	30 DAYS
MONTHLY AVERAGE FLOW RATE :	199.85 GPM

9/27/21-9/28/21 - TW-23 was shut down due to electrical work in the area.  
 9/30/21 - New extraction well TW-29 was started. TW-29 is a replacement well for TW-19.



**Little Lake Area System**

MW-53i	
Date	1,4-Dioxane ug/L
06/01/21	46
07/01/21	55
08/02/21	37
09/01/21	57

A2 Cleaning Supply Well	
Date	1,4-Dioxane ug/L
06/01/21	43
07/01/21	49
08/02/21	38
09/01/21	44

Date	Gallons Purged
9/28/2021	30,000

**TABLE #8**

**INDIVIDUAL PURGE WELL CONCENTRATIONS**

<b>SAMPLE ID</b>	<b>Date Sampled</b>	<b>1,4-DIOXANE (ppb)</b>
TW-10-09-29-21-10:10-1	09/29/21	710
TW-14-09-17-21-10:55-1	09/17/21	120
TW-14-09-29-21-10:20-1	09/29/21	580
TW-20-09-17-21-10:50-1	09/17/21	750
LB-4-09-17-21-10:25-1	09/17/21	470
TW-21-09-17-21-10:35-1	09/17/21	250
TW-18-09-17-21-10:40-1	09/17/21	240
TW-23-09-17-21-10:30-1	09/17/21	350
PW-1-09-17-21-10:45-1	09/17/21	770
TW-22-09-17-21-11:00-1	09/17/21	480
TW-28-09-17-21-11:08-1	09/17/21	670

## RED POND DATA

Month of: Sep-21

Date	Time	Notes	Red Pond				
			Pond	Level	Aeration	Influent	Influent
			Visual Chk	Feet	Hours	Hours	GPM
Wed-9/1/21	04:00:00.000		Y	5.3	-	24.00	487
Thu-9/2/21	04:00:00.000		Y	5.4	-	24.00	487
Fri-9/3/21	04:00:00.000		Y	5.4	-	24.00	487
Sat-9/4/21	04:00:00.000	(1)		5.5	-	24.00	487
Sun-9/5/21	04:00:00.000	(1)		5.5	-	24.00	487
Mon-9/6/21	04:00:00.000		Y	5.5	-	24.00	488
Tue-9/7/21	04:00:00.000		Y	5.7	-	24.00	487
Wed-9/8/21	04:00:00.000		Y	5.7	-	24.00	487
Thu-9/9/21	04:00:00.000		Y	5.7	-	24.00	487
Fri-9/10/21	04:00:00.000		Y	5.8	-	24.00	488
Sat-9/11/21	04:00:00.000	(1)		5.8	-	24.00	488
Sun-9/12/21	04:00:00.000	(1)		5.9	-	24.00	488
Mon-9/13/21	04:00:00.000		Y	5.9	-	24.00	488
Tue-9/14/21	04:00:00.000		Y	6.0	-	24.00	488
Wed-9/15/21	04:00:00.000		Y	5.7	-	24.00	470
Thu-9/16/21	04:00:00.000		Y	5.7	-	24.00	477
Fri-9/17/21	04:00:00.000		Y	5.8	-	24.00	487
Sat-9/18/21	04:00:00.000	(1)		5.8	-	24.00	488
Sun-9/19/21	04:00:00.000	(1)		5.8	-	24.00	487
Mon-9/20/21	04:00:00.000		Y	5.9	-	24.00	487
Tue-9/21/21	04:00:00.000		Y	6.1	-	24.00	487
Wed-9/22/21	04:00:00.000		Y	6.4	-	24.00	487
Thu-9/23/21	04:00:00.000		Y	6.1	-	24.00	468
Fri-9/24/21	04:00:00.000		Y	5.7	-	24.00	444
Sat-9/25/21	04:00:00.000	(1)		5.2	-	24.00	445
Sun-9/26/21	04:00:00.000	(1)		4.7	-	24.00	445
Mon-9/27/21	04:00:00.000		Y	2.4	-	24.00	355
Tue-9/28/21	04:00:00.000		Y	3.5	-	24.00	500
Wed-9/29/21	04:00:00.000		Y	4.3	-	24.00	538
Thu-9/30/21	04:00:00.000		Y	4.5	-	24.00	509
-	-	-	-	-	-	-	-
<b>TOTALS</b>			-	-	-	720	-

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.







