



# Water Treat Technology

Certified Wastewater  
Contract Operator  
Consulting Services

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Wastewater Treatment Operator  
Industrial Engineer B.S.

PERMIT NUMBER: MO-0128279  
CLIENT: Arbor Trails Wastewater Treatment Facility  
SAMPLE: Effluent - out fall # 001  
DATE: 4/10/2019  
REPORTING MONTH: 1st Qtr

Sample Date	Analysis	Result	Limit	Units	Method
03/05/19	B.O.D. (5-Day)	3.5	30	mg/L	SM-5210 B-01
03/05/19	TSS	5.2	30	mg/L	SM-254 D-97
03/05/19	E. coli**	EAS	206	#/100 ml	10029
03/05/19	Field pH	7.85	***	SU	8156
03/05/19	NH <sub>3</sub> ****	0.028	2.5	mg/L	10205
03/05/19	Field CL <sub>2</sub> **	50.00	< 130	µg/L	8167
03/05/19	Field D.O.	10.28	*	mg/L	SM-4500-0 G-01

\* Monitoring requirement only.

\*\* Limitations and monitoring requirements for E. coli and Field CL<sub>2</sub> are applicable only during the recreational season from April 1 through October 31.

\*\*\* pH is measured in pH units and is not to be averaged. The pH is limited to the range of 6.5 - 9.0 pH units.

\*\*\*\* NH<sub>3</sub> limit for April 1 - September 30 is 1.2 mg/L. NH<sub>3</sub> limit for October 1 - March 31 is 2.5 mg/L.

The analysis of wastewater is conducted in accordance with US EPA approved methods listed in 40CFR Part 136. All results expressed on an as received basis unless indicated by a footnote.

**These are the test results for your wastewater facility. You will want to keep these on file.**

If you have any questions, please advise.

Natalie Frazier  
Lab Director