



Wastewater Treatment [1]

Have a
Sewer
Question?

Brett Ward
[2], Utility
Operations
Consultant
| (865)
974-9853



Wastewater

Information and links for wastewater operators and other staff involved in wastewater operations

MTAS Resources

- [Aerobic Digestion \[3\]](#)
- [Ammonia Removal Troubleshooting \[4\]](#)
- [Chlorination for Filament Control Case Studies - Filaments and Clarifier Bulking \(large plant\) \[5\]](#)
- [Chlorination for Filament Control Case Studies - Filaments and Clarifier Bulking \(small plant\) \[6\]](#)
- [Have You Tried "Off-On" Aeration Yet? \(2004\) \[7\]](#)

- Influent Testing and Toxicity - Influent Contamination [8]
- Influent Testing and Toxicity - Specific Oxygen Uptake Rate (SOUR) Testing [9]
- Making Your Plant Denitrify (2004) [10]
- Operators Guidance for Biological Removal of Phosphorous in Municipal Water (2018) [11]
- Basic General Wastewater Study Guide (Wisconsin Dept. of Natural Resources) [12]
- Advanced Wastewater Study Guide (Wisconsin Dept. of Natural Resources) [13]

State Resources

- Microbiology of Biological Nutrient Removal (TDEC) [14]
- Nitrogen Removal Training Modules (New York State Department of Environmental Conservation) [15]
- TN Dept. of Environment and Conservation [16]
- TN Division of Water Resources [17]

Associations

- American Water Works Association (AWWA) [18]
- Tennessee Association of Utility Districts (TAUD) [19]
- Water Environment Federation (WEF) [20]

[Updated: August 20, 2018]

Links:

- [1] <http://www.mtas.tennessee.edu/wastewater-treatment>
- [2] <mailto:brett.ward@tennessee.edu>
- [3] http://www.mtas.tennessee.edu/sites/default/files/aerobic_digestion.pdf
- [4] <http://www.mtas.tennessee.edu/sites/default/files/monteagle.pdf>
- [5] <http://www.mtas.tennessee.edu/sites/default/files/filaments.pdf>
- [6] <http://www.mtas.tennessee.edu/sites/default/files/filaments2.pdf>
- [7] http://www.mtas.tennessee.edu/sites/default/files/off_on_aeration.pdf
- [8] http://www.mtas.tennessee.edu/sites/default/files/influent_contamination.ppt
- [9] http://www.mtas.tennessee.edu/sites/default/files/sour_tests.doc
- [10] http://www.mtas.tennessee.edu/sites/default/files/Nash_WEA.pdf
- [11] http://www.mtas.tennessee.edu/sites/default/files/Operator_Guidance_for_Biological_Removal_of_Phosphorus_in_Municipal_Wastewater.docx
- [12] <https://dnr.wi.gov/regulations/opcert/documents/StudyGuideBasicGeneral.pdf>
- [13] <https://dnr.wi.gov/regulations/opcert/documents/StudyGuideAdvancedWastewater.pdf>
- [14] <http://www.mtas.tennessee.edu/sites/default/files/Microbiology.pdf>
- [15] <http://www.dec.ny.gov/chemical/8710.html>
- [16] <https://www.tn.gov/content/tn/environment.html>
- [17] <https://www.tn.gov/environment/program-areas/wr-water-resources-home.html>
- [18] <http://www.awwa.org/>
- [19] <http://www.taud.org/>
- [20] <http://www.wef.org/>

Source URL (retrieved on 08/09/2020 - 5:23pm): <http://www.mtas.tennessee.edu/wastewater-treatment>



Municipal Technical Advisory Service
INSTITUTE *for* PUBLIC SERVICE