

## Hurley, Sarah

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**From:** Iott, Traci  
**Sent:** Wednesday, August 25, 2021 2:06 PM  
**To:** Bedan, Erik; Hurley, Sarah; Peterson, Susan (DEEP-WPLR)  
**Subject:** Fw: Bantam Lake Modeling Report

Traci Iott  
Supervising Environmental Analyst  
Water Quality Group  
Bureau of Water Protection & Land Reuse  
CT Department of Energy and Environmental Protection

Email: [traci.iott@ct.gov](mailto:traci.iott@ct.gov)

Phone: 860-424-3082

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**From:** GEORGE KNOECKLEIN [REDACTED]  
**Sent:** Monday, August 23, 2021 9:02 AM  
**To:** Iott, Traci <[Traci.iott@ct.gov](mailto:Traci.iott@ct.gov)>  
**Subject:** Re: Bantam Lake Modeling Report

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Hi Traci:

[REDACTED]

In the meantime can you provide further explanation on the novel concept that a lake can have two trophic states? In 40 years of being a limnologist I have not heard of this before.

Additionally, can you point me toward documents and results from your use of the LLRM?

Thanks

George

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**From:** GEORGE KNOECKLEIN [REDACTED]  
**Sent:** Thursday, August 19, 2021 3:30 PM  
**To:** lott, Traci <Traci.lott@ct.gov>  
**Cc:** Bellucci, Christopher <Christopher.Bellucci@ct.gov>; Hurley, Sarah <Sarah.Hurley@ct.gov>; Bedan, Erik <Erik.Bedan@ct.gov>  
**Subject:** Re: Bantam Lake Modeling Report

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Hi Traci

[REDACTED]

Two things i can tell you off the top are; one: I have never found land-use loading models to be any where actuate at predicting actual loading and that is after taking real time inlet concentration data and mass loading and comparing it to what would be predicted by land-use runoff coefficients, and two, I could not get the LLRM to work for me at Lake Pocotopaug, and I had a huge amount of real runoff storm and base flow data as well as in-lake data.

George

George -

Thank you for your interest in this project. The modeling report can be accessed through the project webpage. Scroll down to see the section on supporting documentation.

Bantam Lake Watershed Projects webpage:

<https://portal.ct.gov/DEEP/Water/Watershed-Management/Bantam-Lake-Watershed-Projects>

Bantam Lake Modeling Report:

[https://portal.ct.gov/-/media/DEEP/water/watershed\\_management/BantamLake/Bantam-Lake-Modeling-Report.pdf](https://portal.ct.gov/-/media/DEEP/water/watershed_management/BantamLake/Bantam-Lake-Modeling-Report.pdf)

Traci

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**From:** Bellucci, Christopher <Christopher.Bellucci@ct.gov>  
**Sent:** Sunday, July 25, 2021 9:05 PM  
**To:** lott, Traci <Traci.lott@ct.gov>; Hurley, Sarah <Sarah.Hurley@ct.gov>  
**Cc:** GEORGE KNOECKLEIN <knoecklein@sbcglobal.net>  
**Subject:** Re: Bantam TMDL

Hi Traci and Sarah,  
Can you please share the CEI Modeling report with George.  
Thanks,

Christopher J. Bellucci  
Assistant Director  
Water Planning and Management Division  
Bureau of Water Protection and Land Reuse  
Connecticut Department of Energy and Environmental Protection  
79 Elm Street, Hartford, CT 06106-5127

Office: 860.424.3735

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**From:** GEORGE KNOECKLEIN [REDACTED]  
**Sent:** Wednesday, July 21, 2021 10:11 AM  
**To:** Bellucci, Christopher <Christopher.Bellucci@ct.gov>  
**Subject:** Bantam TMDL

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Hi Chris,  
I'm reading the CT Statewide Lake Nutrient TMDL | Appendix 1: Bantam Lake Watershed, and the document refers a lot to this report, it is available?

CEI, Inc. (2020). Bantam Lake Nutrient TMDL Model Modeling Report. Prepared for the US Environmental Protection Agency Region 1 - New England.

Thanks  
George