

**OFFICIAL MINUTES OF THE MUNICIPAL UTILITY COMMISSION
FOR THE VILLAGE OF BATH
SPECIAL MEETING
NOVEMBER 1, 2016**

This meeting of the Municipal Utility Commission of the Village of Bath was held on the 1st day of November 2016 at Bath Electric, Gas & Water Systems, located at 7 South Ave., Bath, NY 14810. This meeting was called to order by Chairman of the Commission Harold Rodbourn at 10:12 a.m.

Present:

Utility Commissioner Chair:	Harold Rodbourn
Utility Commissioner:	Will Heigel
Utility Commissioner:	Barney Bonicave
Utility Commissioner:	Jeffrey Muller
BEGWS Director:	Guy Hallgren
Clerk/Treasurer:	Jacqueline Shroyer
Village Code Enforcement:	Ralph Senese
Utility Employee/Union President:	Andrew Burdin
BEGWS Employee:	Josh Knowles
BEGWS Employee:	Royce Hoad

Phone Conference Call In:

Mayor:	William von Hagn
EPA from Cincinnati, Massachusetts	
ClearCove	
GHD	
Kim Miller	
NYS DEC Region 8 & Albany	
Energy Systems Group	

Absent:

Utility Commissioner:	Mike Austin
-----------------------	-------------

Special Meeting:

EPA Presentation:

Abstract:

Many municipalities are facing the call to increase nutrient removal performance of their wastewater treatment plants in order to limit the impacts of eutrophication on the receiving waterbodies. The associated upgrades often demand investment in new technologies and increases in energy and chemical use, which create the potential for environmental trade-offs. The main goal of this study is to quantify these trade-offs for Bath NY wastewater treatment

plant (wwtp) from an environmental and cost perspective by performing a life cycle assessment (LCA) and cost analysis (LCC). The impacts of a conventional activated sludge treatment process are compared against an upgraded system incorporating chemically enhanced primary settling, Modified Ludzack-Ettinger secondary treatment, and anaerobic digestion (AD). The sensitivity analysis explores the effect of composting emission assumptions, AD operational performance, and the use of excess AD capacity for the processing of high strength organic waste on environmental impact and cost per cubic meter of wastewater treated. This study shed some lights on how to retrofit existing wwtps for compliance needs and the balance of compliance and sustainability.

Adjournment:

Motion made by Commissioner Bonicave, seconded by Commissioner Heigel to adjourn the special meeting at 12:04 p.m. All present were in favor and the motion was carried.

Respectfully submitted by:

Jacqueline Shroyer
Clerk/Treasurer