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**From:** Michaud, Bernard J - DNR [Bernard.Michaud@wisconsin.gov]  
**Sent:** 5/25/2017 9:21:30 PM  
**To:** Simek, Andrew J - DNR [Andrew.Simek@wisconsin.gov]  
**Subject:** FW: Draft VTA Guidelines  
**Attachments:** FeedStorageVTAs-Draft Guidelines-2015-October 29.pdf

Hi Andrew,

This is the e-mail where we sent the first proposal for VTAs to EPA. We offered ways to improve VTAs as well as the "zero discharge" options.

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**From:** Lowndes, MaryAnne - DNR  
**Sent:** Friday, October 30, 2015 3:15 PM  
**To:** bahr.ryan@epa.gov; Burdett, Cheryl (burdett.cheryl@epa.gov)  
**Cc:** Michaud, Bernard J - DNR  
**Subject:** FW: Draft VTA Guidelines

Ryan and Cheryl ,

As requested by the USEPA, the Wisconsin DNR has developed a proposal for how to address the deficiencies in the design and operation of Vegetated Treatment Areas (VTAs) for the treatment of runoff from CAFO feed storage areas. The attached draft guidelines include:

- action items to implement the current design standards more effectively;
- proposed strengthening of the current standard;
- summary results from a feed storage field study; and
- design concepts which go beyond what is in the current standards.

We have received input from the Wisconsin NRCS Engineering staff, Wisconsin DATCP Engineering staff, and UW Discovery Farms staff on this document. It is hoped that these draft guidelines can be a starting point in a discussion between the USEPA and the Wisconsin DNR on what would be an appropriate path forward for feed storage runoff controls and VTAs. Perhaps we can have a meeting or a conference call to discuss the draft guidelines after you have had a chance to review them. Please contact me or Bernie Michaud (608-266-5239), the staff engineer who coordinated this document if you have any immediate comments or questions.

Thanks,  
Mary Anne

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