



Strand Associates, Inc.®

910 West Wingra Drive

Madison, WI 53715

(P) 608-251-4843

January 24, 2018

Wisconsin Department of Natural Resources
101 South Webster Street
Madison, WI 53707-7921

Re: Village of Mount Horeb Future Effluent Phosphorus Limit

To Whom It May Concern:

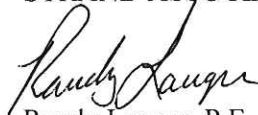
In anticipation of a more stringent phosphorus effluent limit in a future Wisconsin Pollutant Discharge Elimination System (WPDES) permit, we are submitting the enclosed Notice of Intent to Conduct Water Quality Trading on the behalf of the Village of Mount Horeb (Village). The Village wishes to register water quality trades that will result from the improvements being undertaken as part of the current Water Pollution Control Facility (WPCF) Improvements Project. The WPCF Improvements Project is ongoing and the resulting site improvements (as noted on the enclosed Notice of Intent) will ultimately lead to water quality improvements, when compared to the existing site conditions.

The WPDES permit that the Village is operating under is expired and a new WPDES permit has not yet been issued. Compliance with a future stringent phosphorus limit (and the need for trades) will likely not be required for several years (pending reissuance of a new WPDES permit and associated compliance schedule for stringent phosphorus limits). Water quality trading may be a cost-effective compliance alternative that the Village pursues. As such, the Village wishes to register these trades so they are available when compliance with the more stringent effluent phosphorus limit is required.

Please contact me with any questions.

Sincerely,

STRAND ASSOCIATES, INC.®



Randy Langer, P.E.

Enclosures

c/enc.: John Klein, Village of Mount Horeb

Notice: Pursuant to s. 283.84, Wis. Stats., and ch. NR 217 Wis. Adm. Code, this form must be completed by any WPDES permittee that is using water quality trading as a method of complying with a permit limitation. Failure to complete this form would not result in penalties. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

Applicant Information				
Permittee Name Village of Mount Horeb		Permit Number WI- 0020281-07-0		Facility Site Number
Facility Address 2447 Sand Rock Road			City Mount Horeb	State WI
Project Contact Name (if applicable) John Klein			Address 2447 Sand Rock Road	City Mount Horeb
			State WI	ZIP Code 53572
Project Name Water Pollution Control Facility Improvements Water Quality Trading				
Receiving Water Name West Branch of the Sugar River		Parameter(s) being traded Phosphorus		HUC 12(s) 070900040102

Is the permittee in a point or nonpoint source dominated watershed?
 (See PRESTO results - <http://dnr.wi.gov/topic/surfacewater/presto.html>)

Point source dominated
 Nonpoint source dominated

Credit Generator Information	
Credit generator type (select all that apply):	<input type="checkbox"/> Permitted Discharge (non-MS4/CAFO) <input checked="" type="checkbox"/> Urban nonpoint source discharge <input type="checkbox"/> Permitted MS4 <input checked="" type="checkbox"/> Agricultural nonpoint source discharge <input type="checkbox"/> Permitted CAFO <input type="checkbox"/> Other - Specify: _____
Are any of the credit generators in a different HUC 12 than the applicant?	<input type="radio"/> Yes; HUC 12: _____ <input checked="" type="radio"/> No <input type="radio"/> Unsure
Are any of the credit generators downstream of the applicant?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unsure
Will a broker/exchange be used to facilitate trade?	<input type="radio"/> Yes; Name: _____ <input checked="" type="radio"/> No <input type="radio"/> Unsure

Point to Point Trades (Traditional Municipal / Industrial Discharge, MS4, CAFO)				
Discharge Type	Permit Number	Name	Contact Address	Is the point source credit generator currently in compliance with their permit requirements?
<input type="radio"/> Traditional <input type="radio"/> MS4 <input type="radio"/> CAFO				<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unsure
<input type="radio"/> Traditional <input type="radio"/> MS4 <input type="radio"/> CAFO				<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unsure
<input type="radio"/> Traditional <input type="radio"/> MS4 <input type="radio"/> CAFO				<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unsure
<input type="radio"/> Traditional <input type="radio"/> MS4 <input type="radio"/> CAFO				<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unsure
<input type="radio"/> Traditional <input type="radio"/> MS4 <input type="radio"/> CAFO				<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unsure

Point to Nonpoint Trades (Non-permitted Agricultural, Non-Permitted Urban, etc.)

List the practices that will be used to generate credits:

There are four sites for credit generation outlined below, with a fifth site being considered.

- (1) The streambank along the west side of the the existing wastewater treatment facility (2447 Sand Rock Road) will be restored.
- (2) The new north facility (2450 Sand Rock Road) will be constructed on agricultural land, taking the land out of production. Storm water from the majority of the site will be directed to a bioinfiltration basin. Perennial vegetation will be established in the remaining areas.
- (3) A bioretention basin will be constructed on the existing WWTP site, which will receive most of the stormwater runoff from the site.
- (4)The streambank near the existing sewer line just south of the highway US-18 and next to Sand Rock Road has been restored to prevent the stream from encroaching onto the existing site and sewer.
- (5) The Village is also considering taking agricultural land north east of the existing treatment facility out of production and turning a portion into a dog park and the remaining land to perennial grass.

*See additional information in cover letter.

Method for quantifying credits generated: Monitoring
 Modeling, Names: SLAMM
 Other: _____

Projected date credits will be available: 05/01/2019

The preparer certifies all of the following:

- I am familiar with the specifications submitted for this application, and I believe all applicable items in this checklist have been addressed.
- I have completed this document to the best of my knowledge and have not excluded pertinent information.

Signature of Preparer <i>Randy Louger</i>	Date Signed <i>1/24/18</i>
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Authorized Representative Signature

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision. Based on my inquiry of those persons directly responsible for gathering and entering the information, the information is, to the best of my knowledge and belief, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Authorized Representative <i>[Signature]</i>	Date Signed <i>1/24/18</i>
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Mount Horeb Water Pollution Control facility Improvements Water Quality Trading Sites



- ### Legend
- 12-digit HUCs (Subwatersheds)
 - Municipality
 - State Boundaries
 - County Boundaries
 - Major Roads**
 - Interstate Highway
 - State Highway
 - US Highway
 - County and Local Roads**
 - County HWY
 - Local Road
 - + Railroads
 - Tribal Lands
 - Rivers and Streams
 - Intermittent Streams
 - Lakes and Open water
 - Index to EN_Image_Basemap_Leaf_Off



NAD_1983_HARN_Wisconsin_TM

1: 15,840

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Notes