

Notice: Pursuant to s. NR 217.18, Wis. Adm. Code, this form must be completed and submitted to the Department at the time of the reissuance of an existing WPDES (Wisconsin pollutant discharge elimination system) permit to request adaptive management for phosphorus water quality based effluent limits (WQBEL). Failure to provide all requested information may result in denial of your request. Personal information collected will be used for administrative purposes and may be provided to requestors to the extent required by Wisconsin Open Records law [ss. 19.31-19.39, Wis. Stats.].

Type of Request:

This is the formal adaptive management request as required in s. NR 217.18(2)

This is a preliminary adaptive management request (to be submitted as part of facility planning.)

Facility and Permit Information			
Facility Name		WPDES Permit No.	
Grafton Water & Wastewater Utility		WI- 0 0 2 0 1 8 4	
Facility Address	City	State	ZIP Code
1900 Ninth Avenue	Grafton	WI	53024
Receiving Water			
Milwaukee River			

Owner Contact Information			
Last Name	First	MI	Phone No. (incl. area code)
Nennig	Timothy		(262) 375-5331
Street Address			FAX Number
1900 Ninth Avenue			
City	State	ZIP Code	E-mail address
Grafton	WI	53024	tnennig@village.grafton.wi.us

Facility Information			
Required for AM Request	Wis. Administrative code Reference	Conclusion	Evidence/Source of information (attach as needed)
1. NPS contribute at least 50% of total P contribution	s. NR 217.18(2)(b)	<input checked="" type="radio"/> NPS contributes at least 50% <input type="radio"/> NPS DOES NOT contribute at least 50%	Presto
2. WQBEL Requires Filtration	s. NR 217.18(2)(c)	<input checked="" type="radio"/> Filtration required <input type="radio"/> Filtration NOT required	Final Alternatives Plan
3. AM Plan	s. NR 217.18(2)(d)	<input checked="" type="radio"/> Plan is Included - Page 3 <input type="radio"/> Plan is NOT Included <i>For a preliminary adaptive management request, AM plan not required</i>	

Facility Operation and Performance	
1.	<p>Current P removal capability – If the facility is currently required by a WPDES permit to monitor effluent phosphorus (P) provide a summary of the influent and effluent annual average P concentrations for each of the past three (3) years. If permit required P data is not available, the applicant should provide any other P data that may be applicable and available. If no data is available, the Department may estimate the P effluent concentration by based on data from other similar facilities</p> <p>Influent TP varies from 3-4 mg/L Average effluent TP is 0.6 mg/L. See final alternatives plan for more information.</p>

2. **Facility Operation** - Provide a summary description of overall facility operation. If not a continuously discharging facility, describe storage procedures and the time periods when effluent discharge occurs
 The Grafton WWTP is an extended aeration activated sludge facility including influent screening, grit removal, primary clarification, aeration with fine bubble diffusers, secondary clarification, and UV disinfection. Phosphorus is currently removed with chemical precipitation.

3. **Previous Studies** - Reference or attach any facility planning or evaluation study that evaluated facility performance capabilities (Note - Only include studies that are recent, within 5 years, or otherwise applicable for the evaluation of the existing facility and current conditions).
 See Final Alternatives Plan, which summarizes the performance capabilities for the existing facilities.

Adaptive Management Plan (s. NR 217.18(d))9.25

This section should summarize the Adaptive Management Plan for internal and external review. A complete Adaptive Management Plan should be attached. Note: If this is a preliminary adaptive management request, this section is not required.

Watershed	Percent Contribution of Applicant Discharge
Milwaukee River Watershed	4.7%
Action Area (include map)	
Milwaukee River TMDL reach MI-17	

Watershed Characteristics and Timeline Justification
 Large River

Key Proposed Actions
 NPS reductions and WWTP improvements

Key Goals and Measures for Determining Effectiveness
 Reducing TP to < WQ criteria at down river location.

Watershed Adaptive Management Request

Form 3200-139 (R 01/12)

Partner(s)
Ozaukee County, Milwaukee Watershed Can Farm Families

Funding Sources
Village of Grafton

Adaptive Management Request and Certification

Based on the information provided, I am requesting the Watershed Adaptive Management option to achieve compliance with phosphorus water quality standards in accordance with s. NR 217.19, Wis. Adm. Code.
I certify that the information provided with this request is true, accurate and complete to the best of my knowledge.

Print or type name of person submitting request*	Title
Jesse Thyes	Village Administrator
Signature of Official	Date Signed
	1-8-2020