

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 Grafton Wastewater Treatment Plant		WPDES Permit No. WI- 0 1 0 1 2 1 0 1 1 8 1 4	
Facility Address 1900 ninth Avenue	City Grafton	State WI	ZIP Code 53024
Receiving Water Milwaukee River			

Owner Contact Information

Last Name Thyes	First Jesse	MI	Phone No. (incl. area code) 262-375-5300
Street Address 860 Badger Circle			FAX Number 262-375-5312
City Grafton	State WI	ZIP Code 53024	E-mail address jthyes@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 type="radio"/> Plan is Included - Page 3 <input checked="" type="radio"/> Plan is NOT Included <i>For a preliminary adaptive management request, AM plan not required</i>	

Facility Operation and Performance

- 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
 Influent TP varies from 3 to 4 mg/L
 Average effluent TP is 0.6 mg/L - See final alternatives plan for more information.

Watershed Adaptive Management Request

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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 for summarises 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
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Action Area (include map)

Watershed Characteristics and Timeline Justification

Key Proposed Actions

Key Goals and Measures for Determining Effectiveness

Watershed Adaptive Management Request

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Partner(s)

Funding Sources

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*

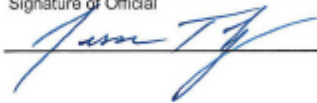
Title

Jesse Thyes

Village Administrator

Signature of Official

Date Signed



6-24-19