



**DANE COUNTY DEPT. OF  
PUBLIC WORKS, HIGHWAY &  
TRANSPORTATION**

1919 Alliant Energy Center Way  
Madison, Wisconsin 53713  
Office: 608/266-4018 ♦ Fax: 608/267-1533  
Public Works Engineering Division

# ADDENDUM 1

March 16, 2022

**ATTENTION ALL REQUEST FOR BID(RFB) HOLDERS**

**RFB NO. 321027(REBID) - ADDENDUM NO. 1**

**YAHARA RIVER FLOW ENHANCEMENT – PH.2**

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**BIDS DUE: TUESDAY, MARCH 22, 2022, 2:00 PM. DUE DATE AND  
TIME ARE NOT CHANGED BY THIS ADDENDUM.**

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This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

**PLEASE MAKE THE FOLLOWING CHANGES:**

**1. Section 02222 - EXCAVATION, FILL, BACKFILL, AND GRADING**

Delete 3.9 – Grading.

**2. Section 02225 - DREDGING FOR SEDIMENT REMOVAL**

Delete 3.4 Mechanical and Hydraulic Dredging - M – N.

Removal of the dredge spoils from the dewatering area and restoration of the dewatering area will be at the County's expense.

**PLEASE NOTE THE FOLLOWING CONTRACTOR SUBMITTED QUESTIONS:**

- Q: Can you owner provide a copy of a previous WPDES Permit that would show limits for water quality?  
A: Please see the WPDES Permit letter from June 8, 2021 from the previous project from Lake Waubesa to Lower Mud Lake.
- Q: 02225 1.1 C.10 states that “Hydraulic dredging is anticipated to start in fall of 2021 and depending on weather conditions and operations, dredging may continue in 2022. Dredging may resume after winter once the daily water temperature measured in the river is at or above 55 degrees Fahrenheit due to fish migration and spawning concerns.” Can/should this statement be updated? What is the required completion date?  
A: The statement should be as follows: “Hydraulic dredging is anticipated to start in summer of 2022 and depending on weather conditions and operations, dredging may continue in 2023. Dredging may resume after winter once the daily water temperature measured in the river is at or above 55 degrees Fahrenheit due to fish migration and spawning concerns.”

- Q: 02225 1.1 C.5 states that “Dewatering of hydraulically dredged sediment and return of water to creek including sampling and testing of return water meeting regulatory permit requirements” Can you provide sampling and testing requirements?

A: The sampling requirements will be issued with the WPDES permit once the contractor submits. For past permits, weekly Total Suspended Solids (TSS) grab samples for laboratory analysis are required and the analysis must be completed by a DNR certified lab. The compliance standard for TSS is 40 mg/L. Daily flow estimates are also required. The TSS and flow samples will be required to be submitted by the contractor to DNR through online submission.
- Q: 02225 1.1 B states that “Barges shall be watertight to prevent return waters during the transport process.” Can this requirement be waived to assist in dewatering the material if dredged mechanically? It is likely that when mechanically dredged sediment is off-loaded into trucks and free water will be spilled. What is the expectation of the contractor to control water during material barge off-load?

A: The contractor is expected to limit water and soil spillage during off-load. If spillage is occurring, the contractor will be required to contain sediment spillage using best management practices such as turbidity barriers.
- Q: Scope of work estimates that dredge volume is 100,300 CY. Specifications state that “An over depth tolerance of 0.5 feet will be allowed, but the total yardage pay quantity will not exceed that shown on the bid sheet.” Is the 100,300 CY inclusive of the over dredge allowance volume?

A: The dredge volume of 100,300 Cubic Yards does not include over depth tolerance. The quantity is determined from the profile and cross sections provided in the plan set.
- Q: 02140 1.1 C states that “The cost for removal of groundwater and surface water shall be included in the Lump Sum Bid for the project. No separate payment will be made for dewatering whether accomplished by use of sumps and pumps, well point systems, deep wells, or any other method.” Does the owner have any soil boring at the dewatering site that show where ground water elevation is?

A: No, the contractor is allowed to dig or perform their own soil borings to evaluate soil conditions for construction.
- Q: 02110 3.4 C states that “CONTRACTOR shall provide additional topsoil as required.” Is it only the contractors responsibility to determine if additional topsoil is required or can the owner direct contractor to supply additional topsoil?

A: Areas that are disturbed such as temporary road paths, outside facing berms, and other temporarily disturbed areas will need to be seeded so that vegetation prevents soil loss from the site. These areas will also need topsoil. The contractor shall ensure proper topsoil is used for growth of vegetation.
- Q: 02930 2.1 states that “A. Topsoil: Fertile, agricultural soil, typical for locality, capable of sustaining vigorous plant growth, taken from drained site; free of subsoil, stones greater than 3/4 inches in size, clay or impurities, plants, weeds and roots; pH value of minimum 5.4 and maximum 7.0. B. Topsoil from the site may be used if it meets the above requirements.” If imported topsoil that meets the above requirements is required will the contractor be compensated? Has the existing topsoil on site been tested for the above requirements?

A: The existing topsoil will meet the requirements for reuse on site.
- Q: 02222 2.2 does the site contain a suitable amount of clay material required for Clay Fill? Will import material be required?

A: Soil borings have not been performed so the amount of clay is unknown. The contractor is allowed to perform their own soil borings. Also, the size and shape of the dewatering basin has not been prescribed so the contractor has flexibility based on their operations. Due to the unknown size

of the dewatering basin it is unknown if additional material will be required. The contractor shall determine soil needs for constructing the dewatering basin.

- Q: 02222 3.6 – What is compaction requirement? Can you confirm that contractor is responsible for hiring Soils Engineer?  
A: The contractor is not responsible for hiring soils engineer. The contractor shall compact the soil as they determine adequate to prevent water seepage through berms or other constructed features around the dewatering basin.
- Q: 02222 3.9 – “A. CONTRACTOR shall perform all rough and finish grading required to attain the elevations shown on the drawings. B. Grading Tolerances: 1. Restored Areas:  $\pm 0.10$  feet.” What elevations is this referring to?  
A: This requirement is an oversight and should be deleted from the specifications. Originally the contractor was to be responsible for finish grading the dewatering basin and this requirement has been removed from the bid documents.
- Q: 02225 1.4 – “The elevations shown for existing work and ground are reasonably correct, but are not guaranteed to be absolutely accurate. No extras will be allowed because of variations between drawings and actual grades.” This is a lump sum contract. If the actual dredge volume exceeds the estimated quantity of 100,300 CY will the contractor be compensated?  
A: No, the contractor will not be compensated. The contractor is responsible for achieving at or below the profile depth and width shown on the plans. The dredge volume has been provided to aid the contractor. The contractor is responsible to make their own investigations. The contractor shall satisfy itself as to the quantity and characteristics of the materials to be dredged.
- Q: 02225 1.4B – Can you provide appendix with soil samples?  
A: Please see attached document for Lake Kegonsa to Stoughton sediment samples. Please note that these samples are not guaranteed to be indicative of conditions to be encountered during construction. It is the contractor’s responsibility to make its own investigations to determine physical conditions at the site, which may affect the work.
- Q: 02225 3.4B – “Excavation and disposal of debris shall be considered incidental to construction. Debris shall be drained free of water at the construction site and shall be disposed of at a licensed sanitary landfill, if necessary.” If contractor is going to be responsible for transportation and disposal of debris material, can you provide a quantity of debris that can be expected?  
A: It is the contractor’s responsibility to make its own investigations to determine quantity and type of debris to be removed.
- Q: 02225 3.4D – “It is the CONTRACTOR’s responsibility for all operations required to accomplish grades shown on the drawings. CONTRACTOR shall determine its own quantities of hydraulic dredging which shall be included in the lump sum bid for the project.” Can you provide X, Y, Z data file of existing/dredge elevations so that contractor can verify the owners quantities?  
A: Data files will be made available to the successful winning bidder.
- Q: 02225 3.4K “CONTRACTOR shall limit return water total suspended solids concentrations to a maximum of 40 mg/l measured at the point of discharge from the dredging spoils dewatering area back into the river.” What is frequency of testing?  
A: Frequency of sampling is daily grab samples. The contractor shall be responsible for reporting sampling results to DNR for compliance with the WPDES permit conditions.
- Q: 02225 3.4L “CONTRACTOR shall provide in-stream water sampling and testing as required by regulatory permit requirements. CONTRACTOR shall provide treatment adequate to meet regulatory permit requirements. CONTRACTOR shall limit in-stream total suspended solids to a

maximum of 40 mg/l above background total suspended solids concentrations in the river measured downstream of the project limits near County Highway B. It is anticipated that additional treatment will be necessary to accomplish this requirement.” Can you define and/or elaborate on what the additional treatment would be?

**A: The contractor is responsible for obtaining the WPDES permit from DNR. This information is provided in anticipation of DNR permit conditions. Typically, DNR would require a turbidity barrier or baffle boom in the water depending on construction methods.**

- Q: 02225 3.4M – “All dewatered sediment will be removed from the site and the site returned back to previous conditions after removal. The removal of sediment from the site will either be performed by COUNTY and others or by the contractor. A supplemental bid price is being requested to remove the sediment at the CONTRACTOR’s expense.” Is pricing to assume that removal of dredge sediment is to be by others? How is contractor to provide supplemental pricing. Nothing on bid form to address this requirement. Does the owner plan to supply trucks for loadout during dredging operations? Does the owner or contractor dictate when and how much material can be loaded off-site? Is there a limit to the number for trucks the owner can provide during loadout?

**A: There is no supplemental bid price being requested. This requirement is an oversight and should be deleted from the specifications.**

- Q: Contractor is responsible for restoration of the dewatering site. If the owner performs loadout what is the period of time that the contractor can assume between dredging being completed and the loadout being completed so that contractor can restore the site?

**A: The contractor will be responsible for restoration of any disturbed trucking areas, side slopes of berms, or other temporarily disturbed areas so that the site has mitigated erosion and soil loss leaving the construction site. Final restoration of the dewatering area will be the County’s responsibility.**

If any additional information about this Addendum is needed, please contact Ryan Shore at 608/445-0109, shore@countyofdane.com.

Sincerely,

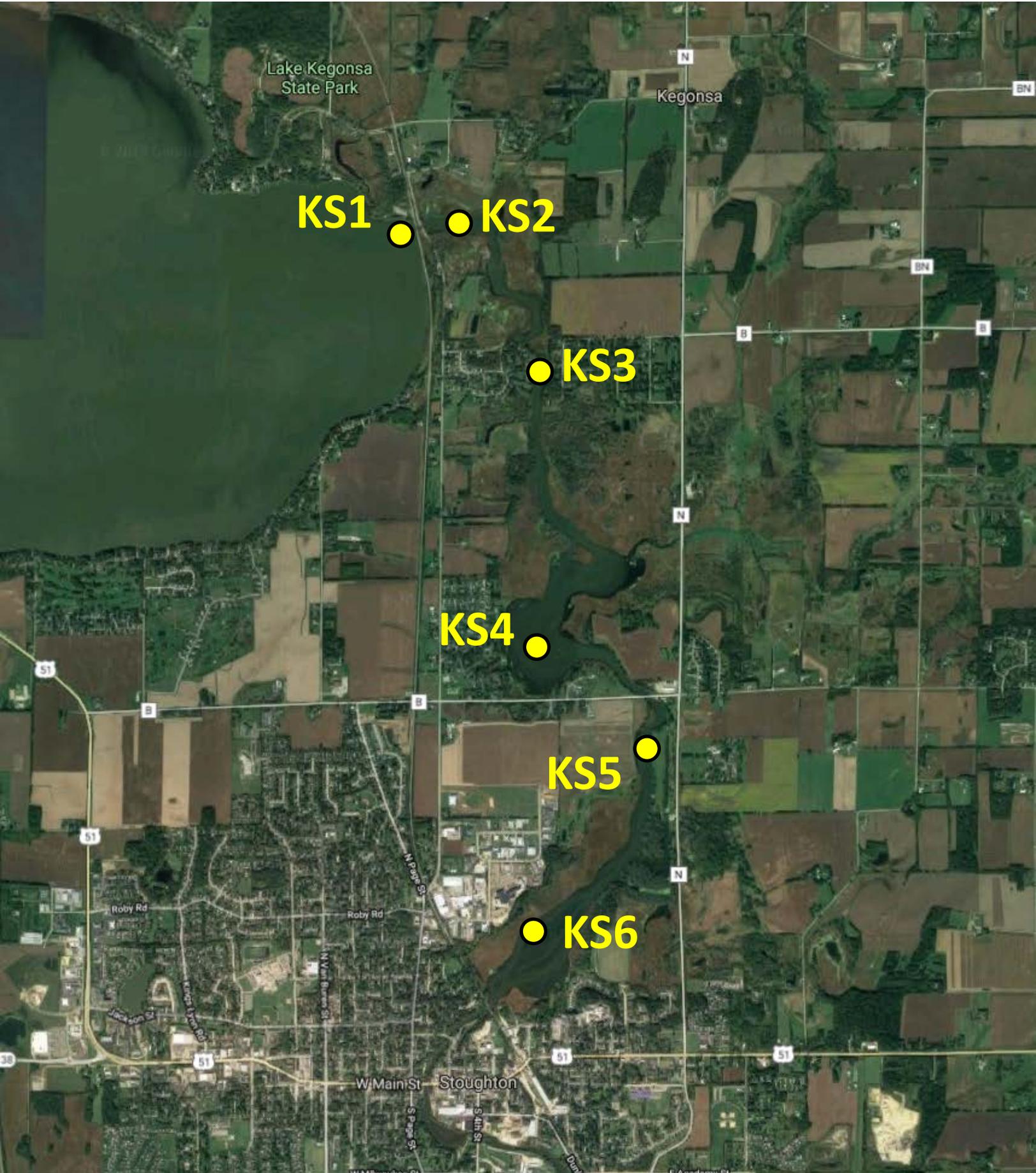
*Ryan Shore*

Project Manager

Enclosures:

Kegonsa to Stoughton Sediment Sampling  
Sample WPDES Permit  
Kegonsa\_HwyB\_ErosionControl\_Rev\_6\_4\_21  
Kegonsa\_HwyB\_Pipeline\_8\_23\_21  
Permit Issuance - 01868

# Kegonsa to Stoughton Sediment Sampling Locations



## SOIL and FORAGE ANALYSIS LABORATORY

2611 Yellowstone Drive, Marshfield WI 54449

Phone 715-387-2523 ext 11

University of Wisconsin Madison

College of Agriculture and Life Sciences

Soil Science Department

**John Reimer**  
**Dane County Land & Water**  
**5201 Fen Oak Drive**  
**Madison WI 53718**

**Date** 6/20/19  
**Account #** 557896  
**Report #** 3071

## **Soil Analysis**

<b>Sample ID</b>	<b>pH</b>	<b>Sikora pH</b>	<b>P ppm</b>	<b>K ppm</b>	<b>OM %</b>	<b>Sand %</b>	<b>Silt %</b>	<b>Clay %</b>	<b>Texture Name</b>
KS 1-1	7.4	-	6	20	0.4	93	3	4	sand
KS 1-2	7.4	-	5	15	0.1	93	3	4	sand
KS 1-3	7.4	-	5	21	0.1	93	3	4	sand
KS 2-1	7.6	-	5	5	0.5	91	5	4	sand
KS 2-2	7.9	-	5	8	0.9	75	19	6	sandy loam
KS 2-3	8.1	-	5	15	0.2	65	27	8	sandy loam
KS 3-1	7.9	-	5	4	0.8	93	5	2	sand
KS 3-2	7.8	-	5	4	0.1	93	5	2	sand
KS 4-1	8.0	-	6	7	2.7	91	5	4	sand
KS 4-2	8.5	-	5	2	0.2	93	5	2	sand
KS 4-3	8.5	-	5	4	0.2	88	7	4	sand
KS 5-1	8.0	-	5	13	1.0	86	9	4	loamy sand
KS 5-2	8.5	-	5	10	0.1	92	1	6	Sand
KS 5-3	8.7	-	5	10	0.1	92	1	6	Sand
KS 6-1	7.5	-	6	9	4.1	82	11	6	Loamy Sand



June 8, 2021

Dane County Land and Water Resources Department  
Attn: John Reimer  
5201 Fen Oak Dr  
Madison, WI 53718

Subject: Dredging Operations Wastewater Discharges  
General WPDES Permit No. WI-0046558-06-0  
FIN: 75368

Dear Mr. Reimer:

The Wisconsin Department of Natural Resources (department) has determined your proposed dredging project; **Yahara River Sediment Removal, Lake Waubesa to Lower Mud Lake in Dane Co** is eligible for coverage under the Wisconsin Pollutant Discharge Elimination System (WPDES) general permit for the discharge of carriage and/or interstitial water resulting from dredging operations. This was based on a review of the General Permit Request for Coverage form for the dredging permit that covers the wastewater discharges. Please note, you may be subject to other permitting requirements and should make sure you have all necessary permits or approvals before you begin dredging operations.

Please download the general permit from this website: <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>, carefully read the permit, and become familiar with all applicable terms and conditions. You are responsible for compliance with the conditions contained in this permit. In addition, please note the following requirements that must be met during the discharge period:

1. Term of Coverage: A wastewater discharge resulting from carriage return and interstitial water from the dredging project is authorized under this permit from the date of this letter until **December 31, 2021**. Permit authorization is limited to a single dredging project. A new request for coverage under this general permit must be submitted for review for any future dredging at this location.
2. Notification: Notify me [Susan.Eichelkraut@Wisconsin.gov](mailto:Susan.Eichelkraut@Wisconsin.gov) when the dredging begins and again when it is completed. If the scope of the project is altered or conditions change from those described in the request for coverage under this permit, notify me immediately to determine if the project can continue under the general permit requirements.
3. Monitoring: Based on the sediment characterization data completed for the ch. 30 dredging permit application, none of the pollutants monitored exceeded the TEC, therefore the sediment is considered "uncontaminated" for the purpose of wastewater permitting. Based on the processed wastewater proposed to be discharging to a surface water, monitoring according to sampling point 001, Section 5.2.1 of the general permit is required. Sampling from Outfall #1 shall include:

- Total Suspended Solids (TSS): Weekly grab sample, 40 mg/L limit
- Flow: Daily estimate

**Turbidity monitoring may be used as an indicator for project performance, but may not be substituted for TSS monitoring.**

4. **Record Keeping and Reporting:** The permittee must report monitoring data to the department as required in Section 8 of the permit. The department now only accepts eDMRs for the monitoring data. Instructions can be found in Section 8 of the permit.

Additional information regarding the department's legal authority in this matter, and your rights of appeal are shown below. If you have any questions regarding this permit, or when department notification is required, please contact me at [Susan.Eichelkraut@Wisconsin.gov](mailto:Susan.Eichelkraut@Wisconsin.gov) or (414) 640-1407.

Sincerely,



Susan Eichelkraut  
Southern District Wastewater Specialist

Enc: eDMR instructions

#### LEGAL AUTHORITIES and APPEAL RIGHTS

Section 283.35(1), Wis. Stats., authorizes the Department to issue a general permit applicable to a designated area of the state authorizing discharges from specified categories or classes of point sources located within that area. Upon the request of the owner or operator of a point source, the Department shall withdraw the point source from the coverage of a general permit and issue an individual Wisconsin Pollutant Discharge Elimination System (WPDES) permit for that source in accordance with s. 283.35(2), Wis. Stats. Additionally, the Department may withdraw a point source from the coverage of a general permit and issue an individual WPDES permit if that source meets any of the factors listed in s. 283.35(3), Wis. Stats. Issuance of such an individual permit will provide for a public comment period, and potentially a public informational hearing and/or an adjudicatory hearing. In lieu of general permit withdrawal, the Department may refer any violation of a general permit to the Department of Justice for enforcement under s. 283.91, Wis. Stats., pursuant to s. 283.89, Wis. Stats. In order to remain in compliance and avoid any enforcement action, **please read your permit carefully.**

To challenge the reasonableness of or necessity for any term or condition of an issued, reissued, or modified general permit, s. 283.63, Wis. Stats., and ch. NR 203, Wis. Adm. Code, require that you file a verified petition for review with the Secretary of the Department of Natural Resources within 60 days after notice of the permit decision was issued by the Department. For other permit-related decisions, such as the decision to confer general permit coverage to your facility, that are not reviewable pursuant to s. 283.63, Wis. Stats., it may be possible for permittees or other persons to obtain an administrative review pursuant to s. 227.42, Wis. Stats., and s. NR 2.05(5), Wis. Adm. Code, or a judicial review pursuant to s. 227.52, Wis. Stats. If you choose to pursue one of these options, you should know that Wisconsin Statutes and Administrative Code establish time periods within which requests to review Department decisions must be filed.